



## Curriculum vitae Europass



### Informații personale

Nume / Prenume

**PRAISLER, MIRELA**

### Lista publicatiilor

#### (a) CĂRTI

1. Moraru, L., Praisler, M., Marin, S., Bentea, C., *Implementation of Quality Assurance Systems in Academic Staff Perspective – An Overview*, in Fumasoli, T., Goastellec, G., Kehm, B.M. (Eds.), *Academic Work and Careers in Europe: Trends, Challenges, Perspectives, The Changing Academy – The Changing Academic Profession in International Comparative Perspective*, Volume 12, 2015, pp. 151-176, **Springer**, DOI: 10.1007/978-3-319-10720-2\_8, ISBN: 978-3-319-10719-6 (Print) 978-3-319-10720-2 (Online) [http://link.springer.com/chapter/10.1007/978-3-319-10720-2\\_8](http://link.springer.com/chapter/10.1007/978-3-319-10720-2_8) <http://link.springer.com/book/10.1007/978-3-319-10720-2>

#### CARTE / LUCRARE\* CITATA IN

1	*Mizrahi, S., Performance Funding and Management in Higher Education: The Autonomy Paradox and Failures in Accountability, <i>Public Performance &amp; Management Review</i> Published online: 13 Aug 2020 DOI: 10.1080/15309576.2020.1806087 Print ISSN: 1530-9576 Online ISSN: 1557-9271 ISI Impact factor: 1.600 (2018) <a href="https://www.tandfonline.com/doi/abs/10.1080/15309576.2020.1806087">https://www.tandfonline.com/doi/abs/10.1080/15309576.2020.1806087</a>
2	Levander, S., Forsberg, E., Elmgren, M., The meaning-making of educational proficiency in academic hiring: a blind spot in the black box, <i>Teaching in Higher Education</i> , Published online: 12 Feb 2019 DOI: 10.1080/13562517.2019.1576605 <a href="https://www.tandfonline.com/doi/full/10.1080/13562517.2019.1576605">https://www.tandfonline.com/doi/full/10.1080/13562517.2019.1576605</a>
3	* Overberg, J., Ala-Vahala, T., Everlasting Friends and Enemies? Finnish University Personnel's Perceptions of Internal Quality Assurance in 2010 and 2017, <i>Scandinavian Journal of Educational Research</i> , Published online: 25 Mar 2019 DOI: 10.1080/00313831.2019.1596977 ISSN: 0031-3831, eISSN:1470-1170 ISI Impact factor: 1.552 (2019). <a href="https://www.tandfonline.com/doi/abs/10.1080/00313831.2019.1596977">https://www.tandfonline.com/doi/abs/10.1080/00313831.2019.1596977</a>
4	Demeter, M., So Far, Yet So Close: International Career Paths of Communication Scholars From the Global South, <i>International Journal of Communication</i> 13 (2019) 578–602. ISSN: 1932-8036 ISI Impact factor: 1.194 (2019). <a href="https://ijoc.org/index.php/ijoc/article/view/10181">https://ijoc.org/index.php/ijoc/article/view/10181</a>
5	Demeter, M., The World-Systemic Dynamics of Knowledge Production: The Distribution of Transnational Academic Capital in the Social Sciences, <i>Journal of World-Systems Research</i> 25-1 (2019) 111 – 144. DOI: 10.5195/JWSR.2019.887 ISSN: 1076-156X <a href="http://jwsr.pitt.edu/ojs/index.php/jwsr/article/view/887/1286">http://jwsr.pitt.edu/ojs/index.php/jwsr/article/view/887/1286</a>
6	Kwiek, M., Social Stratification in Higher Education: What It Means at the Micro-Level of the Individual Academic Scientist, <i>Higher Education Quarterly</i> 1 (2019)1-28. DOI: 10.1111/hequ.12221 Online ISSN:1468-2273 ISI Impact factor: 0.1 (2018) <a href="https://www.researchgate.net/publication/333370807_Social_Stratification_in_Higher_Education_What_It_Means_at_the_Micro-Level_of_the_Individual_Academic_Scientist">https://www.researchgate.net/publication/333370807_Social_Stratification_in_Higher_Education_What_It_Means_at_the_Micro-Level_of_the_Individual_Academic_Scientist</a>
7	Bataille, P., Sautier, M., Ce «qu'être postdoc» veut dire. Cheminements postdoctoraux en Suisse, circa 2010, <i>Philosophia Scientiæ</i> 23-3 (2019) 35-66. ISSN: 12812463 <a href="https://www.cairn.info/revue-philosophia-scientiæ-2019-3-page-35.htm#">https://www.cairn.info/revue-philosophia-scientiæ-2019-3-page-35.htm#</a>
8	*Tsouroufli, M., Gendered pedagogic identities and academic professionalism in Greek medical schools, <i>Gender and Education</i> 30-1 (2018) 45-58. DOI: 10.1080/09540253.2016.126200 Print ISSN: 0954-0253 Online ISSN: 1360-0516 ISI Impact factor: 1.17 (2018). <a href="http://www.tandfonline.com/toc/cgee20/current">http://www.tandfonline.com/toc/cgee20/current</a>
9	Hermanowicz, J.C., (2018) The Professoriate in International Perspective. In: Paulsen M. (eds) Higher Education: Handbook of Theory and Research. Higher Education: Handbook of Theory and Research, vol 33. Springer, Cham

	DOI: 10.1007/978-3-319-72490-4_6 Print ISBN 978-3-319-72489-8 Online ISBN 978-3-319-72490-4 <a href="https://link.springer.com/chapter/10.1007/978-3-319-72490-4_6">https://link.springer.com/chapter/10.1007/978-3-319-72490-4_6</a>
10	Horta, H., Jung, J., Santos, J. M., Effects of mobilities on the research output and its multidisciplinary of academics in Hong Kong and Macau: An exploratory study, <i>Higher Education Quarterly</i> 72-3 (2018) 250-265. Online ISSN:1468-2273 ISI Impact factor: 0.1 (2018) <a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/hequ.12161">https://onlinelibrary.wiley.com/doi/abs/10.1111/hequ.12161</a>
11	Karmaeva, N., Career Aspirations of Young Academics in Russia, <i>European Education</i> 50-3 (2018) 283-299. ISSN: 1056-4934 eISSN: 1944-7086 ISI Impact factor: 0.1 (2018) <a href="https://www.tandfonline.com/doi/abs/10.1080/10564934.2018.1446177">https://www.tandfonline.com/doi/abs/10.1080/10564934.2018.1446177</a>
12	Fumasoli, T. and Seeber, M., Scholarly or socially relevant? An examination of European academic associations, contribution to the special issue <i>Transnational Actors in the Multi - Level Governance of Knowledge Policies</i> ", edited by Fumasoli, T., Stensaker, B., Vukasovic, M., <i>European Educational Research Journal</i> 17-3 (2018). eISSN: 14749041   ISSN: 14749041 ISI Impact factor: 0.1 (2018) <a href="http://journals.sagepub.com/doi/abs/10.1177/1474904117727869">http://journals.sagepub.com/doi/abs/10.1177/1474904117727869</a>
13	Brew, A., Boud, D., Lucas, L., Crawford, K., Academic artisans in the research university, <i>Higher Education</i> 76-1 (2018) 115-127. DOI: 10.1007/s10734-017-0200-7 Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-017-0200-7">https://link.springer.com/article/10.1007/s10734-017-0200-7</a>
14	Kwiek, M., <i>Changing European Academics: A Comparative Study of Social Stratification, Work Patterns and Research Productivity</i> , 2018, Taylor and Francis. <a href="https://www.crcpress.com/Changing-European-Academics-A-Comparative-Study-of-Social-Stratification/Kwiek/p/book/9780815396482">https://www.crcpress.com/Changing-European-Academics-A-Comparative-Study-of-Social-Stratification/Kwiek/p/book/9780815396482</a>
15	Henningsson, M., Jörnsten, A., Gescwind, L., Translating tenure track into Swedish: Tensions when implementing an academic career system, <i>Studies in Higher Education</i> 43-7 (2018) 1215-1226. DOI: 10.1080/03075079.2016.1239704 ISSN: 0307-5079 ISI Impact factor: 2.854 (2018) <a href="https://www.tandfonline.com/doi/abs/10.1080/03075079.2016.1239704">https://www.tandfonline.com/doi/abs/10.1080/03075079.2016.1239704</a>
16	Kehm B.M., Shin J.C., Jones G.A. (2018) Conclusion: Doctoral Education and Training – A Global Convergence?. In: Shin J., Kehm B., Jones G. (eds) <i>Doctoral Education for the Knowledge Society. Knowledge Studies in Higher Education</i> . Springer, Cham. DOI: 10.1007/978-3-319-89713-4_14 ISBN 978-3-319-89712-7 <a href="https://link.springer.com/chapter/10.1007/978-3-319-89713-4_14">https://link.springer.com/chapter/10.1007/978-3-319-89713-4_14</a>
17	Levander, S., Ny publikation: Den pedagogiska skickligheten och akademins väktare, <i>Högre utbildning</i> 8-1 (2018) 44–46. DOI:10.23865/hu.v8.1239 <a href="https://hogreutbildning.se/index.php/hu/article/view/1239/2669">https://hogreutbildning.se/index.php/hu/article/view/1239/2669</a>
18	Galimberti, A., Ratti, E., Continuity and Discontinuity Around Academia: The “Find Your Doctor” Project as a Space for Researching and Facilitating Learning Careers, <i>Continuity and Discontinuity in Learning Careers</i> , Brill/Sense, 2018. DOI: 10.1163/9789004375475_007. ISBN 9789004375475 <a href="https://brill.com/view/book/edcoll/9789004375475/BP000017.xml">https://brill.com/view/book/edcoll/9789004375475/BP000017.xml</a>
19	Brew, A., Boud, D., Crawford, K., Lucas, L., Navigating the demands of academic work to shape an academic job, <i>Studies in Higher Education</i> 43-12 (2018) 2294-2304. DOI: 10.1080/03075079.2017.1326023 ISSN: 0307-5079 ISI Impact factor: 2.854 (2018) <a href="http://www.tandfonline.com/doi/abs/10.1080/03075079.2017.1326023">http://www.tandfonline.com/doi/abs/10.1080/03075079.2017.1326023</a>
20	Teichler, U., Consortium of Higher Education Researchers, pp. 1-7, in <i>Encyclopedia of International Higher Education Systems and Institutions</i> , 2017, Springer <a href="https://link.springer.com/referenceworkentry/10.1007/978-94-017-9553-1_204-1">https://link.springer.com/referenceworkentry/10.1007/978-94-017-9553-1_204-1</a>
21	Loxley, A., Fleming, T., Finnegan, F., Learning and Teaching and Non-traditional Students in Higher Education. In: <i>Access and Participation in Irish Higher Education</i> , 2017, Palgrave Macmillan, London DOI: 10.1057/978-1-137-56974-5_11 Print ISBN 978-1-137-56973-8 <a href="https://link.springer.com/chapter/10.1057/978-1-137-56974-5_11">https://link.springer.com/chapter/10.1057/978-1-137-56974-5_11</a>
22	Nokkala, T., Culum, B., T Fumasoli, <i>Early Career Women in Academia: An Exploration of Networking Perceptions</i> , in Heather Eiggins (Ed.), <i>The Changing Role of Women in Higher Education</i> , Volume 17 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i> , pp 267-290, Springer, 2017. DOI: 10.1007/978-3-319-42436-1_14 ISBN: 978-3-319-42434-7 (Print) 978-3-319-42436-1 (Online) <a href="http://link.springer.com/chapter/10.1007/978-3-319-42436-1_14">http://link.springer.com/chapter/10.1007/978-3-319-42436-1_14</a> <a href="http://link.springer.com/book/10.1007/978-3-319-42436-1">http://link.springer.com/book/10.1007/978-3-319-42436-1</a>
23	*Wolbring, T., Treischl, E., Selection bias in students' evaluation of teaching, <i>Research in higher education</i> 57-1 (2016) 51–71. DOI: 10.1007/s11162-015-9378-7 Print ISSN 0361-0365 Online ISSN 1573-188X ISI Impact Factor: 1.500 (2016) <a href="http://link.springer.com/article/10.1007/s11162-015-9378-7">http://link.springer.com/article/10.1007/s11162-015-9378-7</a>
24	Elmgren, M., Forsberg, E., Geschwind, L., Life and work in academia, <i>Nordic Journal of Studies in Educational Policy</i> 2: 34001 2016 DOI: 10.3402/nstep.v2.34001 ISSN 1652-2729 <a href="http://nordstep.net/index.php/nstep/article/view/34001">http://nordstep.net/index.php/nstep/article/view/34001</a>
25	*Kehm, B.M., <i>The Influence of New Higher Education Professionals on Academic Work</i> , in Teichler, U., Cummings, W.K., (Eds), <i>Forming, Recruiting and Managing the Academic Profession</i> , <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i> vol. 14, 2015, pp 101-111, Springer, DOI: 10.1007/978-3-319-16080-1_6, Print ISBN : 978-3-319-16079-5, Online ISBN: 978-3-319-16080-1 <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_6">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_6</a>

26	*Santos, J.M., Horta, H., The generational gap of science: a dynamic cluster analysis of doctorates in an evolving scientific system, <i>Scientometrics</i> 104-1 (2015) 381-406. DOI: 10.1007/s11192-015-1558-x, Print ISSN 0138-9130, Online ISSN 1588-2861 ISI Impact Factor: 2.084 (2015) <a href="http://link.springer.com/article/10.1007/s11192-015-1558-x">http://link.springer.com/article/10.1007/s11192-015-1558-x</a>
27	Aarrevaara, T., <i>The Finnish academic profession in health-related sciences and social services</i> , in Carvalho, T., Santiago, R. (Eds), <i>Managerialism and Reform in Higher Education and the Health Services</i> , 2015, Palgrave Macmillan, p.64-78. ISBN 978-1-137-48699-8 <a href="https://books.google.ro/books?hl=en&amp;lr=&amp;id=GoukCgAAQBAJ&amp;oi=fnd&amp;pg=PA64&amp;ots=iGu5PfojJB&amp;sig=IXpeDxjbq1PCapEOG5DbOn3n0y0&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">https://books.google.ro/books?hl=en&amp;lr=&amp;id=GoukCgAAQBAJ&amp;oi=fnd&amp;pg=PA64&amp;ots=iGu5PfojJB&amp;sig=IXpeDxjbq1PCapEOG5DbOn3n0y0&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>
28	Teichler, U., <i>Higher Education Research in Europe</i> , in Curaj, A., Matei, L., Pricopie, R., Salmi, J., Scott, P. (Eds.), <i>The European Higher Education Area</i> , 2015, Springer International Publishing, pp 815-847. DOI: 10.1007/978-3-319-20877-0_50 Print ISBN 978-3-319-18767-9 Online ISBN 978-3-319-20877-0 <a href="http://link.springer.com/chapter/10.1007/978-3-319-20877-0_50">http://link.springer.com/chapter/10.1007/978-3-319-20877-0_50</a>
29	Wolbring, T., Treischl, E., Selection Bias in Students' Evaluation of Teaching: Causes of Student Absenteeism and Its Consequences for Course Ratings and Rankings, <i>Research in Higher Education</i> (2015) 1-21. DOI: 10.1007/s11162-015-9378-7 Print ISSN 0361-0365 Online ISSN 1573-188X ISI Impact Factor: 1.000 (2015) <a href="http://link.springer.com/article/10.1007/s11162-015-9378-7">http://link.springer.com/article/10.1007/s11162-015-9378-7</a>

2. Praisler, M., Gosav, S., Paduraru, N., Stoica Mandru, A., *Chapter 2 – Infrared spectroscopy*, pp. 35-60, in Ene, A. (Ed.), *Instrumental Techniques for Environmental Investigations – Methodological Guide*, Editura Tehnopress, Iasi, 2015. ISBN 978-606-687-233-1.

3. Domnisoru, D., Praisler, M., Domnisoru, L., *Metode chemometrice integrate pentru analiza si identificarea probelor ceramice*, Editura Fundatiei Universitare „Dunarea de Jos”, Galati, 2014, (384 pag.) ISBN: 978-973-627-512-8

4. Moraru, L., Praisler, M., Alecu Marin, S., Bentea, C.C., *The Academic Profession: Quality Assurance, Governance, Relevance, and Satisfaction*. in B. M. Kehm, U. Teichler (Eds.), *The Academic Profession in Europe: New Tasks and New Challenges, The Changing Academy – The Changing Academic Profession in International Comparative Perspective*, Volume 5, 2013, pp. 141-162, Springer, DOI: 10.1007/978-94-007-4614-5\_8, ISBN: 978-94-007-4613-8 (Print) 978-94-007-4614-5 (Online) <http://www.springerlink.com/content/x7574334p5736726/>

#### CARTE / LUCRARE\* CITATA IN

1	Whitchurch, C., From a diversifying workforce to the rise of the itinerant academic, <i>Higher Education</i> 77-4 (2019) 679 – 694. DOI: 10.1007/s10734-018-0294-6 Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-018-0294-6">https://link.springer.com/article/10.1007/s10734-018-0294-6</a>
2	Krücken, G., Multiple competitions in higher education: a conceptual approach, <i>Innovation</i> , Published online: 06 Nov 2019, Taylor & Francis DOI: 10.1080/14479338.2019.1684652 ISI Impact factor: 1.429 (2018) Print ISSN: 1447-9338 Online ISSN: 2204-0226 <a href="https://www.tandfonline.com/doi/abs/10.1080/14479338.2019.1684652">https://www.tandfonline.com/doi/abs/10.1080/14479338.2019.1684652</a>
3	Reale, E., Morettini, L., Zinilli, A., Moving, remaining, and returning: international mobility of doctorate holders in the social sciences and humanities, <i>Higher Education</i> 78-1 (2019) 17–32. DOI: 10.1007/s10734-018-0328-0 Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-018-0328-0">https://link.springer.com/article/10.1007/s10734-018-0328-0</a>
4	Kleimann, B., (German) Universities as multiple hybrid organizations, <i>Higher Education</i> 77-6 (2019) 1085–1102. DOI: 10.1007/s10734-018-0321-7 Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-018-0321-7">https://link.springer.com/article/10.1007/s10734-018-0321-7</a>
5	Teichler, U., The academics and their institutional environment in Japan – A view from outside, <i>Contemporary Japan</i> , Published online: 19 Mar 2019, DOI: 10.1080/18692729.2019.1586295 Print ISSN: 1869-2729 Online ISSN: 1869-27 <a href="https://www.tandfonline.com/doi/abs/10.1080/18692729.2019.1586295">https://www.tandfonline.com/doi/abs/10.1080/18692729.2019.1586295</a>
6	Rasmussen, P., Higher Education System Reform in Denmark in the Bologna Era, in Broucker, B., De Witt, K., Verhoeven, J. C., Leisyte, L., (Eds), <i>Higher Education System Reform: An International Comparison after Twenty Years of Bologna</i> , Brill, Sense, 2019, pp. 79 - 96. DOI:10.1163/9789004400115_006 ISBN: 978-90-04-40011-5 <a href="https://vbn.aau.dk/en/publications/higher-education-system-reform-in-denmark-in-the-bologna-era">https://vbn.aau.dk/en/publications/higher-education-system-reform-in-denmark-in-the-bologna-era</a>
7	Henke, J., Third Mission as an Opportunity for Professionalization in Science Management, <i>Publications</i> 2019, 7-4 (2019) 62. DOI: 10.3390/publications7040062 ISSN: 2304-6775 <a href="https://www.mdpi.com/2304-6775/7/4/62">https://www.mdpi.com/2304-6775/7/4/62</a>
8	Djerasimovic, S., Villani, M., Constructing academic identity in the European higher education space: Experiences of early career educational researchers, <i>European Educational Research Journal</i> , First Published August 6, 2019. DOI: 10.1177/1474904119867186 ISSN: 1474-9041. <a href="https://journals.sagepub.com/doi/abs/10.1177/1474904119867186">https://journals.sagepub.com/doi/abs/10.1177/1474904119867186</a>
9	Fahara, M. F., Tobías, J. A. T., Critical Aspects of the Professional Development of Higher Education Teachers, <i>American Journal of Education and Learning</i> 4-2 (2019) 234-247. e-ISSN:2518-6647 <a href="https://www.researchgate.net/profile/Manuel_Fahara/publication/335427559_Critical_Aspects_of_the_Professional_Development_of_Higher_Education_Teachers/links/5d693731458515088600cff5/Critical-Aspects-of-the-Professional-Development-of-Higher-Education-Teachers.pdf">https://www.researchgate.net/profile/Manuel_Fahara/publication/335427559_Critical_Aspects_of_the_Professional_Development_of_Higher_Education_Teachers/links/5d693731458515088600cff5/Critical-Aspects-of-the-Professional-Development-of-Higher-Education-Teachers.pdf</a>

10	Kwiek, M., <i>Changing European Academics: A Comparative Study of Social Stratification, Work Patterns and Research Productivity</i> , 2018, Taylor and Francis. <a href="https://www.crcpress.com/Changing-European-Academics-A-Comparative-Study-of-Social-Stratification/Kwiek/p/book/9780815396482">https://www.crcpress.com/Changing-European-Academics-A-Comparative-Study-of-Social-Stratification/Kwiek/p/book/9780815396482</a>
11	Clancy, P., Marginson, S., <i>Comparative Data on High Participation Systems</i> , in Cantwell, B., Simon Marginson, S., Smolentseva, A. (Eds.), <i>High Participation Systems of Higher Education</i> , 2018, Oxford University Press. <a href="https://books.google.ro/books?hl=ro&amp;lr=&amp;id=jM90DwAAQBAJ&amp;oi=fnd&amp;pg=PA39&amp;ots=f-uf2908i-&amp;sig=inc9TZjY9_jL8rCybWIOG-zs8vE&amp;redir_esc=v#v=onepage&amp;q&amp;f=false">https://books.google.ro/books?hl=ro&amp;lr=&amp;id=jM90DwAAQBAJ&amp;oi=fnd&amp;pg=PA39&amp;ots=f-uf2908i-&amp;sig=inc9TZjY9_jL8rCybWIOG-zs8vE&amp;redir_esc=v#v=onepage&amp;q&amp;f=false</a>
12	Reale, E., Morettini, L., Zinilli, A., <i>Moving, remaining, and returning: international mobility of doctorate holders in the social sciences and humanities</i> , <i>Higher Education</i> First Online: 31 October 2018. Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-018-0328-0">https://link.springer.com/article/10.1007/s10734-018-0328-0</a>
13	Hermanowicz, J.C., (2018) <i>The Professoriate in International Perspective</i> . In: Paulsen M. (eds) <i>Higher Education: Handbook of Theory and Research</i> . Higher Education: Handbook of Theory and Research, vol 33. Springer, Cham DOI: 10.1007/978-3-319-72490-4_6 Print ISBN 978-3-319-72489-8 Online ISBN 978-3-319-72490-4 <a href="https://link.springer.com/chapter/10.1007/978-3-319-72490-4_6">https://link.springer.com/chapter/10.1007/978-3-319-72490-4_6</a>
14	Pinheiro, R., <i>Towards a strategic alignment: Regional challenges and university tensions in peripheral geographies</i> , in Benneworth, P., (Ed.) <i>Universities and Regional Economic Development</i> , Taylor & Francis, 2018. <a href="https://www.taylorfrancis.com/books/e/9781351685719/chapters/10.4324%2F978135168357-13">https://www.taylorfrancis.com/books/e/9781351685719/chapters/10.4324%2F978135168357-13</a>
15	Fumasoli, T. and Seeber, M., <i>Scholarly or socially relevant? An examination of European academic associations, contribution to the special issue Transnational Actors in the Multi - Level Governance of Knowledge Policies</i> , edited by Fumasoli, T., Stensaker, B., Vukasovic, M., <i>European Educational Research Journal</i> 17-3 (2018). eISSN: 14749041   ISSN: 14749041 ISI Impact factor: 0.1 (2017) <a href="http://journals.sagepub.com/doi/abs/10.1177/1474904117727869">http://journals.sagepub.com/doi/abs/10.1177/1474904117727869</a>
16	Zimmer, L. M., <i>Das Kapital der Juniorprofessur</i> , Springer, 2018. <a href="https://link.springer.com/book/10.1007%2F978-3-658-22726-5">https://link.springer.com/book/10.1007%2F978-3-658-22726-5</a>
17	Kleimann, B., (German) <i>Universities as multiple hybrid organizations</i> , <i>Higher Education</i> , First Online: 26 October 2018, Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-018-0321-7">https://link.springer.com/article/10.1007/s10734-018-0321-7</a>
18	Teichler U. <i>Hochschulbildung</i> . In: Tippelt R., Schmidt-Hertha B. (eds) <i>Handbuch Bildungsforschung</i> . Springer Reference Sozialwissenschaften. Springer VS, Wiesbaden, 2018, pp 505-548. DOI: 10.1007/978-3-531-19981-8_21 Print ISBN: 978-3-531-19980-1, On line ISBN: 978-3-531-19981-8 <a href="https://link.springer.com/chapter/10.1007/978-3-531-19981-8_21">https://link.springer.com/chapter/10.1007/978-3-531-19981-8_21</a>
19	*Sutherland, K. A., <i>Resources, Training, and Support for Early Career Academics: Mixed Messages and Unfulfilled Expectations</i> , in Sutherland, K. A.(Ed.), <i>Early Career Academics in New Zealand: Challenges and Prospects in Comparative Perspective</i> , pp 157-179, Springer, 2018. ISBN: 978-3-319-61829-6 (Print) 978-3-319-61830-2 (Online) <a href="https://link.springer.com/chapter/10.1007/978-3-319-61830-2_8">https://link.springer.com/chapter/10.1007/978-3-319-61830-2_8</a>
20	*Pekkola, E., Siekkinen, T., Kivistö, J., & Lyytinen, A., <i>Management and academic profession: comparing the Finnish professors with and without management positions</i> , <i>Studies in Higher Education</i> 43-11 (2018) 1949-1963. ISSN: 0307-5079 eISSN: 1470-174X ISI Impact factor: 2.854 (2018) <a href="https://www.tandfonline.com/doi/abs/10.1080/03075079.2017.1294578">https://www.tandfonline.com/doi/abs/10.1080/03075079.2017.1294578</a>
21	Baltaru, R. D., Soysal, Y. N., <i>Administrators in higher education: organizational expansion in a transforming institution</i> , <i>Higher Education</i> 76 (2018) 213–229, DOI: 10.1007/s10734-017-0204-3 Print ISSN 0018-1560 Online ISSN 1573-174X ISI Impact factor: 3.005 (2018) <a href="https://link.springer.com/article/10.1007/s10734-017-0204-3">https://link.springer.com/article/10.1007/s10734-017-0204-3</a>
22	Daniel, B. K., <i>Contestable professional academic identity of those who teach research methodology</i> , <i>International Journal of Research &amp; Method in Education</i> 41-5 (2018) 548-561, DOI: 10.1080/1743727X.2017.1369510 Print ISSN: 1743-727X Online ISSN: 1743-7288 ISI Impact factor: 0.1 (2018) <a href="https://www.tandfonline.com/doi/abs/10.1080/1743727X.2017.1369510">https://www.tandfonline.com/doi/abs/10.1080/1743727X.2017.1369510</a>
23	*Jones, S., Harvey, M., Hamilton, J., <i>Demonstrating the impact of a distributed leadership approach in higher education</i> , <i>Journal of Higher Education Policy and Management</i> 39-2 (2017) 197-211. DOI: 10.1080/1360080X.2017.1276567 ISSN 1360-080X (Print), 1469-9508 (Online) ISI Impact factor: 0.814 (2017) <a href="http://www.tandfonline.com/doi/abs/10.1080/1360080X.2017.1276567">http://www.tandfonline.com/doi/abs/10.1080/1360080X.2017.1276567</a>
24	Whitchurch, C., Gordon, G., <i>Reconstructing Relationships in Higher Education: Challenging Agendas</i> , Routledge, 2017 ISBN-13: 978-1138810815 <a href="https://books.google.ro/books?hl=en&amp;lr=&amp;id=Cf8nDwAAQBAJ&amp;oi=fnd&amp;pg=PT14&amp;ots=39azl25tQf&amp;sig=hFXmvOiz0-Ezx_BKr7SM2AjKc0w&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">https://books.google.ro/books?hl=en&amp;lr=&amp;id=Cf8nDwAAQBAJ&amp;oi=fnd&amp;pg=PT14&amp;ots=39azl25tQf&amp;sig=hFXmvOiz0-Ezx_BKr7SM2AjKc0w&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>
25	Kwiek, M., <i>A generational divide in the academic profession: A mixed quantitative and qualitative approach to the Polish case</i> , <i>European Educational Research Journal</i> June 2017 pp. 1- 25. DOI: 10.1177/1474904116689684 ISSN: 1474-9041 ISI Impact factor : 0.1 (2017) <a href="http://journals.sagepub.com/doi/10.1177/1474904116689684">http://journals.sagepub.com/doi/10.1177/1474904116689684</a>
26	Araújo, E., Barros, V., <i>“MODO DEADLINE”: UMA ANÁLISE SOBRE O TEMPO DAS MULHERES ACADÊMICAS</i> , <i>Revista Tempos e Espaços em Educação</i> 10-22 (2017) 173 – 186. DOI: 10.20952/revtee.v10i22.6440 ISSN: 1983-6597 <a href="https://seer.ufs.br/index.php/revtee/article/view/6440/pdf_1">https://seer.ufs.br/index.php/revtee/article/view/6440/pdf_1</a>
27	Bacevic, J., <i>Beyond the Third Mission: Toward an Actor-Based Account of Universities' Relationship with Society</i> . In: Ergül H., Coşar S. (eds) <i>Universities in the Neoliberal Era</i> . (2017) Palgrave Critical University Studies. Palgrave

	Macmillan, London DOI:10.1057/978-1-137-55212-9_2 Print ISBN 978-1-137-55211-2 <a href="https://link.springer.com/chapter/10.1057/978-1-137-55212-9_2">https://link.springer.com/chapter/10.1057/978-1-137-55212-9_2</a>
28	Jones, S., Harvey, M., Hamilton, J., McKenzie, J., Demonstrating the impact of a distributed leadership approach in higher education, <i>Journal of Higher Education Policy and Management</i> 39-2 (2017) 197-211. DOI: 10.1080/1360080X.2017.1276567 ISSN 1360-080X (Print), 1469-9508 (Online) ISI Impact factor: 0.814 (2017) <a href="http://www.tandfonline.com/doi/abs/10.1080/1360080X.2017.1276567?journalCode=cjhe20">http://www.tandfonline.com/doi/abs/10.1080/1360080X.2017.1276567?journalCode=cjhe20</a>
29	Teichler, U., <i>Hochschulbildung</i> , in <i>Handbuch Bildungsforschung</i> , part of the series <i>Reference Sozialwissenschaften</i> , pp 1-44, Springer, 2016. DOI: 10.1007/978-3-531-20002-6_21-1 Online ISBN: 978-3-531-20002-6 <a href="http://link.springer.com/referenceworkentry/10.1007/978-3-531-20002-6_21-1">http://link.springer.com/referenceworkentry/10.1007/978-3-531-20002-6_21-1</a>
30	Davis, A., Jansen, M., van Rensburg, M. J., Venter, P., The impact of managerialism on the strategy work of university middle managers, <i>Studies in Higher Education</i> 41-8 (2016) 1480-1494. DOI: 10.1080/03075079.2014.981518 ISSN: 0307-5079 eISSN: 1470-174X ISI Impact factor: 1.527 (2016) <a href="http://srhe.tandfonline.com/doi/abs/10.1080/03075079.2014.981518">http://srhe.tandfonline.com/doi/abs/10.1080/03075079.2014.981518</a>
31	Turk, M., Ledic, J., Between teaching and research: challenges of the academic profession in Croatia, <i>CEPS Journal: Center for Educational Policy Studies Journal</i> 6-1 (2016) 95-111. <a href="http://search.proquest.com/openview/f4595d1ae2dba3a0607b4817d8b769aa/1?pq-origsite=gscholar&amp;cbl=1336356">http://search.proquest.com/openview/f4595d1ae2dba3a0607b4817d8b769aa/1?pq-origsite=gscholar&amp;cbl=1336356</a>
32	Turk, M., Rončević, N., Ledic, J., Research Management Competencies: Croatian Academics' Perspective, <i>The European Proceedings of Social &amp; Behavioral Sciences EpSBS</i> 2016, p. 1-12. eISSN: 2357-1330 <a href="http://www.futureacademy.org.uk/files/images/upload/18_4745_7525_fullText_1_28.pdf">http://www.futureacademy.org.uk/files/images/upload/18_4745_7525_fullText_1_28.pdf</a>
33	Kallenberg, T., <i>Interacting Spheres Revisited</i> , in Pritchard, R. M. O., Pausits, A., Williams, J., <i>Positioning Higher Education Institutions</i> , Springer, 2016, p.177-197. DOI: 10.1007/978-94-6300-660-6_10 ISBN: 978-94-6300-660-6 (Online) <a href="http://link.springer.com/book/10.1007/978-94-6300-660-6">http://link.springer.com/book/10.1007/978-94-6300-660-6</a>
34	Karlsson, S., Rytberg, M., Those who walk the talk: the role of administrative professionals in transforming universities into strategic actors, <i>Nordic Journal of Studies in Educational Policy</i> 2: 31537 2016 DOI: 10.3402/nstep.v2.31537 ISSN 1652-2729 <a href="http://nordstep.net/index.php/nstep/article/view/31537">http://nordstep.net/index.php/nstep/article/view/31537</a>
35	Wiseman, A. W., Davidson, P. M., <i>A Synthesis of Published Comparative Education Research, 2014–2015: Further Data for Reflection in Comparative and International Education</i> , in Wiseman, A. W. (ed.) <i>Annual Review of Comparative and International Education 2016 (International Perspectives on Education and Society, Volume 30)</i> Emerald Group Publishing Limited, pp.1 – 23 DOI: 10.1108/S1479-367920160000030021 ISBN: 978-1-78635-528-7 eISBN: 978-1-78635-527-0 <a href="http://www.emeraldinsight.com/doi/abs/10.1108/S1479-367920160000030021">http://www.emeraldinsight.com/doi/abs/10.1108/S1479-367920160000030021</a>
36	Fremstad, E., <i>Taking responsibility toward the public: University academics' imaginaries and experiences</i> , PhD Thesis, University of Oslo, 2016. <a href="https://www.duo.uio.no/handle/10852/51043">https://www.duo.uio.no/handle/10852/51043</a>
37	Elmgren, M., Forsberg, E., Geschwind, L., Life and work in academia, <i>Nordic Journal of Studies in Educational Policy</i> 2: 34001 DOI: 10.3402/nstep.v2.34001 ISSN 1652-2729 <a href="http://nordstep.net/index.php/nstep/article/view/34001">http://nordstep.net/index.php/nstep/article/view/34001</a>
38	Kovačević, M., Mihaljević, S., <i>New Developments in Doctoral Education</i> , in Zinner, L., <i>Professionals in Doctoral Education</i> , 2016. ISBN 9783200047167 <a href="http://bib.irb.hr/prikazi-rad?rad=838429">http://bib.irb.hr/prikazi-rad?rad=838429</a>
39	Renteria, A. L., <i>Identidades académicas en cambio en el seno de la universidad multilingüe</i> , Papeles del CEIC 2016 <a href="http://www.ehu.eus/ojs/index.php/papelesCEIC/article/view/15978">http://www.ehu.eus/ojs/index.php/papelesCEIC/article/view/15978</a>
40	Kollasch, A., Rios-Aguilar, C., Torres-Olave, B., <i>Exploring Social Network Ties of US Academics: The Importance of Employee Status, Institutional Type, Discipline, and Geography</i> , in <i>Re-becoming Universities?</i> , Volume 15 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i> , 2016, pp 283-308. DOI: 10.1007/978-94-017-7369-0_11 Print ISBN: 978-94-017-7368-3 Online ISBN: 978-94-017-7369-0 <a href="http://link.springer.com/chapter/10.1007/978-94-017-7369-0_11">http://link.springer.com/chapter/10.1007/978-94-017-7369-0_11</a> <a href="http://link.springer.com/book/10.1007/978-94-017-7369-0">http://link.springer.com/book/10.1007/978-94-017-7369-0</a>
41	Kleimann, B., <i>Universitätsorganisation und präsidiale Leitung: Führungspraktiken in einer multiplen Hybridorganisation</i> , Springer, 2016. DOI: 10.1007/978-3-658-11837-2 ISBN: 978-3-658-11836-5 (Print) 978-3-658-11837-2 (Online) <a href="http://link.springer.com/book/10.1007/978-3-658-11837-2">http://link.springer.com/book/10.1007/978-3-658-11837-2</a>
42	Rider, S., Science and speed addiction: the scholar's vocation in the age of efficiency, <i>Nordic Journal of Studies in Educational Policy</i> 2: 33725 2016 DOI: 10.3402/nstep.v2.33725 ISSN 1652-2729 <a href="http://nordstep.net/index.php/nstep/article/view/33725">http://nordstep.net/index.php/nstep/article/view/33725</a>
43	Walters, W. H. The Faculty Subculture, the Librarian Subculture, and Librarians' Scholarly Productivity, <i>Libraries and the Academy</i> 16-4 (2016) 817-843. DOI: 10.1353/pla.2016.0054 <a href="https://muse.jhu.edu/article/632347/summary">https://muse.jhu.edu/article/632347/summary</a>
44	Fumasoli, T., Goastellec, G., Kehm B. M., <i>Introduction: Understanding Change in the Academic Profession Through the Perceptions of Academics and Institutional Leadership</i> , in Fumasoli, T., Goastellec, G., Kehm B. M. (Eds), <i>Academic Work and Careers in Europe: Trends, Challenges, Perspectives</i> , Volume 12 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i> , 2015, Springer, pp 1-12. DOI: 10.1007/978-3-319-10720-2_1 Print ISBN 978-3-319-10719-6 Online ISBN 978-3-319-10720-2 <a href="http://link.springer.com/chapter/10.1007/978-3-319-10720-2_1">http://link.springer.com/chapter/10.1007/978-3-319-10720-2_1</a>
45	Kehm B. M., <i>Academics and New Higher Education Professionals: Tensions, Reciprocal Influences and Forms of Professionalization</i> , in Fumasoli, T., Goastellec, G., Kehm B. M. (Eds), <i>Academic Work and Careers in Europe: Trends,</i>

	<p><i>Challenges, Perspectives</i>, Volume 12 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i>, 2015, Springer, pp 177-200. DOI: 10.1007/978-3-319-10720-2_9  Print ISBN 978-3-319-10719-6 Online ISBN 978-3-319-10720-2  <a href="http://link.springer.com/chapter/10.1007/978-3-319-10720-2_9">http://link.springer.com/chapter/10.1007/978-3-319-10720-2_9</a></p>
46	<p>Fumasoli, T., Goastellec, G., Kehm B. M., <i>Academic Careers and Work in Europe: Trends, Challenges, Perspectives</i>, in Fumasoli, T., Goastellec, G., Kehm B. M. (Eds), <i>Academic Work and Careers in Europe: Trends, Challenges, Perspectives</i>, Volume 12 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i>, 2015, Springer, pp 201-214. DOI: 10.1007/978-3-319-10720-2_10  Print ISBN 978-3-319-10719-6 Online ISBN 978-3-319-10720-2  <a href="http://link.springer.com/chapter/10.1007/978-3-319-10720-2_10">http://link.springer.com/chapter/10.1007/978-3-319-10720-2_10</a></p>
47	<p>Cruz-Castro, L., Pereira-Puga, M., Benítez-Amado, A., Sanz-Menéndez, L., <i>Promotion and Systems of Promotion in Academic Careers</i>, <i>The 2015 Annual Conference of the EU-SPRI Forum - Innovation policies for economic and social transitions: Developing strategies for knowledge, practices and organizations</i>, Helsinki, 2015.  <a href="http://euspri-helsinki2015.org/abstracts/pdf/4A3_EU-SPRI_Helsinki_2015_General_Cruz-Castro.pdf">http://euspri-helsinki2015.org/abstracts/pdf/4A3_EU-SPRI_Helsinki_2015_General_Cruz-Castro.pdf</a></p>
48	<p>Pinheiro, R., Antonowicz, D., <i>Opening the gates or coping with the flow? Governing access to higher education in Northern and Central Europe</i>, <i>Higher Education</i> 70-3 (2015) 299 – 313. DOI: 10.1007/s10734-014-9830-1  Print ISSN 0018-1560 Online ISSN 1573-174X Impact factor 1.207 (2015).  <a href="http://link.springer.com/article/10.1007/s10734-014-9830-1">http://link.springer.com/article/10.1007/s10734-014-9830-1</a></p>
49	<p>Kwiek, M., <i>Inequality in Academic knowledge production - The Role of Research Top Performers across Europe</i>, in Emanuela Reale, E., Primeri, E. (Eds), <i>The Transformation of University Institutional and Organizational Boundaries</i>, Part of the series <i>Higher Education Research in the 21st Century Series</i>, 2015, Sense Publishers, pp 203-230.  DOI: 10.1007/978-94-6300-178-6_10 Online ISBN 978-94-6300-178-6  <a href="http://link.springer.com/chapter/10.1007/978-94-6300-178-6_10">http://link.springer.com/chapter/10.1007/978-94-6300-178-6_10</a></p>
50	<p>Watermeyer, R., <i>Lost in the 'third space': the impact of public engagement in higher education on academic identity, research practice and career progression</i>, <i>European Journal of Higher Education</i> 5-3 (2015) 331-347.  DOI: 10.1080/21568235.2015.1044546 ISSN 2156-8235 (Print), 2156-8243 (Online)  <a href="http://www.tandfonline.com/doi/abs/10.1080/21568235.2015.1044546">http://www.tandfonline.com/doi/abs/10.1080/21568235.2015.1044546</a></p>
51	<p>Finkelstein, M. J., <i>How National Contexts Shape Academic Careers: A Preliminary Analysis</i>, in Teichler, U., Cummings, W. K., (Eds.) <i>Forming, Recruiting and Managing the Academic Profession</i>, Volume 14 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i>, 2015, Springer International Publishing, pp. 317-328. DOI: 10.1007/978-3-319-16080-1 ISBN: 978-3-319-16079-5 (Print) 978-3-319-16080-1 (Online)  <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_17">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_17</a></p>
52	<p>Larrinaga, A., Amurrio, M., <i>Internationalisation in higher education and its impact in multilingual contexts: redefining identities of Basque-speaking academics</i>, <i>Language, Culture and Curriculum</i> 28-2 (2015) 158-169.  DOI:10.1080/07908318.2015.1027215 ISSN: 0790-8318 eISSN: 1747-7573 Impact factor 0.816 (2015)  <a href="http://www.tandfonline.com/doi/abs/10.1080/07908318.2015.1027215">http://www.tandfonline.com/doi/abs/10.1080/07908318.2015.1027215</a></p>
53	<p>Rostan, M., Ceravolo, F. A., Vaira, M., <i>Higher education professionals facing managerialism: a quantitative international comparison</i>, in Klenk, T., Pavolini, E., (Eds), <i>Restructuring Welfare Governance: Marketization, Managerialism and Welfare State Professionalism</i>, 2015, Edward Elgar Publishing, pp. 215 – 218. ISBN: 978 1 78347 576 6  <a href="http://www.e-elgar.com/shop/restructuring-welfare-governance">http://www.e-elgar.com/shop/restructuring-welfare-governance</a></p>
54	<p>Schwartzman, S., Pinheiro, R., Pillay, P., <i>The Rise of the BRICS and Higher Education Dynamics</i>, in Schwartzman, S., Pinheiro, R., Pillay, P., (Eds), <i>Higher Education in the BRICS Countries</i>, Volume 44 of the series <i>Higher Education Dynamics</i>, 2015, Springer, pp 1-10. DOI: 10.1007/978-94-017-9570-8_1  ISBN: 978-94-017-9569-2 (Print) 978-94-017-9570-8 (Online)  <a href="http://link.springer.com/chapter/10.1007/978-94-017-9570-8_1#page-1">http://link.springer.com/chapter/10.1007/978-94-017-9570-8_1#page-1</a></p>
55	<p>Johnsen, H. C. G., Torjesen, S., Ennals, R., <i>The Challenge of Mutual Competence Building</i>, in Johnsen, H. Chr. G., Torjesen, S., Ennals, R., (Eds), <i>Higher Education in a Sustainable Society</i>, Part of the series <i>CSR, Sustainability, Ethics &amp; Governance</i>, 2015, Springer International Publishing, pp. 259-270. DOI: 10.1007/978-3-319-15919-5_16  ISBN: 978-3-319-15918-8 (Print) 978-3-319-15919-5 (Online)  <a href="http://link.springer.com/chapter/10.1007/978-3-319-15919-5_16">http://link.springer.com/chapter/10.1007/978-3-319-15919-5_16</a></p>
56	<p>*Cruz-Castro, L., Pereira-Puga, M., Benítez-Amado, A., <i>Promotion and Systems of Promotion in Academic Careers</i>, <i>The 2015 Annual Conference of the EU-SPRI Forum Innovation policies for economic and social transitions: Developing strategies for knowledge, practices and organizations</i>  <a href="http://euspri-helsinki2015.org/abstracts/pdf/4A3_EU-SPRI_Helsinki_2015_General_Cruz-Castro.pdf">http://euspri-helsinki2015.org/abstracts/pdf/4A3_EU-SPRI_Helsinki_2015_General_Cruz-Castro.pdf</a></p>
57	<p>Pinheiro, R., Faghihmani, M., Trondal, J., <i>Translating the Global Script of the Sustainable University: The Case of the University of Oslo</i>, <i>Higher Education in a Sustainable Society</i>, Part of the series <i>CSR, Sustainability, Ethics &amp; Governance</i>, 2015, Springer International Publishing, pp 209-227. DOI: 10.1007/978-3-319-15919-5_13  Print ISBN 978-3-319-15918-8 Online ISBN 978-3-319-15919-5  <a href="http://link.springer.com/chapter/10.1007/978-3-319-15919-5_13">http://link.springer.com/chapter/10.1007/978-3-319-15919-5_13</a></p>
58	<p>Rostan, M., <i>International Aspects of Academic Work and Career at the Beginning of the Twenty-First Century</i>, in Teichler, U., Cummings, W. K., (Eds.) <i>Forming, Recruiting and Managing the Academic Profession</i>, Volume 14 of the series <i>The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i>, 2015,</p>

	Springer International Publishing, pp. 241-258. DOI: 10.1007/978-3-319-16080-1 ISBN: 978-3-319-16079-5 (Print) 978-3-319-16080-1 (Online) <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_13">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_13</a>
59	Rostan, M., Ceravolo, F. A., The Internationalisation of the Academy: Convergence and Divergence across Disciplines, <i>European Review</i> 23 - S1 (2015) S38-S54. DOI: <a href="http://dx.doi.org/10.1017/S1062798714000763">http://dx.doi.org/10.1017/S1062798714000763</a> ISSN: 1062-7987 eISSN: 1474-0575 ISI Impact factor: 0.136 (2014) <a href="http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=9621799&amp;fileId=S1062798714000763">http://journals.cambridge.org/action/displayAbstract?fromPage=online&amp;aid=9621799&amp;fileId=S1062798714000763</a>
60	Teichler, U., <i>Higher Education Research in Europe</i> , The European Higher Education Area, 2015, Springer International Publishing, pp 815-847. DOI: 10.1007/978-3-319-20877-0_50 Print ISBN 978-3-319-18767-9 Online ISBN 978-3-319-20877-0 <a href="http://link.springer.com/chapter/10.1007/978-3-319-20877-0_50">http://link.springer.com/chapter/10.1007/978-3-319-20877-0_50</a>
61	Slowey, M., Kozina, E., Perspectives on Professional Development: The Voice of Irish Academics, in Teichler, U., Cummings, W. K., (Eds.) <i>Forming, Recruiting and Managing the Academic Profession</i> , Volume 14 of the series The Changing Academy – The Changing Academic Profession in International Comparative Perspective, 2015, Springer International Publishing, pp. 271-295. DOI: 10.1007/978-3-319-16080-1_15 ISBN: 978-3-319-16079-5 (Print) 978-3-319-16080-1 (Online) <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_15">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_15</a>
62	Whitchurch, C., The Rise of Third Space Professionals: Paradoxes and Dilemmas, in Teichler, U., Cummings, W. K., (Eds.) <i>Forming, Recruiting and Managing the Academic Profession</i> , Volume 14 of the series The Changing Academy – The Changing Academic Profession in International Comparative Perspective, 2015, Springer International Publishing, pp. 79-99. DOI: 10.1007/978-3-319-16080-1_5 ISBN: 978-3-319-16079-5 (Print) 978-3-319-16080-1 (Online) <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_5">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_5</a>
63	Davis, A., Jansen van Rensburg, M., Venter, P., The impact of managerialism on the strategy work of university middle managers, <i>Studies in Higher Education</i> published on-line 6 December 2014 DOI: 10.1080/03075079.2014.981518 ISSN: 0307-5079 eISSN: 1470-174X <a href="http://www.tandfonline.com/doi/abs/10.1080/03075079.2014.981518">http://www.tandfonline.com/doi/abs/10.1080/03075079.2014.981518</a>
64	Pinheiro, R., Geschwind, L., Aarveaara, T., Nested tensions and interwoven dilemmas in higher education: the view from the Nordic countries, <i>Cambridge Journal of Regions Economy and Society</i> 7-2 (2014) 233-250. DOI: 10.1093/cjres/rsu002 ISSN: 1752-1378 eISSN: 1752-1386 ISI Impact factor: 1.148 (2014) <a href="http://cjres.oxfordjournals.org/content/7/2/233.short">http://cjres.oxfordjournals.org/content/7/2/233.short</a>
65	Kolsaker, A., Relocating professionalism in an English university, <i>Journal of Higher Education Policy and Management</i> 36-2 (2014) 129-142. DOI: 10.1080/1360080X.2013.861053 ISSN 1360-080X (Print), 1469-9508 (Online) <a href="http://www.tandfonline.com/doi/abs/10.1080/1360080X.2013.861053">http://www.tandfonline.com/doi/abs/10.1080/1360080X.2013.861053</a>
66	Forest, J. J. F., Academe: A Profession Like No Other, in A. Maldonado – Maldonado and R.M. Bassett (eds.), <i>The Forefront of International Higher Education: A Festschrift in Honor of P. Altbach</i> , Higher Education Dynamics 42, Springer Science + Business Media, Dordrecht, 2014. DOI: 10.1007/978-94-007-7085-0_2 Print ISBN 978-94-007-7084-3 Online ISBN 978-94-007-7085-0 <a href="http://link.springer.com/chapter/10.1007%2F978-94-007-7085-0_2">http://link.springer.com/chapter/10.1007%2F978-94-007-7085-0_2</a>
67	Flander, A., Klemencic, M., Will Academics Drive or Obstruct the Slovenian Government's Internationalisation Agenda for Higher Education?, <i>CEPS Journal : Center for Educational Policy Studies Journal</i> 4-2 (2014) 27-48. ISSN 1855-9719 (printed edition) ISSN 2232-2647 (online edition) <a href="http://www.pedocs.de/volltexte/2014/9205/pdf/cepsj_2014_2_Flander_Klemencic_Will_academics_drive_or_obstruct_the_Slovenian.pdf">http://www.pedocs.de/volltexte/2014/9205/pdf/cepsj_2014_2_Flander_Klemencic_Will_academics_drive_or_obstruct_the_Slovenian.pdf</a>
68	Teichler, U., <i>Doctoral Education and Training - A View Across Countries and Disciplines</i> , pp 1-25, in <i>The Nurturing of New Educational Researchers</i> , SensePublishers, 2014. DOI: 10.1007/978-94-6209-698-1_1 Online ISBN 978-94-6209-698-1 <a href="http://link.springer.com/chapter/10.1007/978-94-6209-698-1_1">http://link.springer.com/chapter/10.1007/978-94-6209-698-1_1</a>
69	Carvalho, T., The academic profession in Europe: new tasks and new challenges / The work situation of the academic profession in Europe: findings of a survey in twelve countries, Book review in <i>European Journal of Higher Education</i> , published on-line 14 March 2014, DOI: 10.1080/21568235.2014.890525, ISSN 2156-8235 (Print), 2156-8243 (Online) <a href="http://www.tandfonline.com/doi/abs/10.1080/21568235.2014.890525?journalCode=rehe20#UzLRnT-SxOo">http://www.tandfonline.com/doi/abs/10.1080/21568235.2014.890525?journalCode=rehe20#UzLRnT-SxOo</a>
70	Altbach, P.G., <i>The Complexity of Higher Education – A Career in Academics and Activism</i> , in A. Maldonado – Maldonado and R.M. Bassett (eds.), <i>The Forefront of International Higher Education: A Festschrift in Honor of P. Altbach</i> , Higher Education Dynamics 42, Springer Science + Business Media, Dordrecht, 2014. DOI: 10.1007/978-94-007-7085-0_1. <a href="http://link.springer.com/chapter/10.1007/978-94-007-7085-0_1#page-1">http://link.springer.com/chapter/10.1007/978-94-007-7085-0_1#page-1</a>
71	Finkelstein, M., <i>How Does National Context Shape Academic Work and Careers? The Prospects for Some Empirical Answers</i> , in A. Maldonado – Maldonado and R.M. Bassett (eds.), <i>The Forefront of International Higher Education: A Festschrift in Honor of P. Altbach</i> , Higher Education Dynamics 42, Springer Science + Business Media, Dordrecht, 2014. DOI: 10.1007/978-94-007-7085-0_3. <a href="http://link.springer.com/chapter/10.1007/978-94-007-7085-0_3#page-1">http://link.springer.com/chapter/10.1007/978-94-007-7085-0_3#page-1</a>
72	Cognetti, F., La third mission dell'università. Lo spazio di soglia tra città e accademia, <i>Territorio</i> 66 (2013) 18-22, DOI: 10.3280/TR2013-066003 ISSN 1825-8689, ISSN e 2239-6330 <a href="http://www.francoangeli.it/riviste/Scheda_rivista.aspx?IDArticolo=49093">http://www.francoangeli.it/riviste/Scheda_rivista.aspx?IDArticolo=49093</a>
73	Whitchurch, C., <i>Reconstructing identities in higher education: The rise of third space professionals</i> , Society for Research in Higher Education, London UK, 2013. ISBN 978-0-415-56466-3. <a href="http://www.google.ro/books?hl=ro&amp;lr=&amp;id=pCsaoyY4FFcC&amp;oi=fnd&amp;pg=PP2&amp;ots=yv5S8_M40p&amp;sig=mLhxECWkofvI9PItmq5zTGQMGfQ&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">http://www.google.ro/books?hl=ro&amp;lr=&amp;id=pCsaoyY4FFcC&amp;oi=fnd&amp;pg=PP2&amp;ots=yv5S8_M40p&amp;sig=mLhxECWkofvI9PItmq5zTGQMGfQ&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>
74	Teichler, U., Höhle, E.A. (Eds), <i>The Work Situation of the Academic Profession in Europe: Findings of a Survey in 12 Countries</i> , in <i>The changing Academy- The changing Academic Profession in International Comparative Perspective</i> 8,

	DOI 10.1007/978-94-007-5977-0_1, Springer Science+ Business Media, Dordrecht, 2013 <a href="http://link.springer.com/chapter/10.1007/978-94-007-5977-0_1#page-1">http://link.springer.com/chapter/10.1007/978-94-007-5977-0_1#page-1</a>
75	Klemenčič, M., Brennan, J., Institutional research in a European context: a forward look, <i>European Journal of Higher Education</i> , 3-3 (2013) 265-279. DOI: 10.1080/21568235.2013.823726. ISSN: 2156-8235 (Print), 2156-8243 (Online) <a href="http://www.tandfonline.com/doi/abs/10.1080/21568235.2013.823726#.UzLWgT-SxOp">http://www.tandfonline.com/doi/abs/10.1080/21568235.2013.823726#.UzLWgT-SxOp</a>
76	Fumasoli, T., Stensaker, B., Organizational Studies in Higher Education: A Reflection on Historical Themes and Prospective Trends, <i>Higher Education Policy</i> 26 (2013) 479–496. DOI:10.1057/hep.2013.25 . ISSN 0952-8733, eISSN 1740-3863. Impact factor 0.415 (2013). <a href="http://www.palgrave-journals.com/hep/about.html#ISSN-and-EISSN">http://www.palgrave-journals.com/hep/about.html#ISSN-and-EISSN</a>
77	Kolsaker, A., Relocating professionalism in an English university, <i>Journal of Higher Education Policy and Management</i> , Published online: 07 Dec 2013. DOI:10.1080/1360080X.2013.861053 ISSN 1360-080X (Print), 1469-9508 (Online) <a href="http://www.tandfonline.com/doi/abs/10.1080/1360080X.2013.861053#.UzLcXD-SxOo">http://www.tandfonline.com/doi/abs/10.1080/1360080X.2013.861053#.UzLcXD-SxOo</a>
78	*Dowling-Hetherington, L., The changing shape of university decision-making processes and the consequences for faculty participation in Ireland, <i>Tertiary Education and Management</i> , 19-3 (2013) 219-232. DOI: 10.1080/13583883.2013.790071 ISSN: 1358-3883 (Print), 1573-1936 (Online) <a href="http://www.tandfonline.com/doi/abs/10.1080/13583883.2013.790071#.Vczl6bLtmko">http://www.tandfonline.com/doi/abs/10.1080/13583883.2013.790071#.Vczl6bLtmko</a>
79	Kehm, B., Schomburg, H., Techler, U. (Eds.), <i>Functionswandelnde Universitäten</i> , Campus Verlag GmbH, Frankfurt am Main, Germany, 2013. ISBN 978-3-593-39659-0. <a href="http://www.google.ro/books?hl=ro&amp;lr=&amp;id=VMviAgAAQBAJ&amp;oi=fnd&amp;pg=PA405&amp;ots=Q1tBVBwm6M&amp;sig=FoYZ-Y9GNBS0Lcma7yML2akS4Sc&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">http://www.google.ro/books?hl=ro&amp;lr=&amp;id=VMviAgAAQBAJ&amp;oi=fnd&amp;pg=PA405&amp;ots=Q1tBVBwm6M&amp;sig=FoYZ-Y9GNBS0Lcma7yML2akS4Sc&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>
80	Dowling-Hetherington, L., The Changing Shape of University Decision Making Processes and the Consequences for Faculty Participation in Ireland, <i>Tertiary Education and Management</i> (2013) 1-14. DOI:10.1080/13583883.2013.790071 <a href="http://www.tandfonline.com/doi/abs/10.1080/13583883.2013.790071#.UaSO0dLiWl">http://www.tandfonline.com/doi/abs/10.1080/13583883.2013.790071#.UaSO0dLiWl</a>

5. Boldea, D.-A., Quaranta, M., Mazzeo, R., Praisler, M., Combining multi-spectral imaging and portable X-ray fluorescence for a non-invasive characterization of Cucuteni decorative ceramics. Implications for authentication studies, *Interdisciplinarity Research in Archaeology. Proceedings of the First Arheoinvest Congress*, 10–11 June 2011, Iași, Romania, Edited by V. Cotiuğă and Ș. Caliniuc, **BAR International Series 2433, Oxford, Archaeopress**, pp. 215 – 220, 2012, ISBN 978-1-4073-1032-9  
Domnisoru, D., Praisler, M., Buzgar, N., Cotiuğă, V., Chemometric Software Designed for the Identification of Cucuteni Ceramics by Raman Spectroscopy, *Interdisciplinarity Research in Archaeology. Proceedings of the First Arheoinvest Congress*, 10–11 June 2011, Iași, Romania, Edited by V. Cotiuğă and Ș. Caliniuc, **BAR International Series 2433, Oxford, Archaeopress**, pp. 221 – 228, 2012, ISBN 978-1-4073-1032-9  
<http://www.archaeopress.com/archaeopressshop/public/defaultAll.asp?SubjectArea=Experimental+Archaeology>  
<http://www.archaeopress.com/Public/displayProductDetail.asp?id=%7B24F6C7EE-BA90-4AC3-9256-23B8A840AD54%7D>
6. Musat, C.L., Nechita, A., Praisler, M., Tutunaru, D., Pacuraru, A., Berciu Coman, M., Matei, M., *Metode clinice, chemometrice și motrice utilizate în vederea obținerii unui model experimental de identificare a fazelor sensibile ale organismului la sportivii adolescenți printr-un program controlat de antrenament*, Editura Didactică și Pedagogică, București, 2009, (294 pag./42 pag.). ISBN 978-973-30-2681-5.
7. Praisler, M., Nat, A., *Fizica*, volumul II, Editura IFR Universității "Dunarea de Jos" Galați, Galați, 2006, (98 pagini)
8. Nat, A., Praisler, M., *Fizica*, volumul I, Editura IFR Universității "Dunarea de Jos" Galați, Galați, 2005, (136 pagini)
9. Praisler, M., *Power Point in Educație*, volum multimedia, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 2003, (1966 slides) ISBN 973-8352-70-3.
10. Praisler, M., *Analiza informatizată a datelor experimentale prin metode statistice*, volum multimedia, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 2002, (100 pagini) ISBN 973-8352-66-5.
11. Praisler, M., Borlea, A., Felcser, J., Volcic, Z., *New Trends in Education*, volum multimedia **în limba engleză**, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 2002, (133 pagini) ISBN 973-8352-68-1.
12. Praisler, M., Ripa, M., Nicolai, M., Bacsin, S., *Management educational*, volum multimedia, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 2002, (136 pagini) ISBN 973-8352-67-3.
13. Ripa, M., Geles, M., Praisler, M., *Pregătirea, consolidarea și dezvoltarea carierei*, volum multimedia, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 2002, (133 pagini) ISBN 973-8352-69-X.
14. Praisler, M., *Spectroscopie*, Editura Fundației Universitare "Dunarea de Jos" Galați, Galați, 1999, (166 pagini) ISBN 973-99424-2-3.
15. Praisler, M., *Curs de spectroscopie*, Litografia Universității "Dunarea de Jos" Galați, Galați, 1996, (160 pagini).



**(b) ARTICOLE PUBLICATE ÎN REVISTE DE SPECIALITATE sau  
CONFERINTE INTERNATIONALE COTATE ISI**

**h index: 13 ( ISI Thomson Reuters Web of Knowledge – Web of Science)**

Researcher ID: <http://www.researcherid.com/rid/C-5034-2012>

**h index: 13 ( Scopus)**

SCOPUS Author ID: 6602865205

**h index: 17 ; i<sub>10</sub> index: 21 ( Google Scholar)**

<https://scholar.google.ro/citations?user=aHyohLwAAAAJ&hl=ro>

**ORCID: <http://orcid.org/0000-0003-0936-4399>**

1. Ion, A., Gosav, S., Praisler, M., Machine learning tool detecting NBOMe drugs of abuse based on geometrical descriptors, *2020 E-Health and Bioengineering Conference - EHB 2020*, 29 - 30 October 2020, Iasi, Romania. <http://www.ehbconference.ro/>
2. Ion, A., Gosav, S., Praisler, M., Gosav T., Refined detection of NBOMe phenethylamines based on their most important topological descriptors, *2020 E-Health and Bioengineering Conference - EHB 2020*, 29 - 30 October 2020, Iasi, Romania. <http://www.ehbconference.ro/>
3. Rîndunică (Coman), M. M., Gosav, S., Praisler, M., Ion, A., QSAR model based on molecular descriptors built to predict the CB1 binding affinity of JWH cannabinoids, *2019 E-Health and Bioengineering Conference - EHB 2019*, 21 - 23 November 2019, Iasi, Romania, Article number 8969920. DOI: 10.1109/EHB47216.2019.8969920 IEEE, Electronic ISSN: 2575-5145 Print on Demand(PoD) ISSN: 2575-5137 ISBN: 978-172812603-6, <https://ieeexplore.ieee.org/document/8969920>
4. Ion, A., Gosav, S., Praisler, M., Screening for NBOMe hallucinogens based on Artificial Neural Networks and structural descriptors, *2019 E-Health and Bioengineering Conference - EHB 2019*, 21 - 23 November 2019, Iasi, Romania, Article number 8970048. DOI: 10.1109/EHB47216.2019.8970048 IEEE, Electronic ISSN: 2575-5145 Print on Demand(PoD) ISSN: 2575-5137 ISBN: 978-172812603-6 <https://ieeexplore.ieee.org/document/8970048>
5. Ion, A., Gosav, S., Praisler, M., Artificial Neural Networks designed to identify NBOMe hallucinogens based on the most sensitive molecular descriptors, *6<sup>th</sup> International Symposium on Electrical and Electronics Engineering - ISEEE 2019*, 18 - 20 October 2019, Galați, Romania DOI: 10.1109/ISEEE48094.2019.9136101 IEEE, Electronic ISBN: 978-1-7281-2906-8 USB ISBN: 978-1-7281-2905-1 Print on Demand(PoD) ISBN: 978-1-7281-2907-5 <https://ieeexplore.ieee.org/abstract/document/9136101>
6. Negoita, C., Praisler, M., Logistic regression classification model identifying drugs of abuse based on their ATR- FTIR spectra, *6<sup>th</sup> International Symposium on Electrical and Electronics Engineering - ISEEE 2019*, 18 - 20 October 2019, Galați, Romania. DOI: 10.1109/ISEEE48094.2019.9136133 IEEE, Electronic ISBN: 978-1-7281-2906-8 USB ISBN: 978-1-7281-2905-1 Print on Demand(PoD) ISBN: 978-1-7281-2907-5 <https://ieeexplore.ieee.org/abstract/document/9136133>
7. Ion, A., Gosav, S., Praisler, M., Artificial neural networks designed to identify NBOMe hallucinogens based on selected molecular descriptors, in Ioanid, A., Niculescu, A., Fleaca, B. (Eds), *Management Perspectives in the Digital Transformation*, 2019, pp. 213-222. ISSN: 2344-0937 WOS:000519338200020.
8. Ion, A., Gosav, S., Praisler, M., Negoita, C., Artificial neural network designed to identify NBOMe hallucinogens based on 3D-MoRSE descriptors and topological descriptors, in Precup R.-E. (Ed.), *2019 23rd International Conference on System Theory, Control and Computing, ICSTCC 2019 – Proceedings*, Article number 8885908, Pages 872-876. DOI: 10.1109/ICSTCC.2019.8885908 ISSN: 2372-1618 . ISBN: 978-172810699-1 <https://ieeexplore.ieee.org/document/8885908>
9. Praisler, M., Ciocina, S., Coman, M., Machine learning application detecting potent illicit central nervous system stimulants, *Quality- Acces to success 20* (2019) 323-328. ISSN 1582-2559 [http://www.srac.ro/calitatea/arhiva/supliment/2019/Q-asContents\\_Vol.20\\_S1\\_January-2019.pdf](http://www.srac.ro/calitatea/arhiva/supliment/2019/Q-asContents_Vol.20_S1_January-2019.pdf)
10. Ciocina, S., Praisler, M., Coman, M. M., Choosing Between Quantum Cascade Lasers (QCL) Equipping a New Holow Fiber Infrared Scanner Designed to Detect New Psychoactive Substances (NPS), *International Conference of the Balkan*

*Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. Mishonov, T. M., Varonov, A.M. (Eds), *AIP Conference Proceedings*, vol. 2075, issue 1, Article number 170025 (2019). DOI:10.1063/1.5091390 ISSN: 0094-243X ISBN: 978-0-7354-1803-5 WOS:000472653800273

<https://aip.scitation.org/doi/abs/10.1063/1.5091390> <https://bpu10.balkanphysicalunion.com/>

11. Gosav, S., Coman, M. M., Praisler, M., Artificial Neural Networks Applied for the Identification of JWH Cannabinoids Based on Structural Descriptors, *International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. Mishonov, T. M., Varonov, A.M. (Eds), *AIP Conference Proceedings*, vol. 2075, issue 1, Article number 170013 (2019). DOI: 10.1063/1.5091378. ISSN: 0094-243X ISBN: 978-0-7354-1803-5 WOS:000472653800261

<https://aip.scitation.org/doi/abs/10.1063/1.5091378> <https://bpu10.balkanphysicalunion.com/>

12. Gosav, S., Ion, A., Praisler, M., DFT Characterization of MDMA Methylene Homologue, a Chemical Compound with Psychoactive Properties, *Proceedings of the International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. Mishonov, T. M., Varonov, A.M. (Eds), *AIP Conference Proceedings*, vol. 2075, issue 1, Article number 170027 (2019). DOI: 10.1063/1.5091392. ISSN: 0094-243X ISBN: 978-0-7354-1803-5 WOS:000472653800275

<https://aip.scitation.org/doi/abs/10.1063/1.5091392> <https://bpu10.balkanphysicalunion.com/>

#### LUCRARE CITATA IN

1	de Castro, J. S., Rodrigues, C. H. P., Bruni, A. T., In Silico Infrared Characterization of Synthetic Cannabinoids by Quantum Chemistry and Chemometrics, <i>Journal of Chemical Information and Modeling</i> 60-4 (2020) 2100–2114. DOI: 10.1021/acs.jcim.9b00871 Print ISSN: 1549-9596 e ISSN: 1520-5142. ISI Impact factor: 4.549 (2019) <a href="https://pubs.acs.org/doi/abs/10.1021/acs.jcim.9b00871">https://pubs.acs.org/doi/abs/10.1021/acs.jcim.9b00871</a>
2	Veved, A., Ejuh, G. W., Djongyang, N., Study of the chemical softness, chemical hardness, chemical stability and interaction energy of the piezoelectric composite: $(-\text{CH}_2-\text{CF}_2)_3/n\text{HfO}_2$ , <i>Polymer Bulletin</i> (2020). DOI: 10.1007/s00289-020-03346-6 Electronic ISSN 1436-2449 Print ISSN: 0170-0839 ISI Impact factor: 2.014 (2019) <a href="https://link.springer.com/article/10.1007/s00289-020-03346-6">https://link.springer.com/article/10.1007/s00289-020-03346-6</a>
3	Veved, A., Ejuh, G.W., Djongyang, N., Study of the optoelectronic and piezoelectric properties of ZrO <sub>2</sub> doped PVDF from quantum chemistry calculations, <i>Chinese Journal of Physics</i> 63 (2020) 213-219. ISSN:0577-9073 ISI Impact factor 1.894 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0577907319309694">https://www.sciencedirect.com/science/article/pii/S0577907319309694</a>

13. Negoita, C., Praisler M., Ion, A., Artificial Intelligence Application Designed to Screen for New Psychoactive Drugs Based on their ATR-FTIR spectra, *Proceedings of the 10th Jubilee International Conference of the Balkan Physical Union BPU10*, 26-30 August 2018, Sofia, Bulgaria. Mishonov, T. M., Varonov, A.M. (Eds), *AIP Conference Proceedings*, vol. 2075, issue 1, Article number 170026 (2019). DOI: 10.1063/1.5091391 ISSN: 0094-243X ISBN: 978-0-7354-1803-5 WOS:000472653800274

<https://aip.scitation.org/doi/abs/10.1063/1.5091391> <https://bpu10.balkanphysicalunion.com/>

14. Praisler, M., Ciocina, S., Coman, M. M., Negoita, C., Chemometric tool for doping control based on Hierarchical Cluster Analysis, in Miclea, L and Stoian, I. (Eds), *Proceedings of 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2018)*, 24-26 May 2018, Cluj – Napoca, Romania, IEEE, p. 127. DOI: 10.1109/AQTR.2018.8402722 WOS:000450065900025 Electronic ISBN: 978-1-5386-2205-6 USB ISBN: 978-1-5386-2203-2 Print on Demand(PoD) ISBN: 978-1-5386-2206-3 <https://ieeexplore.ieee.org/document/8402722/>

15. Praisler, M., Ciocina, S., Coman, M., Screening for Illicit Psychoactive Drugs Based on Pattern Recognition Methods, *5th International Symposium on Electrical and Electronics Engineering, ISEEE 2017*, 20-22 October 2017, Galati, Romania DOI: 10.1109/ISEEE.2017.8170700 WOS:000428234400076 Electronic ISBN: 978-1-5386-2059-5, USB ISBN: 978-1-5386-2058-8, Print on Demand(PoD) ISBN: 978-1-5386-2060-1 <http://ieeexplore.ieee.org/document/8170700/>

16. Ciocina, S., Praisler, M., Coman, M., Hierarchical Cluster Analysis Applied for the Automated Recognition of Psychoactive Substances and of Their Main Precursors, 2017 5th International Symposium on Electrical and Electronics Engineering (ISEEE), 20-22 October 2017, Galati, Romania. DOI: 10.1109/ISEEE.2017.8170652 WOS:000428234400028 Electronic ISBN: 978-1-5386-2059-5, USB ISBN: 978-1-5386-2058-8, Print on Demand(PoD) ISBN: 978-1-5386-2060-1

<http://ieeexplore.ieee.org/document/8170652/>

#### LUCRARE CITATA IN

1	Jones, N. S., Comparin, J. H., Interpol review of controlled substances review 2016–2019, <i>Forensic Science International: Synergy</i> , Available online 24 March 2020, DOI: 10.1016/j.fsisyn.2020.01.019 ISSN 2589-871X <a href="https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub</a>
---	---

17. Praisler, M., Ciocina, S., Coman, M., Hunting for Illicit Psychoactive Substances and Precursors: a Multivariate Approach, in Kloetzer, M; Ferariu, L. (Eds), *2017 21st International Conference On System Theory, Control And Computing (ICSTCC)*, Book Series: International Conference on System Theory Control and Computing, 2017, pp.248-253. Article number 8107042. DOI: 10.1109/ICSTCC.2017.8107042 WOS:000427419900040 Electronic ISBN: 978-1-5386-3842-2, USB ISBN: 978-1-5386-3841-5, Print on Demand(PoD) ISBN: 978-1-5386-3843-9

<http://ieeexplore.ieee.org/document/8107042/>

**LUCRARE CITATA IN**

1	Jones, N. S., Comparin, J. H., Interpol review of controlled substances review 2016–2019, Forensic Science International: Synergy, Available online 24 March 2020, DOI: 10.1016/j.fsisyn.2020.01.019 ISSN 2589-871X <a href="https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub</a>
---	---

18. Praisler, M., Ciochina, S., Negoita, C., Improved Selectivity in Detecting Controlled Amphetamines and their Main Precursors based on Laser Infrared Spectra, *Proceedings of the 6th IEEE International Conference on E-Health and Bioengineering (EHB)*, 28 July 2017, Sinaia, Romania, pp. 233-236. Article number 7995404. DOI: 10.1109/EHB.2017.7995404 WOS: 000445457500059 Electronic ISBN: 978-1-5386-0358-1 Print on Demand(PoD) ISBN: 978-1-5386-1514-0 <http://ieeexplore.ieee.org/abstract/document/7995404/>

**LUCRARE CITATA IN**

1	Jones, N. S., Comparin, J. H., Interpol review of controlled substances review 2016–2019, Forensic Science International: Synergy, Available online 24 March 2020, DOI: 10.1016/j.fsisyn.2020.01.019 ISSN 2589-871X <a href="https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub</a>
---	---

19. Ciochina, S., Praisler, M., Negoita, C., Cluster Analysis Evaluating the Automated Detection of Drugs of Abuse with a New Hollow Fiber based Quantum Cascade Laser Infrared Spectrometer, *Proceedings of the 6th IEEE International Conference on E-Health and Bioengineering (EHB)*, 28 July 2017, Sinaia, Romania, pp. 237-240. Article number 7995405. DOI:10.1109/EHB.2017.7995405, WOS: 000445457500060 Electronic ISBN: 978-1-5386-0358-1 Print on Demand(PoD) ISBN: 978-1-5386-1514-0 <http://ieeexplore.ieee.org/abstract/document/7995405/>

**LUCRARE CITATA IN**

1	Jones, N. S., Comparin, J. H., Interpol review of controlled substances review 2016–2019, Forensic Science International: Synergy, Available online 24 March 2020, DOI: 10.1016/j.fsisyn.2020.01.019 ISSN 2589-871X <a href="https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2589871X2030019X?via%3Dihub</a>
2	Altulea, A. H., Jalab, H. A., Ibrahim, R. W., Fractional Hölder mean-based image segmentation for mouse behavior analysis in conditional place preference test, <i>Signal, Image and Video Processing</i> 14 (2020) 135-142. DOI: 10.1007/s11760-019-01533-1 Print ISSN 1863-1703 Online ISSN 1863-1711 ISI Impact factor 1.894 (2018) <a href="https://link.springer.com/article/10.1007/s11760-019-01533-1#citeas">https://link.springer.com/article/10.1007/s11760-019-01533-1#citeas</a>

20. Condurache-Bota, S., Tigau, N., Praisler, M., Prodan, G., Gavrilă, R., Near-infrared energy bandgap bismuth oxide thin films and their in-depth morpho-structural and optical analysis, *Romanian Reports in Physics* 69-3 (2017) article no. 507. ISSN 1221-1451 ISI Impact Factor: 1.582 (2017) WOS:000410598000011 **LUCRARE PREMIATA UEFISCDI** <http://www.rp.infim.ro/IP/AN507.pdf>

**LUCRARE CITATA IN**

1	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
2	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>

21. Gosav, S., Paduraru, N., Maffei, D., Birsa, M.L., Praisler, M., Quantum chemical study of a novel derivative of 3-substituted dithiocarbamic flavanone, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 172 (2017) 115-125. DOI: 10.1016/j.saa.2016.04.024 ISSN: 1386-1425, ISI Impact factor: 2.88 (2017) WOS:000389093000016 <http://www.sciencedirect.com/science/article/pii/S1386142516301986>

**LUCRARE CITATA IN**

1	Azizoglu, A., Emir, D., The Effect of Halogen Substitution on The Bowl-To-Bowl Inversion, Molecular Structure and Electronic Properties of Sumanene, <i>Studia Universitatis Babeş-Bolyai, Chemia</i> 65-2 (2020) 7-19. DOI:10.24193/subchem.2020.2.01 ISSN 1224-7154 printed edition, ISSN 2065-9520 online edition, ISI Impact factor: 0.494 (2019) <a href="http://chem.ubbcluj.ro/~studiachemia/issues/chemia2020_2/01Azizoglu_Emir_7_19.pdf">http://chem.ubbcluj.ro/~studiachemia/issues/chemia2020_2/01Azizoglu_Emir_7_19.pdf</a>
2	Gosav, S., Ene, A., Aflori, M., Characterization and Discrimination of Plant Fossils by ATR-FTIR, XRD and Chemometric Methods, <i>Romanian Journal of Physics</i> 64-806 (2019) ISSN: 1221-146X; ISI Impact factor 1.46 (2018) <a href="https://www.researchgate.net/publication/324042806_Characterization_and_Discrimination_of_Plant_Fossils_by_ATR-FTIR_XRD_and_Chemometric_Methods">https://www.researchgate.net/publication/324042806_Characterization_and_Discrimination_of_Plant_Fossils_by_ATR-FTIR_XRD_and_Chemometric_Methods</a>
3	Chowdhury, M. P., Kundu, K., Bardhan, S., Kar, B., Chakraborty, G., Saha, S. K., Experimental and Theoretical Efforts to Identify the Microstructural Transition of Water to Acetonitrile-Based Reverse Micelle through Binary Compositions of Polar Solvents, <i>ChemistrySelect</i> 2-30 (2017) 9760-9771. DOI: 10.1002/slct.201701192 Online ISSN: 2365-6549 ISI Impact factor: 1.505 (2017) <a href="http://onlinelibrary.wiley.com/doi/10.1002/slct.201701192/abstract">http://onlinelibrary.wiley.com/doi/10.1002/slct.201701192/abstract</a>
4	Macit, M., Tanak, H., Orbay, M., Özdemir, N., Synthesis, crystal structure, spectroscopic characterization and DFT studies

	of bis[(1Z,2E)-N-(2,6-diethylphenyl)-N'-hydroxy-2-(hydroxyimino)acetimidamido]nickel(II), <i>Inorganica Chimica Acta</i> 459 (2017) 36-44. ISSN:0020-1693 E-ISSN:1873-3255 ISI Impact factor: 2.264 (2017) <a href="https://www.sciencedirect.com/science/article/pii/S0020169317300671">https://www.sciencedirect.com/science/article/pii/S0020169317300671</a>
5	Qi, Y., Zhao, Y., Wang, X., Lu, H., Jin N., Comparative analysis of interactions between the hydroxyimino dicarboxylate derivatives and different proteins by molecular docking and charge density analysis, <i>Journal of Theoretical and Computational Chemistry</i> 15-6 (2016) 1650050 (2016) [17 pages] DOI: <a href="http://dx.doi.org/10.1142/S021963361650050">http://dx.doi.org/10.1142/S021963361650050</a> Print ISSN: 0219-6336 Online ISSN: 1793-6888 <a href="http://www.worldscientific.com/doi/abs/10.1142/S0219633616500504">http://www.worldscientific.com/doi/abs/10.1142/S0219633616500504</a>

22. Condurache-Bota, S., Praisler, M., Gavrilă, R., Tigau, N., Sandwich heterostructures of antimony trioxide and bismuth trioxide films: structural, morphological and optical analysis, *Applied Surface Science* 391 Part A (2017) 59-65.  
DOI: 10.1016/j.apsusc.2016.07.033 WOS:000386774800011 ISSN: 0169-4332, ISI Impact factor: 4.439 (2017)  
<http://www.sciencedirect.com/science/article/pii/S016943321631460X>

#### LUCRARE CITATA IN

1	Huang, Y., Qin, J., Hu, C., Liu, X., Wei, D., Seo, H.J., Cs-doped $\alpha$ -Bi <sub>2</sub> O <sub>3</sub> microplates: hydrothermal synthesis and improved photochemical activities, <i>Applied Surface Science</i> 473 (2019) 401-408. DOI: 10.1016/j.apsusc.2018.12.165 ISSN: 0169-4332, ISI Impact factor: 5.155 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0169433218335049">https://www.sciencedirect.com/science/article/pii/S0169433218335049</a>
2	Li, M., Zhu, L., Liu, X., et al., Synthesis of Antimony Trioxide Crystals with Various Morphologies and Their UV-Vis-NIR Reflectance Performance, <i>CHEMISTRYSELECT</i> 3-16 (2018) 4310-4314. ISSN: 2365-6549 ISI Impact factor 1.716 (2018) <a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201800077">https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201800077</a>
3	Condurache-Bota, S., Tigau, N., Annealed bismuth and antimony trioxide sandwich films with increased refractive index and visible range energy bandgap, <i>Romanian Journal of Physics</i> 63 (2018) Article no. 610. ISSN: 1221-146X; ISI Impact factor 1.46 (2018) <a href="http://www.nipne.ro/rjp/accpaps/045-Condur_9DBA85.pdf">http://www.nipne.ro/rjp/accpaps/045-Condur_9DBA85.pdf</a>
	Khusayfan, N. M., Qasrawi, A. F., HK Khanfar, H. K., Impact of Yb, In, Ag and Au thin film substrates on the crystalline nature, Schottky barrier formation and microwave trapping properties of Bi <sub>2</sub> O <sub>3</sub> films, <i>Materials Science in Semiconductor Processing</i> 64 (2017) 63-70. DOI: 10.1016/j.mssp.2017.02.028 Print ISSN: 1369-8001 ISI Impact factor: 2.593 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S1369800116306850">http://www.sciencedirect.com/science/article/pii/S1369800116306850</a>

23. Condurache-Bota, S., Constantinescu, C., Tigau, N., Praisler, M., Bismuth Oxide Thin Films Deposited on Silicon Through Pulsed Laser Ablation, for Infrared Detectors, *Surface Review and Letters* 23-2 (2016) 1550104 (9 pages).  
DOI: 10.1142/S0218625X15501048 WOS:000371723100009 ISSN: 0218-625X (Print) 1793-6667 (Online) ISI Impact Factor: 0.734 (2017).  
<http://www.worldscientific.com/doi/abs/10.1142/S0218625X15501048?journalCode=srl>

#### LUCRARE CITATA IN

1	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
2	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>
3	Condurache-Bota, S., Tigau, N., The Influence of the Oxidation Degree of Bismuth Oxide Thin Films on Their Optical Properties, <i>Revue Roumaine de Chimie</i> 62-10 (2017) 755-760. ISSN 0035-3930 ISI Impact factor: 0.37 (2017) <a href="http://revroum.lew.ro/wp-content/uploads/2017/10/Art%2005.pdf">http://revroum.lew.ro/wp-content/uploads/2017/10/Art%2005.pdf</a>
4	Khusayfan, N. M., Qasrawi, A. F., HK Khanfar, H. K., Impact of Yb, In, Ag and Au thin film substrates on the crystalline nature, Schottky barrier formation and microwave trapping properties of Bi <sub>2</sub> O <sub>3</sub> films, <i>Materials Science in Semiconductor Processing</i> 64 (2017) 63-70. DOI: 10.1016/j.mssp.2017.02.028 Print ISSN: 1369-8001 ISI Impact factor: 2.593 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S1369800116306850">http://www.sciencedirect.com/science/article/pii/S1369800116306850</a>

24. Paduraru, N., Gosav, S., Praisler, M., *Chemometric Characterisation of Some Flavonoids Active Against HT-29 Human Cancer Cells*, 2015 E-Health and Bioengineering Conference, EHB 2015, Article number 7391429. DOI: 10.1109/EHB.2015.7391429 WOS:000380397900082 Publisher: IEEE Print ISBN: 978-1-4673-7544-3  
<http://ieeexplore.ieee.org/document/7391556/>

#### LUCRARE CITATA IN

1	Păduraru, N., Studii asupra unor compuși flavonoidici prin metode spectrale și chemometrice, PhD Thesis, „Dunarea de Jos” University of Galati, Romania, 2017 <a href="https://www.arthra.uqal.ro:8443/handle/123456789/4310">https://www.arthra.uqal.ro:8443/handle/123456789/4310</a>
---	--

25. Praisler, M., Constantin Ghinita, S., Stoica Mandru, A., Dumitriu, L., *Simultaneous regional traceability assessments based on Artificial Neural Networks*, 2015 E-Health and Bioengineering Conference, EHB 2015, Article number 7391557. Publisher: IEEE DOI: 10.1109/EHB.2015.7391557, Publisher: IEEE WOS: 000380397900210 Print ISBN: 978-1-4673-7544-3 <https://ieeexplore.ieee.org/document/7391557/>

26. Praisler, M., Constantin Ghinita, S., Stoica Mandru, A., *Artificial Neural Networks: a solution for increasing the accuracy of regional traceability assessments*, 2015 E-Health and Bioengineering Conference, EHB 2015, Article number 7391556. Publisher: IEEE DOI: 10.1109/EHB.2015.7391556, WOS: 000380397900209 Print ISBN: 978-1-4673-7544-3 <https://ieeexplore.ieee.org/document/7391556/>

**LUCRARE CITATA IN**

1	Abu Bakr Siddique, Md., Mahmudur Rahman Khan, Md., Bente Arif, R., Ashrafi, Z., <i>Study and Observation of the Variations of Accuracies for Handwritten Digits Recognition with Various Hidden Layers and Epochs using Neural Network Algorithm</i> , 4th IEEE International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT 2018), 13-15 September 2018, Mirpur, Dhaka. <a href="https://arxiv.org/ftp/arxiv/papers/1809/1809.06188.pdf">https://arxiv.org/ftp/arxiv/papers/1809/1809.06188.pdf</a>
---	--

27. Praisler, M., Constantin Ghinita, S., Stoica, A., *Towards a cost-effective and fast traceability assessment: a principal component exploratory analysis*, in Caraman, S., Barbu, M., Solea, R. (Eds.), *2015 19th International Conference on System Theory, Control and Computing (ICSTCC)*, pp. 151-156. DOI: 10.1109/ICSTCC.2015.7321285 WOS:000382384100026 Electronic ISBN: 978-1-4799-8481-7 USB ISBN: 978-1-4799-8480-0 <http://ieeexplore.ieee.org/document/7321285/>

28. Praisler, M., Constantin Ghinita, S., Stoica, A., Dumitriu, L., *Hierarchical Cluster Analysis: a reliable tool allowing more detailed (regional) traceability investigations*, in Caraman, S., Barbu, M., Solea, R. (Eds.), *2015 19th International Conference on System Theory, Control and Computing (ICSTCC)*, pp. 157-161. DOI: 10.1109/ICSTCC.2015.7321286 WOS:000382384100027 Electronic ISBN: 978-1-4799-8481-7 USB ISBN: 978-1-4799-8480-0 <http://ieeexplore.ieee.org/document/7321286/>

**LUCRARE CITATA IN**

1	Xia, J., Yang, Y., Cao, H., Zhang, W., Ge, S., Chen, G., <i>Identification of vegetable pests using spectral clustering analysis</i> , <i>International Agricultural Engineering Journal</i> 26-3 (2017)176-183. ISSN: 08582114 <a href="http://www.iaej.cn/EN/abstract/abstract566.shtml">http://www.iaej.cn/EN/abstract/abstract566.shtml</a>
---	---

29. Condurache-Bota, S., Tiron, V., Praisler, M., *Highly transparent bismuth oxide thin films deposition: morphology – optical properties correlation studies*, *Journal of Optoelectronics and Advanced Materials* vol. 17 no.9-10 (2015) 1296-1301. WOS:000364600400011 ISSN: 1454-4164, ISI Impact factor: 0.383 (2015) <http://joam.inoe.ro/index.php?option=magazine&op=view&idu=3817&catid=92>

**LUCRARE CITATA IN**

1	Ibrahim, S., et al, <i>Tailoring the structural and optical properties of bismuth oxide films deposited by reactive magnetron sputtering for photocatalytic application</i> , <i>Materials Chemistry and Physics</i> 243 (2020) 122580. DOI: 10.1016/j.matchemphys.2019.122580 ISSN: 0254-0584 ISI impact factor: 2.781 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058419313902">https://www.sciencedirect.com/science/article/abs/pii/S0254058419313902</a>
2	Kazemi, N. M., Yaqoubi, M., <i>Synthesis of Bismuth Oxide: Removal of benzene from waters by Bismuth Oxide Nanostructure</i> , <i>Analytical Methods in Environmental Chemistry Journal</i> 2-4 (2019) 5-14. DOI: 10.24200/amecj.v2.i04.79 eISSN: 2645-5382 <a href="http://journal.amecj.com/index.php/AMECJ-01/article/view/79">http://journal.amecj.com/index.php/AMECJ-01/article/view/79</a>
3	Condurache-Bota, S., Tigau, N., Constantinescu, C., <i>Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition</i> , <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
4	Condurache-Bota, S., <i>Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications</i> , in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>

30. Moraru, L., Praisler, M., Marin, S., Bentea, C., *Implementation of Quality Assurance Systems in Academic Staff Perspective – An Overview*, in Fumasoli, T., Goastellec, G., Kehm, B.M. (Eds.), *Academic Work and Careers in Europe: Trends, Challenges, Perspectives, The Changing Academy – The Changing Academic Profession in International Comparative Perspective*, Volume 12, 2015, pp. 151-176, Springer, DOI: 10.1007/978-3-319-10720-2\_8, WOS:000357815700008 ISBN: 978-3-319-10719-6 (Print) 978-3-319-10720-2 (Online) [http://link.springer.com/chapter/10.1007/978-3-319-10720-2\\_8](http://link.springer.com/chapter/10.1007/978-3-319-10720-2_8) <http://link.springer.com/book/10.1007/978-3-319-10720-2>

**LUCRARE CITATA IN**

1	Overberg, J., Ala-Vahala, T., <i>Everlasting Friends and Enemies? Finnish University Personnel's Perceptions of Internal Quality Assurance in 2010 and 2017</i> , <i>Scandinavian Journal of Educational Research</i> , Published online: 25 Mar 2019
---	---

	DOI: 10.1080/00313831.2019.1596977 ISSN: 0031-3831, eISSN:1470-1170 ISI Impact factor: 1.432 (2018). <a href="https://www.tandfonline.com/doi/abs/10.1080/00313831.2019.1596977">https://www.tandfonline.com/doi/abs/10.1080/00313831.2019.1596977</a>
2	Tsouroufli, M., Gendered pedagogic identities and academic professionalism in Greek medical schools, <i>Gender and Education</i> 30-1 (2018) 45-58. DOI: 10.1080/09540253.2016.126200 Print ISSN: 0954-0253 Online ISSN: 1360-0516 ISI Impact factor: 1.17 (2018). <a href="http://www.tandfonline.com/toc/cgee20/current">http://www.tandfonline.com/toc/cgee20/current</a>
3	Wolbring, T., Treischl, E., Selection bias in students' evaluation of teaching, <i>Research in higher education</i> 57-1 (2016) 51-71. DOI: 10.1007/s11162-015-9378-7 Print ISSN 0361-0365 Online ISSN 1573-188X ISI Impact Factor: 1.500 (2016) <a href="http://link.springer.com/article/10.1007/s11162-015-9378-7">http://link.springer.com/article/10.1007/s11162-015-9378-7</a>
4	Santos, J.M., Horta, H., The generational gap of science: a dynamic cluster analysis of doctorates in an evolving scientific system, <i>Scientometrics</i> 104-1 (2015) 381-406. DOI: 10.1007/s11192-015-1558-x, Print ISSN 0138-9130, Online ISSN 1588-2861 ISI Impact Factor: 2.084 (2015) <a href="http://link.springer.com/article/10.1007/s11192-015-1558-x">http://link.springer.com/article/10.1007/s11192-015-1558-x</a>
5	Kehm, B.M., <i>The Influence of New Higher Education Professionals on Academic Work</i> , in Teichler, U., Cummings, W.K., (Eds), <i>Forming, Recruiting and Managing the Academic Profession, The Changing Academy – The Changing Academic Profession in International Comparative Perspective</i> vol. 14, 2015, pp 101-111, Springer, DOI: 10.1007/978-3-319-16080-1_6, Print ISBN : 978-3-319-16079-5, Online ISBN: 978-3-319-16080-1 <a href="http://link.springer.com/chapter/10.1007/978-3-319-16080-1_6">http://link.springer.com/chapter/10.1007/978-3-319-16080-1_6</a>

31. Condurache-Bota, S., Constantinescu, C., Praisler, M., Tigau, N., The influence of the substrate temperature on the structure and on the optical energy bandgap of bismuth oxide thin films prepared by pulsed laser deposition, *Digest Journal of Nanomaterials and Biostructures* 10-3 (2015) 1025-1032. WOS:000364047200007 ISSN: 1842-3582, ISI Impact factor: 0.756 (2015) [http://www.chalcogen.ro/1025\\_Condurache.pdf](http://www.chalcogen.ro/1025_Condurache.pdf)

#### LUCRARE CITATA IN

1	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
2	Yu, C. C., Chang, H., Sun, A. C., Chiou, J. W., Stabilization of the $\beta$ -phase Bi <sub>2</sub> O <sub>3</sub> (201) thin film by an ultrathin Bi (001) seeding layer, <i>Vacuum</i> , vol. 169, Article Number: UNSP 108918, 2019. DOI: 10.1016/j.vacuum.2019.108918 ISSN: 0042-207X ISI Impact factor: 2.515 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0042207X19311893">https://www.sciencedirect.com/science/article/abs/pii/S0042207X19311893</a>
3	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>

32. Tudorache, F., Petrilă, I., Condurache-Bota, S., Constantinescu, C., Praisler, M., Humidity sensors applicative characteristics of granularized and porous Bi<sub>2</sub>O<sub>3</sub> thin films prepared by oxygen plasma-assisted pulsed laser deposition, *Superlattices and Microstructures* 77 (2015) 276-285. WOS:000349498800026 DOI:10.1016/j.spmi.2014.11.022  
ISSN 0749-6036 ISI Impact factor: 2.117 (2015) <http://www.sciencedirect.com/science/article/pii/S0749603614004492>

#### LUCRARE CITATA IN

1	Sekrafi, T., Denden, Z., Tudorache, F., Tascu, S., Nasri, H., ZnTTP electrical properties and application in humidity sensor development, <i>Superlattices and Microstructures</i> , Available online 29 February 2020, 106462, DOI: 10.1016/j.spmi.2020.106462, ISSN 0749-6036 ISI Impact factor: 2.385 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0749603619317719">https://www.sciencedirect.com/science/article/abs/pii/S0749603619317719</a>
2	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
3	Manikandan, V., et al, A reliable chemiresistive sensor of nickel-doped tin oxide (Ni-SnO <sub>2</sub> ) for sensing carbon dioxide gas and humidity, <i>RSC Advances</i> 10 (2020) 3796-3804. DOI: 10.1039/C9RA09579A ISSN: 2046-2069 ISI Impact factor: 3.049 (2018) <a href="https://pubs.rsc.org/en/content/articlepdf/2020/ra/c9ra09579a">https://pubs.rsc.org/en/content/articlepdf/2020/ra/c9ra09579a</a>
4	Sekrafi, T., et al, Z Denden, Development of an organic resistive-type humidity sensor, 2019 IEEE International Conference on Design & Test of Integrated Micro & Nano-Systems (DTS), 28 April-1 May 2019, Gammarth-Tunis, Tunisia, Tunisia, IEEE, DOI: 10.1109/DTSS.2019.8914746 ISBN:978-1-7281-1128-5 WOS:000535375400002 <a href="https://ieeexplore.ieee.org/abstract/document/8914746">https://ieeexplore.ieee.org/abstract/document/8914746</a>
5	Vigneselvan, S., Manikandan, V., Petrilă, I., Vanitha, A., Chandrasekaran, J., Effect of copper substitution on structural, optical and humidity-sensing characteristics of cerium oxide nanoparticles, <i>Journal of Physics and Chemistry of Solids</i> 136 (2020) 109173. DOI: 10.1016/j.jpms.2019.109173 ISSN: 0022-3697 ISI Impact factor: 2.752 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0022369719307954">https://www.sciencedirect.com/science/article/pii/S0022369719307954</a>
6	Algün, G., Akçay, N., Enhanced sensing characteristics of relative humidity sensors based on Al and F co-doped ZnO nanostructured thin films, <i>Journal of Materials Science Materials in Electronics</i> August 2019. DOI: 10.1007/s1085 Online ISSN: 1573-482X Print ISSN 0957-4522 ISI Impact factor: 2.195 (2018) <a href="https://link.springer.com/article/10.1007%2Fs10854-019-01982-x">https://link.springer.com/article/10.1007%2Fs10854-019-01982-x</a>

7	Rani, R. A., Zoofakar, A. S., Ryeeshyam, M. F. M., Ismail, A. S., Mamat, M. H., Alrokayan, S., Khan, H., Kalantar-zadeh, K., Mahmood, M. R., High Surface Area to Volume Ratio 3D Nanoporous Nb2O5 for Enhanced Humidity Sensing, <i>Journal of Electronic Materials</i> 48-6 (2019) 3805-3815. DOI: 10.1007/s11664-019-07126-5 ISSN: 0361-5235 (Print) 1543-186X (Online) ISI Impact factor: 1.676 (2018) <a href="https://www.springerprofessional.de/en/high-surface-area-to-volume-ratio-3d-nanoporous-nb2o5-for-enhanc/16571744">https://www.springerprofessional.de/en/high-surface-area-to-volume-ratio-3d-nanoporous-nb2o5-for-enhanc/16571744</a>
8	Manikandan, V., Sikarwar, S., Yadav, B. C., Rapid humidity sensing activities of lithium-substituted copper-ferrite (Li - CuFe2O4) thin films, <i>Materials Chemistry and Physics</i> 229 (2019) 448-452. ISSN: 0254-0584 eISSN: 1879-3312 ISI Impact factor: 2.781 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0254058419302433">https://www.sciencedirect.com/science/article/pii/S0254058419302433</a>
9	Liu, H., Wang, Q., Sheng, W., Wang, X., Zhang, K., Du, L., Zhou, J., Humidity Sensors with Shielding Electrode Under Interdigitated Electrode, <i>Sensors</i> 19-3 (2019) 659-670. DOI: 10.3390/s19030659 ISBN: ISSN 1424-8220 ISI Impact factor: 3.031 (2018) <a href="https://www.mdpi.com/1424-8220/19/3/659/htm">https://www.mdpi.com/1424-8220/19/3/659/htm</a>
10	Tudorache, F., Tigau, N., Condurache-Bota, S., Humidity sensing characteristics of Sb2 O3 thin films with transitional electrical behavior, <i>Sensors and Actuators, A: Physical</i> 285 (2019) 134-14. DOI: 10.1016/j.sna.2018.11.002 ISSN:0924-4247 ISI Impact factor: 2.739 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0924424718311099">https://www.sciencedirect.com/science/article/pii/S0924424718311099</a>
11	Meng, L. J., Xu, W., Zhang, Q. Y., Yang, T., Shi, S. K., Study of nanostructural bismuth oxide films prepared by radio frequency reactive magnetron sputtering, <i>Applied Surface Science</i> 472 (2019) 165-171. DOI:10.1016/j.apsusc.2018.02.017, ISSN: 0169-4332, ISI Impact factor: 5.155 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S016943321830360X">https://www.sciencedirect.com/science/article/pii/S016943321830360X</a>
12	Bang, J. H., Choi, M. S., Mirzaei, A., Kwon, Y. J., Kim, S. S., Kim, T. W., Kim, H. W., Selective NO2 sensor based on Bi2O3 branched SnO2 nanowires, <i>Sensors and Actuators B: Chemical</i> 274 (2018) 356 – 369. DOI: 10.1016/j.snb.2018.07.158 ISSN: 0925-4005 ISI Impact Factor: 6.393 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0925400518314072">https://www.sciencedirect.com/science/article/pii/S0925400518314072</a>
13	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>
14	Condurache-Bota, S., Tigau, N., Annealed bismuth and antimony trioxide sandwich films with increased refractive index and visible range energy bandgap, <i>Romanian Journal of Physics</i> 63 (2018) 610. ISSN: 1221-146X ISI Impact Factor: 1.46 (2018) <a href="http://www.nipne.ro/rjp/accpaps/045-Condur_9DBA85.pdf">http://www.nipne.ro/rjp/accpaps/045-Condur_9DBA85.pdf</a>
15	Li, J., Chen, D., Zhang, Q., Zhang, Y., Wang, X., Yang, C., Wu, Q., Synthesis of sponge-like Bi2O3 via a soft/hard-combined biomembrane support system for supercapacitor application, <i>European Journal of Inorganic Chemistry</i> , 15 (2018) 1688-1692. DOI: 10.1002/ejic.201800151 ISSN: 1434-1948 eISSN: 1099-0682 ISI Impact Factor: 2.578 (2018) <a href="http://onlinelibrary.wiley.com/doi/10.1002/ejic.201800151/full">http://onlinelibrary.wiley.com/doi/10.1002/ejic.201800151/full</a>
16	Wang, Y., Long, Y., Dun Zhang, D., Facile <i>in situ</i> growth of photoactive $\beta$ -Bi2O3 films, <i>Journal of the Taiwan Institute of Chemical Engineers</i> 75 (2017) 183 – 188. DOI: 10.1016/j.jtice.2017.03.037 ISSN: 1876-1070, Impact factor: 3.849 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S1876107017301505">http://www.sciencedirect.com/science/article/pii/S1876107017301505</a>
17	Toloman, D., Popa, A., Stan, M., Socaci, C., Biris, A.R., Katona, G., Tudorache, F., Petrila, I., Iacomi, F., Reduced graphene oxide decorated with Fe doped SnO 2 nanoparticles for humidity sensor, <i>Applied Surface Science</i> 402 (2017) 410-417. DOI: 10.1016/j.apsusc.2017.01.064 ISSN: 0169-4332, ISI Impact factor: 4.439 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0169433217300648">http://www.sciencedirect.com/science/article/pii/S0169433217300648</a>
18	Petrila, I., Popa, K., Tudorache, F., Microstructure, electrical and humidity sensing properties of light rare earths zirconates, <i>Sensors and Actuators A-Physical</i> , 247 (2016) 156-161; DOI: 10.1016/j.sna.2016.05.039 ISSN: 0924-4247 ISI Impact Factor: 2.499 (2016) <a href="http://www.sciencedirect.com/science/article/pii/S0924424716302618">http://www.sciencedirect.com/science/article/pii/S0924424716302618</a>
19	Pascariu, P., Airinei, A., Olaru, N., Petrila, I., Nica, V., Sacarescu, L., Tudorache, F., Microstructure, electrical and humidity sensor properties of electrospun NiO-SnO2 nanofibers, <i>Sensors and Actuators B: Chemical</i> , 222 (2016) 1024-1031. doi:10.1016/j.snb.2015.09.051 ISSN 0925-4005 ISI Impact Factor: 5.401 (2016) <a href="http://www.sciencedirect.com/science/article/pii/S0925400515303580">http://www.sciencedirect.com/science/article/pii/S0925400515303580</a>
20	Ahila, M., Dhanalakshmi, J., Celina Selvakumari, J., Pathinettam Padiyan, D., Heat treatment effect on crystal structure and design of highly sensitive room temperature CO2 gas sensors using anodic Bi2O3 nanoporous formed in a citric acid electrolyte, <i>Materials Research Express</i> 3-10 (2016) 105025 Published 13 October 2016 DOI: 10.1088/2053-1591/3/10/105025 Online ISSN: 2053-1591, ISI Impact factor: 1.068 (2016) <a href="http://iopscience.iop.org/article/10.1088/2053-1591/3/10/105025/meta">http://iopscience.iop.org/article/10.1088/2053-1591/3/10/105025/meta</a>

33. Condurache-Bota, S., Constantinescu, C., Praisler, M., Gavrilă, R., Tigau, N., Gheorghies, C., Influence of the preparation method on the morpho-structural and optical properties of bismuth oxide thin films, *Proceedings of the International Semiconductor Conference CAS 2014*, pp. 69-72. Article number 6966394. (13-15 Octombrie 2014, Sinaia, Romania) DOI: 10.1109/SMICND.2014.6966394 WOS:000380488300013 IEEE Catalog number CFP14CAS-PRT, ISBN: 978-1-4799-3916-9, ISSN 1545-827X <https://ieeexplore.ieee.org/document/6966394/>

#### LUCRARE CITATA IN

1	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020).
---	--

	DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
2	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>

34. Condurache-Bota, S., Constantinescu, C., Praisler, M., Tiron, V., Tigau, N., Gheorghies, C., The influence of laser wavelength and pulses number on the structure and the optical properties of pulsed laser-deposited bismuth oxide thin films, *Proceedings of the International Semiconductor Conference CAS 2014*, pp. 87-90. Article number 6966400. (13-15 Octombrie 2014, Sinaia, Romania) DOI: 10.1109/SMICND.2014.6966400 WOS:000380488300017  
IEEE Catalog number CFP14CAS-PRT, ISBN: 978-1-4799-3916-9, ISSN 1545-827X  
[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6966400&openedRefinements%3D\\*%26rowsPerPage%3D100%26queryText%3D\(laser+pulses+\)](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6966400&openedRefinements%3D*%26rowsPerPage%3D100%26queryText%3D(laser+pulses+))

#### LUCRARE CITATA IN

1	Köhler, R., Ohms, G., Miltz, H., Viöl, W., Atmospheric Pressure Plasma Coating of Bismuth Oxide Circular Droplets, <i>Coatings</i> 8-9 (2018) Article number 312. DOI: 10.3390/coatings8090312 ISSN 2079-6412 ISI Impact Factor: 2.33 (2018) <a href="http://www.mdpi.com/2079-6412/8/9/312">http://www.mdpi.com/2079-6412/8/9/312</a>
2	Condurache-Bota, S., Bismuth Oxide Thin Films for Optoelectronic and Humidity Sensing Applications, in Ying Zhou (Ed.) <i>Bismuth - Advanced Applications and Defects Characterization</i> , Intechopen, 2018. DOI: 10.5772/intechopen.75107 <a href="https://cdn.intechopen.com/pdfs/59792.pdf">https://cdn.intechopen.com/pdfs/59792.pdf</a>

35. Praisler, M., Ciochina, S., Global clustering quality coefficient assessing the efficiency of PCA class identity assignment, *Journal of Analytical Methods in Chemistry*, volume 2014 (2014), Article ID 342497, 12 pages. DOI: 10.1155/2014/342497  
ISSN: 2090-8865 (Print) ISSN: 2090-8873 (Online) ISI Impact Factor: 0.792 (2014).  
<http://www.hindawi.com/journals/jamc/2014/342497/>

#### LUCRARE CITATA IN

1	Chang, H., Zhu, L., Lou, X., Meng, X., Guo, Y., Wang, Z., A new local modelling approach based on predicted errors for near-infrared spectral analysis, <i>Journal of Analytical Methods in Chemistry</i> , Volume 2016 (2016), Article ID 5416506, 8 pages DOI: 10.1155/2016/5416506 ISSN: 2090-8865 (Print) ISSN: 2090-8873 (Online) ISI Impact Factor: 1.801 (2016). <a href="http://www.hindawi.com/journals/jamc/aip/5416506/">http://www.hindawi.com/journals/jamc/aip/5416506/</a>
2	Huang, Y. F., Cai, Z., Hu, J., Lin, L.Q., Xiao, X. H., Li, G. K., Advance of Development and Application of GC-IR Technology, <i>Spectroscopy and Spectral Analysis</i> 35-8 (2015) 2130-2135. ISSN 1000-0593 ISI Impact Factor: 0.275 (2015) <a href="http://www.gpxyqgpx.com/qikan/manage/wenzhang/2015-08-2130.pdf">http://www.gpxyqgpx.com/qikan/manage/wenzhang/2015-08-2130.pdf</a>

36. Gosav, S., Paduraru, N., Praisler, M., Hyphenated GC-FTIR and GC-MS techniques applied in the analyses of bioactive compounds, in Costa, M. F. P. C. M., Nogueira, R. N. (Eds), *Proc. SPIE 9286, Second International Conference on Applications of Optics and Photonics*, 92862D (August 22, 2014); (AOP2014, 26-30 May 2014, Aveiro, Portugal) DOI:10.1117/12.2063898.  
WOS:000343096200043 ISBN:978-1-62841-361-8, ISSN: 0277-786X ISI Impact Factor: 0.2 (2015)  
<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1900381>

37. Hounsi, A. D., Lecomte-Nana, G., Djétéli, G., Blanchart, P., Alowanou, D., Pali, K., Kossi, N., Tchangbédji, G., Praisler, M., How does Na, K alkali metal concentration change the early age structural characteristic of kaolin-based geopolymers, *Ceramics International Part A* 40-7 (2014) 8953–8962. DOI: 10.1016/j.ceramint.2014.02.052  
ISSN 0272-8842 ISI Impact Factor: 2.605 (2014) <http://www.sciencedirect.com/science/article/pii/S027288421400251X>

#### LUCRARE CITATA IN

1	Zhang, J., Feng, Q., The making of Class C fly ash as high-strength precast construction material through geopolymerization, <i>Mining, Metallurgy &amp; Exploration</i> , 2020. DOI: 10.1007/s42461-020-00283-w ISSN: 25243462, 25243470, ISI impact factor: 1.020 (2019) <a href="https://link.springer.com/article/10.1007/s42461-020-00283-w">https://link.springer.com/article/10.1007/s42461-020-00283-w</a>
2	Ghailane, H., Ahamat, M. A., Yahaya, A. N. A., Properties of Clay as a Construction Material for Building Walls, <i>International journal of Environmental Science and Technology</i> 29-8s (2020) 4658-4664. ISSN 22076360, 20054238 <a href="http://serisc.org/journals/index.php/IJAST/article/view/25534">http://serisc.org/journals/index.php/IJAST/article/view/25534</a>
3	Xue-sen, Lv. et al, Inhibition of Efflorescence in Na-Based Geopolymer Inorganic Coating, <i>ACS Omega</i> 5-24 (2020) 14822–14830. DOI: 10.1021/acsomega.0c01919 ISSN 2470-1343 (print) 2470-1343 (online) ISI impact factor: 2.584 (2018) <a href="https://pubs.acs.org/doi/10.1021/acsomega.0c01919">https://pubs.acs.org/doi/10.1021/acsomega.0c01919</a>
4	Aboulayt, A. Et al, Thermo-physical characterization of a metakaolin-based geopolymer incorporating calcium carbonate: A case study, <i>Materials Chemistry and Physics</i> Available online 28 May 2020, 123266 DOI: 10.1016/j.matchemphys.2020.123266 ISSN 0254-0584 ISI impact factor: 2.781 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058420306362">https://www.sciencedirect.com/science/article/abs/pii/S0254058420306362</a>
5	Azarsa, P., Gupta, R., Comparative Study Involving Effect of Curing Regime on Elastic Modulus of Geopolymer Concrete, <i>Buildings</i> 10-6 (2020) 101. DOI: 10.3390/buildings10060101 ISSN 2075-5309



	<a href="https://www.mdpi.com/2075-5309/10/6/101">https://www.mdpi.com/2075-5309/10/6/101</a>
6	Azarsa, P., Gupta, R., Freeze-Thaw Performance Characterization and Leachability of Potassium-Based Geopolymer Concrete, <i>Journal of Composites Science</i> 4 (2) 45 (2020) DOI:10.3390/jcs4020045 ISSN 2504-477X <a href="https://www.mdpi.com/2504-477X/4/2/45">https://www.mdpi.com/2504-477X/4/2/45</a>
7	Singh, N. B., Wali, S. K., Saxena, S. K., Kumar, M., Properties of Calcined Clay-Based Geopolymer Mortars in Presence of Alccofine Powder and Recron Fiber, DOI: 10.1007/978-981-15-2806-4_84, in Scrivener, K., Favier, A. (Eds.), <i>Calcined Clays for Sustainable Concrete</i> , Springer, 2020, ISBN 978-94-017-9939-3 <a href="https://www.springer.com/gp/book/9789401799386">https://www.springer.com/gp/book/9789401799386</a> <a href="https://www.springerprofessional.de/en/properties-of-calcined-clay-based-geopolymer-mortars-in-presence/17889526">https://www.springerprofessional.de/en/properties-of-calcined-clay-based-geopolymer-mortars-in-presence/17889526</a>
8	Khalifa, A. Z. et al, Advances in alkali-activation of clay minerals, <i>Cement and Concrete Research</i> 132 (2020) 106050. DOI: 10.1016/j.cemconres.2020.106050 ISSN: 0008-8846 ISI impact factor: 5.618 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0008884619313420">https://www.sciencedirect.com/science/article/pii/S0008884619313420</a>
9	Hamdane, H. Et al, Effect of alkali-mixed content and thermally untreated phosphate sludge dosages on some properties of metakaolin based geopolymer material, <i>Materials Chemistry and Physics</i> 248 (2020) 122938. DOI: 10.1016/j.matchemphys.2020.122938 ISSN: 0254-0584 ISI impact factor: 2.781 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0254058420303151">https://www.sciencedirect.com/science/article/abs/pii/S0254058420303151</a>
10	Belmokhtar, N., El Ayadi, H., Ammari, M., Ben Allal, L., A New Approach for the Management of an Industrial Waste: A Case Study. In: Ezziyyani M. (eds) <i>Advanced Intelligent Systems for Sustainable Development (AI2SD'2019)</i> . AI2SD 2019. <i>Advances in Intelligent Systems and Computing</i> , vol 1104., March 2020, Springer, Cham. DOI: 10.1007/978-3-030-36671-1_3 Online ISBN: 978-3-030-36671-1 Print ISBN: 978-3-030-36670-4 <a href="https://link.springer.com/chapter/10.1007%2F978-3-030-36671-1_3#citeas">https://link.springer.com/chapter/10.1007%2F978-3-030-36671-1_3#citeas</a>
11	Liang, G., et al, Sulfate resistance of hybrid fiber reinforced metakaolin geopolymer composites, <i>Composites Part B: Engineering</i> , vol. 183, Article number 107689, 2020. DOI: 10.1016/j.compositesb.2019.107689 ISSN: 1359-8368, eISSN: 1879-1069 ISI impact factor 6.864 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S1359836819311904">https://www.sciencedirect.com/science/article/abs/pii/S1359836819311904</a>
12	Perez-Cortes, P., Escalante-Garcia, J. I., Alkali activated metakaolin with high limestone contents–statistical modeling of strength and environmental and cost analyses, <i>Cement and Concrete Composites</i> , 106 (2020) 103450. DOI: 10.1016/j.cemconcomp.2019.103450 ISSN: 0958-9465 ISI impact factor 5.172 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0958946519312934">https://www.sciencedirect.com/science/article/abs/pii/S0958946519312934</a>
13	Marsh, A., Heath, A., Patureau, P., Evernden, P., Walker, P., Influence of clay minerals and associated minerals in alkali activation of soils, <i>Construction and Building Materials</i> 229 (2019) 116816. DOI: 10.1016/j.conbuildmat.2019.116816 ISSN: 0950-0618 eISSN: 1879-0526 ISI impact factor 4.046 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061819322469">https://www.sciencedirect.com/science/article/abs/pii/S0950061819322469</a>
14	Darmayanti, L., Notodarmojo, S., Damanhuri, E., Kadja, G. T. M., Mukti, R. R., Preparation of alkali-activated fly ash-based geopolymer and their application in the adsorption of copper (II) and zinc (II) ions, <i>MATEC Web of Conferences</i> 276, 0 (2019), DOI: 10.1051/mateconf/20192760 0 ICAAnCEE 2018 6012 6 12 <a href="https://search.proquest.com/openview/55c5302a1a6397092d186a3f66c203c7/1?pq-origsite=gscholar&amp;cbl=2040549">https://search.proquest.com/openview/55c5302a1a6397092d186a3f66c203c7/1?pq-origsite=gscholar&amp;cbl=2040549</a>
15	Villaquiran-Cacedo, M. A., Studying different silica sources for preparation of alternative waterglass used in preparation of binary geopolymer binders from metakaolin/boiler slag, <i>Construction and Building Materials</i> Vol. 227, Article Number UNSP 116621, 2019. DOI: 10.1016/j.conbuildmat.2019.08.002 ISSN: 0950-0618 eISSN: 1879-0526 ISI impact factor 4.046 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061819320318">https://www.sciencedirect.com/science/article/abs/pii/S0950061819320318</a>
16	Vergara, L., Flores, I., Fajardo San Miguel, G.J., Efecto De La Relación Molar Del Hidróxido De Sodio Y Del Porcentaje De Adición Del Silicato De Sodio En Un Geopolímero A Base De Metacaolín, XV Congreso Latino-Americano De Patología De Construcción - XVII Congreso De Control De Calidad En La Construcción, November 2019, DOI: 10.21041/CONPAT2019/V1CC44 <a href="https://www.researchgate.net/publication/337267201_EFECTO_DE_LA_RELACION_MOLAR_DEL_HIDROXIDO_DE_SODIO_Y_DEL_PORCENTAJE_DE_ADICION_DEL_SILICATO_DE_SODIO_EN_UN_GEOPOLIMERO_A_BASE_DE_METACAOLIN/references">https://www.researchgate.net/publication/337267201_EFECTO_DE_LA_RELACION_MOLAR_DEL_HIDROXIDO_DE_SODIO_Y_DEL_PORCENTAJE_DE_ADICION_DEL_SILICATO_DE_SODIO_EN_UN_GEOPOLIMERO_A_BASE_DE_METACAOLIN/references</a>
17	Prasanphan, S., Wannagon, A., Kobayashi, T., Jiemsirilers, S., Reaction mechanisms of calcined kaolin processing waste-based geopolymers in the presence of low alkali activator solution, <i>Construction and Building Materials</i> 221 (2019) 409-420. DOI: 10.1016/j.conbuildmat.2019.06.116 ISSN 0950-0618 ISI impact factor 4.046 (2018) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0950061819315454">https://www.sciencedirect.com/science/article/abs/pii/S0950061819315454</a>
18	Zhao, S., Muhammad, F., Yu, L., Xia, M., Huang, X., Jiao, B., Lu, N., Li, D., Solidification/stabilization of municipal solid waste incineration fly ash using uncalcined coal gangue based alkali-activated cementitious materials, <i>Environmental Science and Pollution Research</i> , July 2019, DOI: 10.1007/s11356-019-05832-5 ISSN: 0944-1344 (Print) 1614-7499 (Online) ISI impact factor 2.914 (2018) <a href="https://www.ncbi.nlm.nih.gov/pubmed/31267393">https://www.ncbi.nlm.nih.gov/pubmed/31267393</a>
19	Arioz, E., Arioz, O., Kockar, O. M., An Experimental Study on the Mix Design Optimization of Fly Ash Based Geopolymers, <i>Chemical Industry and Chemical Engineering Quarterly</i> 1 (2019) 1- 17. DOI: 10.2298/CICEQ181111004A <a href="http://www.doiserbia.nb.rs/img/doi/1451-9372/2019%20OnLine-First/1451-93721900004A.pdf">http://www.doiserbia.nb.rs/img/doi/1451-9372/2019%20OnLine-First/1451-93721900004A.pdf</a>
20	Billong, N., Kinuthia, J., Oti, J., Melo, U. C., Performance of sodium silicate free geopolymers from metakaolin (MK) and Rice Husk Ash (RHA): Effect on tensile strength and microstructure, <i>Construction and Building Materials</i> 189 (2018) 307-

	313. DOI: 10.1016/j.conbuildmat.2018.09.001 ISSN 0950-0618 ISI impact factor 4.046 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0950061818321603">https://www.sciencedirect.com/science/article/pii/S0950061818321603</a>
21	Aboulayt, A., Jaafri, R., Samouh, H., El Idrissi, A. C., Roziere, E., Moussa, R., Ahmed Loukili, A., Stability of a new geopolymer grout: Rheological and mechanical performances of metakaolin-fly ash binary mixtures, <i>Construction and Building Materials</i> 181 (2018) 420–436. DOI: 10.1016/j.conbuildmat.2018.06.025 ISSN 0950-0618 ISI impact factor 4.046 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0950061818314156">https://www.sciencedirect.com/science/article/pii/S0950061818314156</a>
22	Belmokhtar, N., El Ayadi, H., Ammari, M., LB Allal, L. B., Effect of structural and textural properties of a ceramic industrial sludge and kaolin on the hardened geopolymer properties, <i>Applied Clay Science</i> 162 (2018) 1-9. DOI: 10.1016/j.clay.2018.05.029 ISSN 0169-1317 ISI Impact factor 3.89 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0169131718302424">https://www.sciencedirect.com/science/article/pii/S0169131718302424</a>
23	El-Naggar, M.R., Amin, M., Impact of alkali cations on properties of metakaolin and metakaolin/slag geopolymers: Microstructures in relation to sorption of <sup>134</sup> Cs radionuclide, <i>Journal of Hazardous Materials</i> 344 (2018) 913-924. DOI: 10.1016/j.jhazmat.2017.11.049 ISSN 0304-3894 ISI impact factor 7.65 (2018) <a href="https://www.ncbi.nlm.nih.gov/pubmed/29195102">https://www.ncbi.nlm.nih.gov/pubmed/29195102</a>
24	Saxena, S. K., Kumar, M., NB Singh, N. B., Influence of alkali solutions on properties of pond fly ash-based geopolymer mortar cured under different conditions, <i>Advances in Cement Research</i> 30-1 (2018) 1-7. DOI: 10.1680/jadcr.17.00038 ISSN 0951-7197   E-ISSN 1751-7605 ISI impact factor 1.355 (2018) <a href="http://www.icvirtuallibrary.com/doi/abs/10.1680/jadcr.17.00038">http://www.icvirtuallibrary.com/doi/abs/10.1680/jadcr.17.00038</a>
25	Hoyos Montilla, A.A., Evolución de la reacción y estructura del sistema portlandita-ceniza volante de carbón activado alcalinamente, Ph. D. Thesis, Universidad Nacional de Colombia - Sede Medellín, Columbia <a href="http://bdigital.unal.edu.co/64954/">http://bdigital.unal.edu.co/64954/</a>
26	Mairitsch, E., Harmuth, H., Composition and properties of a metakaolin-based geopolymer binder suitable for shaping using a slinger, <i>Construction and Building Materials</i> 156 (2017) 277–283. DOI: 10.1016/j.conbuildmat.2017.08.164 ISSN 0950-0618 ISI impact factor 3.485 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0950061817317737">http://www.sciencedirect.com/science/article/pii/S0950061817317737</a>
27	Nmiri, A., Hamdi, N., Yazoghli-Marzouk, O., Duc, M., Srasra, E., Synthesis and characterization of kaolinite-based geopolymer: Alkaline activation effect on calcined kaolinitic clay at different temperatures, <i>Journal of Materials and Environmental Sciences</i> 8 – 2 (2017) 676 – 690. ISSN : 2028-2508 <a href="http://www.jmaterenvironsci.com/Document/vol8/vol8_N2/73-JMES-2404-Nmiri.pdf">http://www.jmaterenvironsci.com/Document/vol8/vol8_N2/73-JMES-2404-Nmiri.pdf</a>
28	Aboulayt, A., Riahi, M., Touhami, M. O., Hannache, H., Gomina, M., Moussa, R., Properties of metakaolin based geopolymer incorporating calcium carbonate, <i>Advanced Powder Technology</i> 28-9 (2017) 2393-2401. DOI: 10.1016/j.apt.2017.06.022 ISSN: 0921-8831 ISI impact factor 2.943 (2017) <a href="http://www.sciencedirect.com/science/journal/aip/09218831?sdsc=1">http://www.sciencedirect.com/science/journal/aip/09218831?sdsc=1</a>
29	El Hafid, K., Hajjaji, M., El Hafid, H., Influence of NaOH concentration on microstructure and properties of cured alkali-activated calcined clay, <i>Journal of Building Engineering</i> 11 (2017) 158–165. DOI: 10.1016/j.jobbe.2017.04.012 ISSN 2352-7102 <a href="http://www.sciencedirect.com/science/article/pii/S2352710216301139">http://www.sciencedirect.com/science/article/pii/S2352710216301139</a>
30	Belmokhtar, N., Ammari, M., Brigui, J., Ben allal, L., Comparison of the microstructure and the compressive strength of two geopolymers derived from Metakaolin and an industrial sludge, <i>Construction and Building Materials</i> 146 (2017) 621–629. DOI: 10.1016/j.conbuildmat.2017.04.127 ISSN 0950-0618 ISI impact factor 3.485 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0950061817307882">http://www.sciencedirect.com/science/article/pii/S0950061817307882</a>
31	Tang, Q., Xue, G., Yang, S., Wang, K., Cui, X., Study on the Preparation of a Free-sintered Inorganic Polymer-based Proppant using the Suspensions Solidification Method, <i>Journal of Cleaner Production</i> 148 (2017) 276–282. DOI: 10.1016/j.jclepro.2017.02.001 ISSN: 0959-6526 Impact factor: 5.651 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0959652617302020">http://www.sciencedirect.com/science/article/pii/S0959652617302020</a>
32	González-García, D. M., Téllez-Jurado, L., Jiménez-Álvarez F. J., Balmori-Ramírez, H., Structural study of geopolymers obtained from alkali-activated natural pozzolan feldspars, <i>Ceramics International</i> 43-2 (2017) 2606–2613. DOI: 10.1016/j.ceramint.2016.11.070 ISSN 0272-8842 ISI Impact Factor: 3.057 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0272884216320740">http://www.sciencedirect.com/science/article/pii/S0272884216320740</a>
33	Khalifeh, M., Materials for optimized P&A performance: Potential utilization of geopolymers, PhD thesis in Petroleum engineering, University of Stavanger, Norway, 2016 <a href="http://hdl.handle.net/11250/2396282">http://hdl.handle.net/11250/2396282</a>
34	El Hafid, K., Hajjaji, M., Alkali-etched heated clay: Microstructure and physical/mechanical properties, <i>Journal of Asian Ceramic Societies</i> 4-3 (2016) 234–242. DOI:10.1016/j.jascer.2016.07.001 ISSN 2187-0764 ISI Impact Factor: 0.1 (2016) <a href="http://www.sciencedirect.com/science/article/pii/S2187076416300537">http://www.sciencedirect.com/science/article/pii/S2187076416300537</a>
35	Geraldes, C. F. M., Lima, A. M., Delgado-Rodrigues, J., Mimoso, J. M., Pereira, S. R. M., Geopolymers as potential repair material in tiles conservation, <i>Applied Physics A</i> (2016) 122:197. DOI: 10.1007/s00339-016-9709-3 Print ISSN : 0947-8396 Online ISSN: 1432-0630 ISI impact factor 1.455 (2016) <a href="http://link.springer.com/article/10.1007/s00339-016-9709-3">http://link.springer.com/article/10.1007/s00339-016-9709-3</a>
36	Tippayasam, C., Balyore, P., Thavorniti, P., Kamseu, E., Leonelli, C., Chindapasirt, P., Chaysuwan, D., Potassium alkali concentration and heat treatment affected metakaolin-based geopolymer, <i>Construction and Building Materials</i> 104 (2016) 293-297. DOI: 10.1016/j.conbuildmat.2015.11.027 ISSN 0950-0618 ISI impact factor 3.169 (2016) <a href="http://www.sciencedirect.com/science/article/pii/S0950061815306528">http://www.sciencedirect.com/science/article/pii/S0950061815306528</a>
37	Khalifeh, M., Saasen, A., Vrålstad, T., Larsen, H. B., Hodne, H., Experimental study on the synthesis and characterization

	of aplite rock-based geopolymers, <i>Journal of Sustainable Cement-Based Materials</i> 5-4 (2016) 233-246. DOI:10.1080/21650373.2015.1044049, ISSN: 2165-0373 (Print), 2165-0381 (Online) ISI Impact Factor: 0.1 (2016) <a href="http://www.tandfonline.com/doi/abs/10.1080/21650373.2015.1044049">http://www.tandfonline.com/doi/abs/10.1080/21650373.2015.1044049</a>
38	Bouzón Orgeira, N., Activadores Alcalinos Alternativos A Partir De La Ceniza De Cáscara De Arroz Para La Fabricación De Geopolímeros, Doctoral Thesis, Departamento de Ingeniería de la Construcción y de Proyectos de Ingeniería Civil, Universitat Politècnica de Valencia, Spain, 2015. <a href="https://riUNET.upv.es/bitstream/handle/10251/54126/BOUZ%C3%93N%20-%20ACTIVADORES%20ALCALINOS%20ALTERNATIVOS%20A%20PARTIR%20DE%20LA%20CENIZA%20DE%20C%C3%81SCARA%20DE%20ARROZ%20PARA%20LA%20PRE....pdf?sequence=1">https://riUNET.upv.es/bitstream/handle/10251/54126/BOUZ%C3%93N%20-%20ACTIVADORES%20ALCALINOS%20ALTERNATIVOS%20A%20PARTIR%20DE%20LA%20CENIZA%20DE%20C%C3%81SCARA%20DE%20ARROZ%20PARA%20LA%20PRE....pdf?sequence=1</a> .
39	Mat Daud, Y., Hussin, K., Mohd Ruzaidi, C., Osman, A. F., Al Bakri Abdullah, M. M., Binhussain, M., Kaolin-based geopolymer filled epoxy-layered silicates: Compressive properties, <i>Applied Mechanics and Materials</i> 754-755 (2015) 20-224. DOI:10.4028/www.scientific.net/AMM.754-755.220 <a href="https://www.researchgate.net/publication/281231455_Kaolin-based_geopolymer_filled_epoxy-layered_silicates_Compressive_properties">https://www.researchgate.net/publication/281231455_Kaolin-based_geopolymer_filled_epoxy-layered_silicates_Compressive_properties</a>
40	Tchakouté, H. K., Kong, S., Djobo, J. N. Y., Tchadjjié, L. N., Njopwouo, D., A comparative study of two methods to produce geopolymer composites from volcanic scoria and the role of structural water contained in the volcanic scoria on its reactivity, <i>Ceramics International</i> , Part A, 41-10 (2015) 12568–12577. DOI:10.1016/j.ceramint.2015.06.073 ISSN 0272-8842 ISI Impact Factor: 2.605 (2014) <a href="http://www.sciencedirect.com/science/article/pii/S027288421501189X">http://www.sciencedirect.com/science/article/pii/S027288421501189X</a>
41	Esaifan, M., Rahier, H., Barhoum, A., Khoury, H., Hourani, M., Wastiels, J., Development of inorganic polymer by alkali-activation of untreated kaolinic clay: Reaction stoichiometry, strength and dimensional stability, <i>Construction and Building Materials</i> 91 (2015) 251–259. DOI:10.1016/j.conbuildmat.2015.04.034 ISSN 0950-0618 ISI impact factor 2.421 (2015) <a href="http://www.sciencedirect.com/science/article/pii/S0950061815004778">http://www.sciencedirect.com/science/article/pii/S0950061815004778</a>

38. Praisler, M., Ciochina, S., PCA Evaluation of Quantum Cascade Lasers as Radiation Sources for Portable IRAS Systems Detecting Amphetamines, 2013 E-Health and Bioengineering Conference (EHB 2013), Article number 6707370 (21-23 November 2013, Iasi, Romania) DOI: 10.1109/EHB.2013.6707370 WOS:000346672900138 ISBN 978-1-4799-2372-4 <https://ieeexplore.ieee.org/document/6707370/>

39. Ciochina, S., Praisler, M., Pattern Recognition Techniques Applied for the Detection of Amphetamines Based on Infrared Laser Spectroscopy, 2013 E-Health and Bioengineering Conference (EHB 2013), Article number 6707369 (21-23 November 2013, Iasi, Romania) DOI: 10.1109/EHB.2013.6707369 WOS:000346672900137 ISBN 978-1-4799-2372-4 <https://ieeexplore.ieee.org/document/6707369/>

#### LUCRARE CITATA IN

1	Gallardo-González, J., Baraket, A., Bonhomme, A., Zine, N., Sigaud, M., Bausells, J., & Errachid, A., Sensitive Potentiometric Determination of Amphetamine with an All-Solid-state Micro Ion-Selective-electrode, <i>Analytical Letters</i> 51-3 (2018) 348-358. DOI: 10.1080/00032719.2017.1326053 Print ISSN: 0003-2719 Online ISSN: 1532-236X ISI Impact factor: 1.248 (2018) <a href="http://www.tandfonline.com/doi/abs/10.1080/00032719.2017.1326053">http://www.tandfonline.com/doi/abs/10.1080/00032719.2017.1326053</a>
---	---

40. Ghinita Constantin, S., Praisler, M., Iordachescu, G., Identification of the Origin of Vegetable Products: Dill (*Anethum Graveolens*), 6th International Conference on Management and Industrial Engineering - ICMIE 2013, Bucharest, ROMANIA, 31 October – 02 November 2013, in *Management - Facing New Technology Challenges, ICMIE 2013*, Book Series: International Conference of Management and Industrial Engineering, 2013, pp.173-180. ISSN: 2344-0937, WOS:000448492200019 <http://www.icmie.ro/>

41. Ghinita Constantin, S., Praisler, M., Iordachescu, G., Identification of the Origin of Vegetable Products: Lovage (*Levisticum Officinale*), 6th International Conference on Management and Industrial Engineering - ICMIE 2013, Bucharest, ROMANIA, 31 October – 02 November 2013, in *Management - Facing New Technology Challenges, ICMIE 2013*, Book Series: International Conference of Management and Industrial Engineering, 2013, pp. 245-252. ISSN: 2344-0937, WOS:000448492200019 <http://www.icmie.ro/>

42. Praisler, M., Ciochina, S., Intelligent screening for designer drugs: a signal analysis, in Petre, E; Brezovan, M. (Eds) 2013 *17th International Conference on System Theory, Control And Computing (ICSTCC)*, 2013, pp. 428-433. Article number 6688996. DOI: 10.1109/ICSTCC.2013.6688996 WOS:000330660500066 ISBN 978-1-4799-2228-4, Print ISBN 978-1-4799-2227-7 <https://ieeexplore.ieee.org/document/6688996/>

43. Ciochina, S., Praisler, M., Optimization of amphetamines multivariate detection by GC-FTIR spectra preprocessing, in Petre, E; Brezovan, M. (Eds) 2013 *17th International Conference on System Theory, Control And Computing (ICSTCC)*, 2013, pp.125-130. Article number 6688947. DOI: 10.1109/ICSTCC.2013.6688947 WOS:000330660500020 ISBN 978-1-4799-2228-4, Print ISBN 978-1-4799-2227-7 <https://ieeexplore.ieee.org/document/6688947/>

44. Boldea, D.-A., Praisler, M., Quaranta, M., Minguzzi, V., Multi-technique characterisation of painted Eneolithic ceramics originating from Cucuteni (Romania), *European Journal of Science & Theology*, 9-4 (2013) 253-262. ISSN 1841-0464, 1842-8517 (on-line) ISI Impact Factor: 0.389 (2012) [http://www.ejst.tuiasi.ro/Files/40/20\\_Boldea.pdf](http://www.ejst.tuiasi.ro/Files/40/20_Boldea.pdf)

#### LUCRARE CITATA IN

1	Mățau, F., Chișcan, O., Pintilei, M., Garvăn, D., Stancu, A., Technological Features of the Chalcolithic Pottery from Târpești (Neamț County, Eastern Romania), <i>Mediterranean Archaeology and Archaeometry</i> 19-3 (2019) 93-104. DOI: 10.5281/zenodo.3541108 ISSN (Online): 2241-8121 ISSN (Print): 1108-9628 <a href="http://maajournal.com/Issues/2019/Vol19-3/6_Matau%20et%20al%2019(3).pdf">http://maajournal.com/Issues/2019/Vol19-3/6_Matau%20et%20al%2019(3).pdf</a>
2	Amoohadi, M., Mozaffari, M., A simple method to insulate nanostructure Sendust alloy, suitable for mid-high frequency applications, <i>Physica B: Condensed Matter</i> Available online 18 October 2019, 411798 DOI: 10.1016/j.physb.2019.411798 ISSN 0921-4526 ISI Impact factor: 1.874 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0921452619306945">https://www.sciencedirect.com/science/article/pii/S0921452619306945</a>
3	Fišter, N., FTIR i XRD ANALIZA SEDIMENATA I TLA NA PODRUČJU PLITVIČKIH JEZERA, Varaždin, 2018. <a href="https://repozitorij.gfv.unizq.hr/islandora/object/gfv%3A307/datastream/PDF/view">https://repozitorij.gfv.unizq.hr/islandora/object/gfv%3A307/datastream/PDF/view</a>
4	Oancea, A. V., Bodi, G., Nica, V., Ursu, L. E., Drobota, M., Cotofana, C., Vasiliu, A. L., Simionescu, B. C., Olaru, M., Multi-analytical characterization of Cucuteni pottery, <i>Journal of the European Ceramic Society</i> , 37-15 (2017) 5079-5098. DOI: 10.1016/j.jeurceramsoc.2017.07.018 ISSN: 0955-2219 ISI Impact factor: 3.794 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0955221917305046">http://www.sciencedirect.com/science/article/pii/S0955221917305046</a>
5	Bintintan, A., Gligor, M., Dulama, I.D., Teodorescu, S., Stirbescu, R. M., Radulescu, C., ATR-FTIR and SEM-EDS Analyses of Lumea Noua Painted Pottery from Alba Iulia-Lumea Noua Neolithic Site, <i>Revista de Chimie</i> 68-4 (2017) 847-852. ISSN 0034-7752 ISI Impact factor: 1.412 (2017) <a href="http://www.revistadechimie.ro/pdf/44%20BINTINTAN%20A%204%2017.pdf">http://www.revistadechimie.ro/pdf/44%20BINTINTAN%20A%204%2017.pdf</a>

45. Boldea, D.-A., Praisler, M., Petrographic characterization of painted Eneolithic ceramics, *European Journal of Science & Theology*, 9-2 (2013) 243-248. ISSN 1841-0464, 1842-8517 (on-line) ISI Impact Factor: 0.389 (2012) [http://www.ejst.tuiasi.ro/Files/37/25\\_BoldeaPraisler.pdf](http://www.ejst.tuiasi.ro/Files/37/25_BoldeaPraisler.pdf)

#### LUCRARE CITATA IN

1	Sedghi, Y., Beheshti, I., The Study of Petrography of the 4th Millennium B.C. Pottery of the Narjuiyeh in Jiroft, <i>Parseh Journal of Archaeological Studies</i> 12-4 (2020) 61-73. DOI: 10.30699 <a href="https://www.researchgate.net/publication/344076865_The_Study_of_Petrography_of_the_4th_Millennium_BC_Pottery_of_the_Narjuiyeh_in_Jiroft/references">https://www.researchgate.net/publication/344076865_The_Study_of_Petrography_of_the_4th_Millennium_BC_Pottery_of_the_Narjuiyeh_in_Jiroft/references</a>
2	Chitnarong, S., Krissananan, E., Yaowarat, S., Wannasan, N., Smartphone Colorimetry of Fine-Paste Ware in Hindu-Buddhist Rituals, <i>European Journal of Science and Theology</i> 16-3 (2020) 179-186. ISSN 1841-0464, 1842-8517 (on-line) ISI impact factor: 0.1 (2018) <a href="http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf">http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf</a>
3	Sirisathitkul, C., Ekmataruekul, K., Sirisathitkul, Y., Noonsuk, W., Smartphone Colorimetry of Fine-Paste Ware in Hindu-Buddhist Rituals, <i>European Journal of Science &amp; Theology</i> , 16-3 (2020) 179-186. ISSN 1841-0464, 1842-8517 (on-line) <a href="http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf">http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf</a>

46. Praisler, M., Domnisoru, D., Domnisoru, L., Chemometric Method for the Automated Identification of Cucuteni Ceramics Based on ATR-FTIR Spectra, *European Journal of Science & Theology*, 9-2 (2013) 249-256. ISSN 1841-0464, 1842-8517 (on-line) ISI Impact Factor: 0.389 (2012) [http://www.ejst.tuiasi.ro/Files/37/26\\_Praisleretal.pdf](http://www.ejst.tuiasi.ro/Files/37/26_Praisleretal.pdf)

#### LUCRARE CITATA IN

1	Chitnarong, S., Krissananan, E., Yaowarat, S., Wannasan, N., Smartphone Colorimetry of Fine-Paste Ware in Hindu-Buddhist Rituals, <i>European Journal of Science and Theology</i> 16-3 (2020) 179-186. ISSN 1841-0464, 1842-8517 (on-line) ISI impact factor: 0.1 (2018) <a href="http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf">http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf</a>
2	Sirisathitkul, C., Ekmataruekul, K., Sirisathitkul, Y., Noonsuk, W., Smartphone Colorimetry of Fine-Paste Ware in Hindu-Buddhist Rituals, <i>European Journal of Science &amp; Theology</i> , 16-3 (2020) 179-186. ISSN 1841-0464, 1842-8517 (on-line) <a href="http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf">http://www.ejst.tuiasi.ro/Files/82/15_Sirisathitkul%20et%20al.pdf</a>
3	Dănilă, E., Moraru, L., Dey, N., Ashour, A.S., Shi, F., Fong, S. J., Khan, S., Biswas, A., Multifractal Analysis of Ceramic Pottery SEM Images in Cucuteni-Tripolye Culture, <i>Optik</i> 164 (2018) 538-546. DOI: 10.1016/j.ijleo.2018.03.052 ISSN 0030-4026 ISI impact factor: 1.914 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0030402618303905">https://www.sciencedirect.com/science/article/pii/S0030402618303905</a>
4	Hortolà, P., Experimental artefacts in research on prehistoric and aboriginal technology: a standardised terminology and registry code based on alpha-taxonomy and the chaîne opératoire, <i>Archaeological and Anthropological Sciences</i> 10-1 (2018) 31-40. DOI: 10.1007/s12520-016-0332-1 ISSN Print: 1866-9557, ISSN Online: 1866-9565 ISI impact factor: 1.978 (2018) <a href="http://link.springer.com/article/10.1007/s12520-016-0332-1">http://link.springer.com/article/10.1007/s12520-016-0332-1</a>

47. Dumitru, M., Rebegea, L., Praisler, M., Strunga, E., Dumitrache, M., Issues in Radiotherapy Practice Due the Presence of Wedge Filters, *Romanian Reports in Physics*, 65-2 (2013) 456-467. ISSN 1221-1451 ISI Impact Factor: 1.137 (2013) [http://www.rp.infirm.ro/2013\\_65\\_2/art14Dumitru.pdf](http://www.rp.infirm.ro/2013_65_2/art14Dumitru.pdf)

**LUCRARE CITATA IN**

1	Dawod, T., Abdelrazek, E.M., El Naggar, M., Omar, R., Dose Validation of Physical Wedged Asymmetric Fields in Artiste Linear Accelerator, <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 3 (2014) 201-209. DOI: 10.4236/ijmpcero.2014.34026 ISSN Print: 2168-5436, ISSN Online: 2168-5444 <a href="http://www.scirp.org/journal/ijmpcero">http://www.scirp.org/journal/ijmpcero</a>
---	--

48. Ajeegah, G., Cioroi, M., Praisler, M., Constantin, O., Palela, M., Bahrim, G., Bacteriological and environmental characterisation of the water quality in the Danube River Basin in the Galati area of Romania, *African Journal of Microbiology Research* 6-2 (2012) 292-301. DOI: 10.5897/AJMR11.1182 ISSN 1996-0808; ISI Impact Factor: 0.539 (2012)  
<http://www.academicjournals.org/AJMR>

**LUCRARE CITATA IN**

1	Briciu, A.-E. et al, Changes in the Water Temperature of Rivers Impacted by the Urban Heat Island: Case Study of Suceava City, <i>Water</i> 12-5 (2020) 1343. DOI:10.3390/w12051343 ISSN 2073-4441 ISI impact factor 2.524 (2018) <a href="https://www.mdpi.com/2073-4441/12/5/1343">https://www.mdpi.com/2073-4441/12/5/1343</a>
2	Banciu, A., Niculescu, D., Nita-Lazar, M., Lucaciu, I., Stoica, C., Mihaescu, G., Potentially Pathogenic and Antibiotic Resistant Bacteria in the Danube Delta Aquatic Ecosystem, <i>Journal of Environmental Protection and Ecology</i> , 17-1 (2016) 27-135. ISSN:1311-5065 ISI impact factor 0.734 (2015) <a href="http://www.jepe-journal.info/journal-content/vol-17-no-1">http://www.jepe-journal.info/journal-content/vol-17-no-1</a>
3	Payal, A. Impact of pollution on water quality and fishes of river Tawi, PhD Thesis, University of Jammu, India, 2016 <a href="http://ir.inflibnet.ac.in:8080/jspui/handle/10603/80437">http://ir.inflibnet.ac.in:8080/jspui/handle/10603/80437</a>
4	Gheorghe, S., Catranguiu, A., Lucaciu, I., Tiron, O., Cosma, C., Stoica, C., Dinu, L., Water microbial quality during drinking water treatment technology and distribution provided by two Romanian companies, <i>Water Science and Technology-Water Supply</i> , 15-1 (2015) 66-74. DOI: 10.2166/ws.2014.085 2015 ISSN: 1606-9749 ISI impact factor 0.532 (2015) <a href="http://www.iwaponline.com/ws/01501/ws015010066.htm">http://www.iwaponline.com/ws/01501/ws015010066.htm</a>
5	Kirschner, A.K.T., Kavka, G., Reischer, G.H., Sommer, R., Blaschke, A.P., Stevenson, M., Vierheilg, J., Mach, R.L., Farnleitner, A.H., <i>Microbiological Water Quality of the Danube River: Status Quo and Future Perspectives</i> , in <i>The Handbook of Environmental Chemistry</i> , Springer Berlin Heidelberg, 2015, ISBN 1867-979X. DOI: 10.1007/698_2014_307, <a href="http://link.springer.com/chapter/10.1007/698_2014_307#page-1">http://link.springer.com/chapter/10.1007/698_2014_307#page-1</a>
6	Le, T. P. Q., Ho, T. C., Duong, T. T., Vu, D. A., Pham, Q. L., Seidle, C., Water quality of the Red River system in the period 2012-2013, <i>Journal of Vietnamese Environment</i> 6 – 3 (2014) 191-195. DOI: 10.13141/jve.vol6.no3.pp191-195. ISSN: 2193-6471 <a href="http://www.qucosa.de/fileadmin/data/qucosa/documents/19064/2014_Vol_6_%20No_3_pp_191-195_short_communications.pdf">http://www.qucosa.de/fileadmin/data/qucosa/documents/19064/2014_Vol_6_%20No_3_pp_191-195_short_communications.pdf</a>
7	Ali, S., Hussain, S. A., Ali, S., Abbas, Q., Hussain, M., Ali, W., Akber, M., Khan, M. H., Hussain, J., Water quality assessment of Gilgit river, using fecal and total coliform as indicators, <i>Journal of Biodiversity and Environmental Sciences</i> 5-4 (2014) 343-347. ISSN: 2220-6663 (Print) 2222-3045 (Online) <a href="http://www.innspub.net/wp-content/uploads/2014/10/JBES-Vol5No4-p343-347.pdf">http://www.innspub.net/wp-content/uploads/2014/10/JBES-Vol5No4-p343-347.pdf</a>
8	Kuna, E., Krpan, L., Palijan, G., Dinamika broja koliformnih bakterija u poplavnom području Kopački rit, <i>Hrvatske vode</i> 22 88 (2014) 89-96. <a href="http://www.voda.hr/sites/default/files/pdf_clanka/hv_88_2014_89-96_kuna-et-al.pdf">http://www.voda.hr/sites/default/files/pdf_clanka/hv_88_2014_89-96_kuna-et-al.pdf</a>
9	Štampar, A., Osijeku, S u., Dinamika broja Koliformnih bakterija u poplavnom području Kopački rit, <i>Hrvatske vode</i> 2014 <a href="http://www.voda.hr/sites/default/files/pdf_clanka/hv_88_2014_89-96_kuna-et-al.pdf">http://www.voda.hr/sites/default/files/pdf_clanka/hv_88_2014_89-96_kuna-et-al.pdf</a>
10	Pall, E., Niculae, M., Kiss, T., Şandru, C.D., Spînu, M., Human impact on the microbiological water quality of the rivers, <i>Journal of Medical Microbiology</i> 62-11 (2013) 1635-1640. DOI: 10.1099/jmm.0.055749-0 ISSN 0022-2615, ISI impact factor 2.266 (2013) <a href="http://jmm.sgmjournals.org/content/62/Pt_11/1635">http://jmm.sgmjournals.org/content/62/Pt_11/1635</a>

49. Cioroi, M., Praisler, M., Physico-Chemical Characteristics and Dynamics of the Wells Water in Galati County (Romania), *Environmental Engineering and Management Journal* 11-1 (2012) 55-60. ISSN 1582-9596; ISI Impact factor 1,117 (2012)  
<http://omicron.ch.tuiasi.ro/EEMJ/issues/vol11/vol11no1.htm>

**LUCRARE CITATA IN**

1	Muntean, E., Mihaescu, T., Groundwater Quality Studies in Two Transylvanian Rural Communities Using Parallel Ion Chromatography, <i>Environmental Engineering and Management Journal</i> 15-12 (2016) 2703-2708. ISSN: 1582-9596, eISSN:1843-3707 ISI Impact factor 1.096 (2016) <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol15/no12/16_505_Muntean_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol15/no12/16_505_Muntean_12.pdf</a>
2	Wang, W.K., Duan, L., Yang, X.T., Tian,H., Shallow Groundwater Hydro-Chemical Evolution and Simulation with Special Focus on Guanzhong Basin, China, <i>Environmental Engineering And Management Journal</i> 12-7 (2013) 1447-1455. ISSN: 1582-9596, ISI Impact factor 1.258 (2013) <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no7/19_988_Wang_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no7/19_988_Wang_12.pdf</a>
3	Stamate, M., Lazar, I.M., New Experimental Parameters for Monitoring Energy Spectra of Gamma-Ray Radiations in the Environment, <i>Environmental Engineering and Management Journal</i> 12-1 (2013) 105-113. ISSN 1582-9596, ISI Impact factor 1.258 (2013) <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no1/13_796_Stamate_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no1/13_796_Stamate_12.pdf</a>
4	Faciú, M.E., Ifrim, I.L., Lazar, G., Building an Integrated Environmental Monitoring System for Heavy Metals in Romanian Soils: Moldova Region Case Study, <i>Environmental Engineering and Management Journal</i> 11-12 (2012) 2185-2201. ISSN 1582-9596, eISSN: 1843-3707 ISI Impact Factor: 1.117 (2012); <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/9_694_Faciú_12.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no12/9_694_Faciú_12.pdf</a>

50. Domnisoru, D., Praisler, M., Domnisoru, L., Principal Components Analysis Applied on Experimental Spectra Series for Ceramic Materials Characterization, 16th International Conference on Modern Technologies, Quality and Innovation, May 24-26, 2012, Sinaia, ROMANIA, in Nedelcu, D., Slatineanu, L., Mazuru, S., Milosevic, O. (Eds), *MODTECH 2012: NEW FACE OF TMCR, VOLS I AND II, Book Series: International Conference ModTech Proceedings*, 2012, pp.305-308. WOS:000392261800077 ISSN 2069-6736 <http://www.modtech.ro/>
51. Gosav, S., Praisler, M., Birsă, M.L., Principal Component Analysis Coupled with Artificial Neural Networks—A Combined Technique Classifying Small Molecular Structures Using a Concatenated Spectral Database, *International Journal of Molecular Sciences*, Special Issue *Advances in Computational Toxicology*, 12-10 (2011) 6668-6684. DOI: 10.3390/ijms12106668 ISSN 1422-0067 ISI Impact Factor: 2.598 (2011) <http://www.mdpi.com/1422-0067/12/10/6668/>

#### LUCRARE CITATA IN

1	Birsă, M. L., Apostu, M. O., Sandu, I., Panainte, A. D., Bibire, N., Synthesis and Structural Characterization of Some 1,3-Dithiol-2-ylidene Salts, <i>Revista de Chimie</i> 71-2 (2020) 418 - 421. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="https://www.revistadechimie.ro/pdf/62%20BARSA%202%2020.pdf">https://www.revistadechimie.ro/pdf/62%20BARSA%202%2020.pdf</a>
2	Ashrafian, A. et al, Classification-Based Regression Models for Prediction of Mechanical Properties of Roller Compacted Concrete Pavement, <i>Applied Sciences</i> 10-11 (2020) 3707, DOI: 10.3390/app10113707 ISSN 2076-3417 ISI Impact factor: 2.217 (2018) <a href="https://www.mdpi.com/2076-3417/10/11/3707">https://www.mdpi.com/2076-3417/10/11/3707</a>
3	Xu, H., Zhou, J., Asteris, P. G., Jahed Armaghani, D., Tahir, M. Md., Supervised Machine Learning Techniques to the Prediction of Tunnel Boring Machine Penetration Rate, <i>Applied Sciences</i> 9-18 (2019) 3715. DOI: 10.3390/app9183715 ISSN 2076-3417 ISI Impact factor: 2.217 (2018) <a href="https://www.mdpi.com/2076-3417/9/18/3715">https://www.mdpi.com/2076-3417/9/18/3715</a>
4	Pandit, S., Kunwar, S., Pandey, P., Lee, J., Improved LSPR Properties of Ag–Pt and Pt Nanoparticles: A Systematic Study on Various Configurations and Compositions of NPs via the Solid-State Dewetting of Ag–Pt Bilayers, <i>Metals</i> 9-9 (2019) 1011. DOI: 10.3390/met9091011 ISSN 2075-4701 ISI Impact factor: 2.259 (2018) <a href="https://www.mdpi.com/2075-4701/9/9/1011">https://www.mdpi.com/2075-4701/9/9/1011</a>
5	Ly, H.-B., Pham Dao, B. T., Le, L. M., Improvement of ANFIS Model for Prediction of Compressive Strength of Manufactured Sand Concrete, <i>Applied Sciences</i> 9-18 (2019) 3841. DOI:10.3390/app9183841 ISSN 2076-3417 ISI Impact factor: 2.217 (2018) <a href="https://www.mdpi.com/2076-3417/9/18/3841">https://www.mdpi.com/2076-3417/9/18/3841</a>
6	Sabater, C., Ferreira-Lazarte, A., Montilla, A., Corzo, N., Enzymatic Production and Characterization of Pectic Oligosaccharides Derived from Citrus and Apple Pectins: A GC-MS Study Using Random Forests and Association Rule Learning, <i>Journal of Agricultural and Food Chemistry</i> 67-26 (2019)7435-7447. DOI: 10.1021/acs.jafc.9b00930 Print ISSN: 0021-8561 Online ISSN: 1520-5118, ISI Impact factor: 3.571 (2018) <a href="https://pubs.acs.org/doi/abs/10.1021/acs.jafc.9b00930">https://pubs.acs.org/doi/abs/10.1021/acs.jafc.9b00930</a>
7	Jung, D. H., Kim, H. J., Kim, H. S., Choi, J., Kim, J. D., Park, S.H., Fusion of Spectroscopy and Cobalt Electrochemistry Data for Estimating Phosphate Concentration in Hydroponic Solution, <i>Sensors</i> 19-11 (2019) 2596 - 2615. DOI:10.3390/s19112596 ISSN 1424-8220 ISI Impact factor: 3.031 (2018) <a href="https://www.mdpi.com/1424-8220/19/11/2596">https://www.mdpi.com/1424-8220/19/11/2596</a>
8	Lungu, C. N., Asaftei, I. V., Sandu, I., Chirita, P., Bahrin, L. G., Synthesis of 4-(2-Hydroxy-5-methylphenyl)-1,3-Dithiol-2-ylidene Derivatives, <i>Revista de Chimie</i> 70-5 (2019) 1558 - 1560. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/9%20LUNGU%205%2019.pdf">http://www.revistadechimie.ro/pdf/9%20LUNGU%205%2019.pdf</a>
9	Sarbu, L. G., Lungu, C. N., Sandu, I., Chirita, P., Bahrin, L. G., Synthesis of 2-Pyrrolyldinyl-1,3-Dithiolium Derivatives from Propiophenones, <i>Revista de Chimie</i> 70-4 (2019) 1311-1314. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/42%20SARBU%20L%204%2019.pdf">http://www.revistadechimie.ro/pdf/42%20SARBU%20L%204%2019.pdf</a>
10	Sarbu, L. G., Lungu, C. N., Sandu, I., 2-Alkylimino-4-(2-Hydroxyaryl)-1,3-Dithiols Derivatives, <i>Revista de Chimie</i> 70-3 (2019) 745-748. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/1%20SARBU%20L%203%2019.pdf">http://www.revistadechimie.ro/pdf/1%20SARBU%20L%203%2019.pdf</a>
11	Bahrin, L. G., Lungu, C. N., Asaftei, I. V., Sandu, I., Synthesis of 4-(4-Hydroxyaryl)-1,3-Dithiolium Perchlorates, <i>Revista de Chimie</i> 70-2 (2019) 527-531. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/34%20BAHRIN%202%2019.pdf">http://www.revistadechimie.ro/pdf/34%20BAHRIN%202%2019.pdf</a>
12	Lungu, C. N., Asaftei, I. V., Sandu, I., Bahrin, L. G., 4-(2-Hydroxyphenyl)-1,3-Dithiol-2-ylidene Derivatives, <i>Revista de Chimie</i> 70-1 (2019) 161-164. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/35%20LUNGU%20C%20N%201%2019.pdf">http://www.revistadechimie.ro/pdf/35%20LUNGU%20C%20N%201%2019.pdf</a>
13	Sabater, C., Olano, A., Corzo, N., Montilla, A., GC-MS characterisation of novel artichoke ( <i>Cynara scolymus</i> ) pectic-oligosaccharides mixtures by the application of machine learning algorithms and competitive fragmentation modelling, <i>Carbohydrate Polymers</i> 205 (2019) 513-523. DOI: 10.1016/j.carbpol.2018.10.054 ISSN 0144-8617 ISI Impact factor: 6.044 (2018) <a href="https://www.ncbi.nlm.nih.gov/pubmed/30446135">https://www.ncbi.nlm.nih.gov/pubmed/30446135</a>
14	Lungu, C. N., Sandu, I., Sarbu, L.G., 5-Methyl-4-(5-Bromo-2-hydroxyphenyl)-1,3-Dithiolium Derivatives, <i>Revista de Chimie</i> 69-121 (2018) 3549-3552. ISSN 0034-7752 ISI Impact factor: 1.605 (2018) <a href="http://www.revistadechimie.ro/pdf/45%20LUNGU%2012%2018.pdf">http://www.revistadechimie.ro/pdf/45%20LUNGU%2012%2018.pdf</a>
15	Gorodea, I. A., Ion Sandu, I. A., Sarbu, L. G., Novel 4-(3-Bromo-2-hydroxy-5-methylphenyl)-1,3-Dithiol-2-ylidene Derivatives, <i>Revista de Chimie</i> 68-9 (2017) 1988-1991. ISSN 0034-7752 ISI Impact factor: 1.412 (2017) <a href="http://www.revistadechimie.ro/pdf/8%20GORODEA%20IOANA%209%2017.pdf">http://www.revistadechimie.ro/pdf/8%20GORODEA%20IOANA%209%2017.pdf</a>

16	Fazillah, A., Juahir, H., Toriman, E., Mohamad, N., Kamarudin, M. K. A., Mohamad, M., Potential of Multivariate Analysis in Substance Abuse Research, <i>Journal of Fundamental and Applied Sciences</i> 9(2S), 2017, 381-396. DOI: 10.4314/jfas.v9i2s.26 , ISSN 1112-9867, ISI Impact factor: 0.1 (2017) <a href="http://www.jfas.info/index.php/jfas/article/view/2674">http://www.jfas.info/index.php/jfas/article/view/2674</a>
17	Westfall, P. H., Arias, A. L., Fulton, L. V., Teaching Principal Components Using Correlations, <i>Multivariate Behavioral Research</i> 52-5 (2017) 648-660. DOI: 10.1080/00273171.2017.1340824 ISSN: 0027-3171 ISI Impact factor: 3.691 (2017) <a href="http://www.tandfonline.com/doi/abs/10.1080/00273171.2017.1340824">http://www.tandfonline.com/doi/abs/10.1080/00273171.2017.1340824</a>
18	Chirita, P., Asaftei, I. V., Sandu, I., Sarbu, L. G., Lupu, V. V., Mesoionic 4-(2-Dialkylamino-1,3-dithiol-2-ylidene-4-yl)phenolates, <i>Revista de Chimie</i> 68-1 (2017)147-150. ISSN 0034-7752 ISI Impact factor: 1.412 (2017) <a href="http://www.revistadechimie.ro/article_eng.asp?ID=5408">http://www.revistadechimie.ro/article_eng.asp?ID=5408</a>
19	Matei, M., Sandu, I., Birsă, M. L., Sarbu, L. G., Simion, L., New 4-(4-Hydroxyaryl)-5-Methyl-1,3-Dithiol-2-ylidene Derivatives, <i>Revista de Chimie</i> 68-1 (2017) 81-84. ISSN 0034-7752 ISI Impact factor: 1.412 (2017) <a href="http://www.revistadechimie.ro/pdf/MATEI%20M%20I%20L%20SARBU%20L%20G%20SIMION%20L%20.pdf">http://www.revistadechimie.ro/pdf/MATEI%20M%20I%20L%20SARBU%20L%20G%20SIMION%20L%20.pdf</a>
20	Gosav, S., <i>Chapter 4 Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network</i> , in D. O., Barzic, A. I., Magdalena Aflori, M. (Eds), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials: Electronic and Biotechnology Applications</i> , 2017, CRC Press, pp. 59-74. DOI: 10.1201/9781315164984-5 Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5">http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5</a>
21	Aflori, M., Barzic, A. I., Dorohoi, D. O., Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network, in Dorohoi, D. O., Barzic, A. I., Magdalena Aflori, M. (Eds), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials</i> , CRC Press, 2017. Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="https://www.taylorfrancis.com/books/e/9781498775816/chapters/10.1201%2F9781315164984-9">https://www.taylorfrancis.com/books/e/9781498775816/chapters/10.1201%2F9781315164984-9</a>
22	Jha, S. K., Josheski, F., Marina, N., Hayashi, K., GC-MS Characterization of Body Odour for Identification Using Artificial Neural Network Classifiers Fusion, <i>International Journal of Mass Spectrometry</i> 406 (2016) 35-47. DOI:10.1016/j.ijms.2016.06.002 ISSN: 1387-3806, ISI Impact factor: 1.702 (2016) <a href="http://www.sciencedirect.com/science/article/pii/S1387380616300860">http://www.sciencedirect.com/science/article/pii/S1387380616300860</a>
23	Dirtu, D., Lungu, N. C., Chirita, P., Sandu, I. G., Birsă, M. L., Earar, K., Sarbu, L. G., Synthesis of Novel 4-(3,5-Dibromo-2-hydroxyphenyl)-5-Methyl-1,3- Dithiol-2-ylidene Derivatives, <i>Revista de Chimie</i> 67-3 (2016) 534-537. ISSN 0034-7752 ISI Impact factor: 1.232 (2016) <a href="http://www.revistadechimie.ro/pdf/DIRTU%20D%20N%20C%20CHIRITA%20P%20SANDU%20I%20G%20BIRSA%20M%20L%20EARAR%20K%20SARBU%20L%20G%20.pdf">http://www.revistadechimie.ro/pdf/DIRTU%20D%20N%20C%20CHIRITA%20P%20SANDU%20I%20G%20BIRSA%20M%20L%20EARAR%20K%20SARBU%20L%20G%20.pdf</a>
24	Dirtu D.,Asaftei I.V., Chirita P., Sandu I. G., Birsă, M.L., Earar, K., Sarbu, L.G., Synthesis of 1,3-Dithiol-2-ylidene Salts by Functionalization of Some Tolueneols, <i>Revista de Chimie</i> 66-12 (2015) 2028-2030. ISSN 0034-7752 ISI Impact factor: 0.956 (2015) <a href="http://www.revistadechimie.ro/pdf/DIRTU%20D%20ASAFTEI%20I%20V%20CHIRITA%20P%20SANDU%20I%20G%20BIRSA%20M%20L%20EARAR%20K%20SARBU%20L%20G%20.pdf">http://www.revistadechimie.ro/pdf/DIRTU%20D%20ASAFTEI%20I%20V%20CHIRITA%20P%20SANDU%20I%20G%20BIRSA%20M%20L%20EARAR%20K%20SARBU%20L%20G%20.pdf</a>
25	Huang, Y. F., Cai, Z., Hu, J., Lin, L.Q., Xiao, X. H., Li, G. K., Advance of Development and Application of GC-IR Technology, <i>Spectroscopy and Spectral Analysis</i> 35-8 (2015) 2130-2135. ISSN 1000-0593 ISI Impact Factor: 0.275 (2015) <a href="http://www.gpxyqpx.com/gikan/manage/wenzhang/2015-08-2130.pdf">http://www.gpxyqpx.com/gikan/manage/wenzhang/2015-08-2130.pdf</a>
26	Chirita, P., Hrib, C. G., Sandu, I., Lungu, N. C., Sarbu, L. G., Earar, K., A New Class of 4-(Hydroxyaryl)-1,3-Dithiolium Chlorides, <i>Revista de Chimie</i> 66-8 (2015) 1151-1154. ISSN 0034-7752 ISI Impact factor: 0.956 (2015) <a href="http://www.revistadechimie.ro/pdf/CHIRITA%20PAUL.pdf%208%202015.pdf">http://www.revistadechimie.ro/pdf/CHIRITA%20PAUL.pdf%208%202015.pdf</a>
27	Hrib, C. G., Chirita, P., Sandu, I. G., Asaftei, I. V., Sarbu, L. G., Earar, K., The Synthesis and X-Ray Structural Characterization of New 4-(5-Bromo-2-hydroxyphenyl)-1,3-Dithiol-2-ylidene Perchlorates, <i>Revista de Chimie</i> 66-7 (2015) 983-986. ISSN 0034-7752 ISI Impact factor: 0.956 (2015) <a href="http://www.revistadechimie.ro/pdf/HRIB%20C%20G%20CHIRITA%20P%20SANDU%20I%20G%20ASAFTEI%20I%20V%20SARBU%20L%20G%20EARAR%20K%20.pdf">http://www.revistadechimie.ro/pdf/HRIB%20C%20G%20CHIRITA%20P%20SANDU%20I%20G%20ASAFTEI%20I%20V%20SARBU%20L%20G%20EARAR%20K%20.pdf</a>
28	Pratama, S. F., Muda, A. K., Choo, Y. H., Abraham, A., A Comparative Study of 2D UMI and 3D Zernike Shape Descriptor for ATS Drugs Identification, in Abraham, A., Muda, A. K., Choo, Y. H. (Eds) <i>Pattern Analysis, Intelligent Security and the Internet of Things</i> , Series Title: Advances in Intelligent Systems and Computing, volume 355, Springer International Publishing, 2015, pp. 237-249. DOI: 10.1007/978-3-319-17398-6_22 Print ISBN: 978-3-319-17397-9, Online ISBN: 978-3-319-17398-6, Series ISSN 2194-5357 <a href="http://link.springer.com/chapter/10.1007/978-3-319-17398-6_22">http://link.springer.com/chapter/10.1007/978-3-319-17398-6_22</a>
29	Sarbu, L. G., Sandu, I., Bahrin, L. G., Balan, A., Apostu, M. O., New Bromo Substituted 1,3-Dithiol-2-ylidene Salts, <i>Revista de Chimie</i> 66-1 (2015) 55-59. ISSN 0034-7752 ISI Impact factor: 0.956 (2015) <a href="http://www.revistadechimie.ro/pdf/SARBU%20L%20SANDU%20I%20BAHRIN%20L%20G%20BALAN%20A%20APOSTU%20M%20O%20.pdf">http://www.revistadechimie.ro/pdf/SARBU%20L%20SANDU%20I%20BAHRIN%20L%20G%20BALAN%20A%20APOSTU%20M%20O%20.pdf</a>
30	Sarbu, L. G., Apostu, M. O., Sandu, I. G., Manea, L. R., Bahrin, L. G., 1,3-Dithiol-2-ylidene Compounds Derived from Substituted Butyrophenone, <i>Revista de Chimie</i> 65-11 (2014) 1327-1331. ISSN 0034-7752 ISI Impact factor: 0.810 (2014) <a href="http://www.revistadechimie.ro/pdf/SARBU%20L%20APOSTU%20M%20O%20SANDU%20I%20G%20MANEA%20L%20R%20BAHRIN%20L%20G%20.pdf">http://www.revistadechimie.ro/pdf/SARBU%20L%20APOSTU%20M%20O%20SANDU%20I%20G%20MANEA%20L%20R%20BAHRIN%20L%20G%20.pdf</a>
31	Sarbu, L.G., Lungu, C.N., Balan, A., Bahrin, L.G., Synthesis of Sulfur Containing Piperazine Derivatives with Potential Biological Activities, <i>Revista de Chimie</i> 65-10 (2014) 1135-1137. ISSN 0034-7752 ISI Impact factor: 0.810 (2014) <a href="http://www.revistadechimie.ro/pdf/SARBU%20L%20LUNGU%20C%20N%20BALAN%20A%20BAHRIN%20L%20G%20.pdf">http://www.revistadechimie.ro/pdf/SARBU%20L%20LUNGU%20C%20N%20BALAN%20A%20BAHRIN%20L%20G%20.pdf</a>
32	Bahrin, L.G., Asaftei, I.V., Sandu, I.G., Sarbu, L.G., Synthesis of (4-Methylpiperazin-1-yl)carbodithioates and of their 1,3-Dithiolium Derivatives, <i>Revista de Chimie</i> 65-9 (2014) 1046-1048. ISSN 0034-7752 ISI Impact factor: 0.810 (2014) <a href="http://www.revistadechimie.ro/pdf/BAHRIN%20L%20G%20ASAFTEI%20I%20V%20SANDU%20I%20G%20SARBU%20L%20G%20.pdf">http://www.revistadechimie.ro/pdf/BAHRIN%20L%20G%20ASAFTEI%20I%20V%20SANDU%20I%20G%20SARBU%20L%20G%20.pdf</a>
33	Comparin, J. H., Klein, R. F.X., Drug Evidence, Proceedings of the 17th Interpol International Forensic Science Managers Symposium, Lyon, 8th - 10th October 2013, Review Papers, Edited by Prof. Niamh Nic Daéid, Centre for Forensic Science,

	University of Strathclyde, Glasgow, UK, p. 436-524. <a href="http://www.sudmed.ru/index.php?act=Attach&amp;type=post&amp;id=13630">http://www.sudmed.ru/index.php?act=Attach&amp;type=post&amp;id=13630</a>
34	Herbst, J., Scherer, B., Ruf, A., Erb, J., Lambrecht, A., Hollow fiber based quantum cascade laser spectrometer for fast and sensitive drug identification, <i>Proceedings of SPIE - The International Society for Optical Engineering SPIE 8268, 82681Q</i> (2012); DOI: 10.1117/12.908018 <a href="http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1280617">http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1280617</a>
35	Cheptea, C., Dulcescu, M.M., Dorohoi, D.O., Valeriu, D., Desbrieres, J., Design, Synthesis and Molecular Modelling of New Thiazolidines 2,3-Disubstituted with Antitumoral Activity, <i>Digest Journal of Nanomaterials and Biostructures 7-1</i> (2012) 287 – 297. ISSN 1842-3582 ISI Impact Factor: 1.092 (2012); <a href="http://www.chalcogen.ro/287_Cheptea.pdf">http://www.chalcogen.ro/287_Cheptea.pdf</a>

52. Yeo, D., Dinica, R., Yapi, H.F., Furdai, B., Praisler, M., Djaman, A.J., N'Guessan, J.D., Evaluation of the Anti-inflammatory Activity and Phytochemical Screening of *Annona senegalensis* Leaves, *Therapie*, 66-1 (2011) 73-80.  
DOI: 10.2515/therapie/2010076 ISSN 0040-5957; ISI Impact factor 0.303 (2011)  
[http://www.journal-therapie.org/index.php?option=com\\_toc&url=/articles/therapie/abs/2011/01/contents/contents.html](http://www.journal-therapie.org/index.php?option=com_toc&url=/articles/therapie/abs/2011/01/contents/contents.html)

#### LUCRARE CITATA IN

1	Bhardwaj, R., Pareek, S., Sagar, N. A., Vyas, N., <i>Bioactive Compounds of Annona</i> , in book: Murthy, H. N., Bapat, V. A. (Eds.), <i>Bioactive Compounds in Underutilized Fruits and Nuts</i> , Springer, 2019. DOI: 10.1007/978-3-030-06120-3_5-1 ISBN 978-3-030-30182-8 <a href="https://www.springer.com/gp/book/9783030301811">https://www.springer.com/gp/book/9783030301811</a>
2	Traoré, K., Haidara, M. M., Denou, Kanadjigui, M. F., Sogoba, M. N., Diarra, B., Maiga, M. S., Sanogo, M. R., Criblage Phytochimique et Activités Biologiques de Quatre Plantes Utilisées au Mali dans la Prise en Charge du Paludisme Chez les Enfants, <i>European Scientific Journal</i> 15- 6 (2019) 210 – 226. DOI: 10.19044/esj.2019.v15n6p210 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431 <a href="https://eujournal.org/index.php/esj/article/view/11815">https://eujournal.org/index.php/esj/article/view/11815</a>
3	Ilboudo, S., Some, H., Ouedraogo, G. G., Kini, F. B., Ouedraogo, S., Guissou, I. P., Phytochemical, acute and subacute toxicity studies of <i>Annona senegalensis</i> Pers. (Annonaceae) root wood extracts, <i>African Journal of Biochemistry Research</i> 13-4 (2019) 44-55. DOI: 10.5897/AJBR2019.1030 Article Number: A1F229D60812 ISSN 1996-0778 <a href="https://pdfs.semanticscholar.org/58ae/36013674cca17a951b8850a7716fa39ffb45.pdf">https://pdfs.semanticscholar.org/58ae/36013674cca17a951b8850a7716fa39ffb45.pdf</a>
4	Babakura, M., Usman, H., Gaidam, Y. A., Halima, U. A., Fulata, A. M., Preliminary Phytochemical Screening, Analgesic and Anti-inflammatory Effects of the Hydroethanol and n-Hexane Leaf Extracts of <i>Maytenus senegalensis</i> Lam. Excell. (Celestraceae), <i>South Asian Research Journal of Natural Products</i> 2 (1) 1-9 (2019) Article no.SARJNP 47461 <a href="http://www.journalsarjnp.com/index.php/SARJNP/article/view/30077/56436">http://www.journalsarjnp.com/index.php/SARJNP/article/view/30077/56436</a>
5	Traoré, K., Haidara, M. M., Denou, A., Kanadjigui, M. F., Sogoba, M. N., Diarra, B., Maiga, M. S., Sanogo, M. R., Criblage Phytochimique et Activités Biologiques de Quatre Plantes Utilisées au Mali dans la Prise en Charge du Paludisme Chez les Enfants, <i>European Scientific Journal</i> 15-6 (2019) 210-226. DOI: 10.19044/esj.2019.v15n6p210 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431 <a href="http://eujournal.org/index.php/esj/article/viewFile/11815/11259">http://eujournal.org/index.php/esj/article/viewFile/11815/11259</a>
6	Ibrahim, A., Aimola, I.A., Mohammed, A., Inhibition of Key Enzymes Linked to Diabetes by <i>Annona senegalensis</i> Pers (Annonaceae) Leaf In vitro, <i>Journal of Herbal Medicine</i> , vol. 16, article number UNSP 10024, 2019. DOI: 10.1016/j.hermed.2018.11.004 ISSN: 2210-8033 ISI Impact Factor: 1.554 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S2210803318300599">https://www.sciencedirect.com/science/article/pii/S2210803318300599</a>
7	Quílez, A. M., Fernández-Arche, M. A., García-Giménez, M. D., De la Puerta, R., Potential therapeutic applications of the genus <i>Annona</i> Local and traditional uses and pharmacology, <i>Journal of Ethnopharmacology</i> 225 (2018) 244-270. DOI: 10.1016/j.jep.2018.06.014 ISSN: 0378-8741 ISI Impact Factor: 3.414 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0378874118319676">https://www.sciencedirect.com/science/article/pii/S0378874118319676</a>
8	Manouan, M. A. M., Yeo, D., Thès, P. M. E. S., Djaman, A. J., Influence of Aqueous Extract of <i>Annona Senegalensis</i> Leaves on Some Parameters of Inflammation on Rat Specially those of 'Wistar' Origin, <i>World Journal of Pharmaceutical Research</i> 7-11 (2018) 168-177. DOI: 10.20959/wjpr201811-12014 ISSN 2277-7105 <a href="http://www.wjpr.net/dashboard/archive_show/2018/VOLUME%207,%20JUNE%20ISSUE%2011">http://www.wjpr.net/dashboard/archive_show/2018/VOLUME%207,%20JUNE%20ISSUE%2011</a>
9	Nanti, G. G. C. G.; Nene Bi, S. A.; Zahoui, O. S., et al., Comparative study of <i>Annona senegalensis</i> (Annonaceae) and <i>Hallea ledermannii</i> (Rubiaceae) effects on glycemia in rats, <i>Journal Of Complementary Medicine Research</i> 7-1 (2018) 1-7. ISSN: 2146-8397 ISI Impact Factor: 0.1 (2018) <a href="https://www.ejmanager.com/mnstemps/55/55-1504893251.pdf?t=1535301253">https://www.ejmanager.com/mnstemps/55/55-1504893251.pdf?t=1535301253</a>
10	Attiq, A., Jalil, J., Husain, K., Annonaceae: Breaking the Wall of Inflammation, <i>Frontiers in Pharmacology</i> , vol. 8, OCT 20 2017, Article number 752, DOI: 10.3389/fphar.2017.00752. ISSN: 1663-9812 ISI Impact Factor: 3.831 (2017) <a href="https://www.frontiersin.org/articles/10.3389/fphar.2017.00752/full">https://www.frontiersin.org/articles/10.3389/fphar.2017.00752/full</a>
11	Sene, M., Barboza, F. S., Sarr, A., Outouen, D. T., Wele, A., Analgesic and anti-inflammatory activity of methanolic fraction of total ethereal leaf extract of <i>Annona senegalensis</i> Pers. (Annonaceae), <i>African Journal of Pharmacy and Pharmacology</i> 11-8 (2017) 120-124. DOI: 10.5897/AJPP2017.4735 ISSN: 1996-0816 <a href="http://www.academicjournals.org/journal/AJPP/article-full-text/866051E63218">http://www.academicjournals.org/journal/AJPP/article-full-text/866051E63218</a>
12	Rukayyah, S. S., Onyinyechi, M. G., Determination of acute toxicity and effects of dried carpel of <i>annona senegalensis</i> extract on alkaline phosphatase, amino transferases and body weight in mice, <i>International Journal of Nutrition and Metabolism Research</i> 1-1 (2016) 1-11. <a href="http://www.eajournals.org/wp-content/uploads/Determination-of-Acute-Toxicity-and-Effects-of-Dried-Carpel-of-Annona-Senegalensis.pdf">http://www.eajournals.org/wp-content/uploads/Determination-of-Acute-Toxicity-and-Effects-of-Dried-Carpel-of-Annona-Senegalensis.pdf</a>
13	Okhale, S. E., Akpan, E., Fatokun, O. T., Esievo, K. B., Kunle, O. F., <i>Annona senegalensis</i> Persoon (Annonaceae): A review of its ethnomedicinal uses, biological activities and phytochemicals, <i>Journal of Pharmacognosy and Phytochemistry</i> 5-2 (2016) 211-219. Print ISSN: 2349-8234 Online ISSN: 2278-4136



	<a href="http://www.phytojournal.com/archives/2016/vol5issue2/PartC/5-1-28-145.pdf">http://www.phytojournal.com/archives/2016/vol5issue2/PartC/5-1-28-145.pdf</a>
14	Bakarnga-Via, I., Yande, H. K., Kouipou, R. M. T., Kanko, M. I. M., Arc-En-Ce J. M., Kammalac T.N., Boyom, F. F., Effect of Combined Extracts from Different Plant Parts of <i>Annona senegalensis</i> on Antibacterial and Antifungal Activities, <i>International Journal of Pharmacognosy and Phytochemical Research</i> 8-1 (2016) 162-166. ISSN 0975-4873 <a href="http://impactfactor.org/PDF/IJPPR/8/IJPPR,Vol8,Issue1,Article25.pdf">http://impactfactor.org/PDF/IJPPR/8/IJPPR,Vol8,Issue1,Article25.pdf</a>
15	Rocha, R. S., Kassuya, C. A. L., Formagio, A. S. N., de Oliveira Mauro, M., Andrade-Silva, M., Monreal, A. C. D., Cunha-Laura, A.L., do Carmo Vieira, M., Oliveira, R. J., Analysis of the anti-inflammatory and chemopreventive potential and description of the antimutagenic mode of action of the <i>Annona crassiflora</i> methanolic extract, <i>Pharmaceutical Biology</i> 54-1 (2016) 35-47. DOI: 10.3109/13880209.2015.1014567 ISSN: 1388-0209 (Print), 1744-5116 (Online) ISI Impact Factor: 1.546 (2015) <a href="http://www.tandfonline.com/doi/abs/10.3109/13880209.2015.1014567">http://www.tandfonline.com/doi/abs/10.3109/13880209.2015.1014567</a>
16	Bouriche, H., Moussaoui, S., Meziti, H., Senator, A., Anti-Inflammatory Activity of Methanolic Extract of <i>Santolina chamaecyparissus</i> , <i>Proceedings of the ISHS Acta Horticulturae 1098: International Symposium on Medicinal Plants and Natural Products</i> , Acta Hort. 1098 (2015) 23-30. DOI: 10.17660/ActaHortic.2015.1098.2 <a href="https://www.actahort.org/books/1098/1098_2.htm">https://www.actahort.org/books/1098/1098_2.htm</a>
17	Mustapha, A. A., <i>Annona senegalensis</i> Persoon: A Multipurpose shrub, its Phytotherapeutic, Phytopharmacological and Phytomedicinal Uses, <i>International Journal of Science and Technology</i> 2-12 (2013) 862-865. ISSN 2049-7318 <a href="http://www.journalofsciences-technology.org/archive/2013/dec_vol_2_no_12/6594313729563.pdf">http://www.journalofsciences-technology.org/archive/2013/dec_vol_2_no_12/6594313729563.pdf</a>
18	Dandjesso, C., Klotoé, J. R., Dougnon, T. V., Sègbo, J., Atégbo, J-M., Gbaguidi, F., Fah, L., Fanou, B., Loko, F., Draman, K., Phytochemistry and Hemostatic Properties of some Medicinal Plants Sold as Anti-hemorrhagic in Cotonou Markets (Benin), <i>Indian Journal of Science and Technology</i> 5-8 (2012) 3105-3109. ISSN: 0974- 6846 <a href="http://www.indjst.org/index.php/indjst/article/view/30522/26447">http://www.indjst.org/index.php/indjst/article/view/30522/26447</a>
19	Barbalho, S. M., da Silva Soares de Souza, M., Cincotto dos Santos Bueno, P., Landgraf Guiguer, É., Vasques Farinazzi-Machado, F. M., Cressoni Araújo, A., Omete Meneguim, C., Silveira, E. P., de Souza Oliveira, N., Clivati da Silva, B., da Silva Barbosa, S., Mendes, C. G., Rodrigues Gonçalves, P., <i>Annona montana</i> Fruit and Leaves Improve the Glycemic and Lipid Profiles of Wistar Rats, <i>Journal of Medicinal Food</i> 15 -10 (2012) 917-922. DOI:10.1089/jmf.2012.0088 ISSN: 1096-620X, Online ISSN: 1557-7600 ISI Impact Factor: 1.642 (2012) <a href="http://online.liebertpub.com/doi/abs/10.1089/jmf.2012.0088">http://online.liebertpub.com/doi/abs/10.1089/jmf.2012.0088</a>
19	Gilles, K.N., Léopold, A.A., Djakalia, O., Dédéou, S., Bamba, K., Edouard, N.K., Hilaire, K.T., Anti-hemorrhoidal activity of leaf extract of <i>Adenia lobata</i> (Jacq.) Engl. (Passifloraceae), <i>Research Journal of Pharmacy and Technology</i> 5 -1 (2012) 63-67. ISSN: 0974360X <a href="http://www.anvpublication.org/viewarticles.php?j=0974-3618&amp;vol=5&amp;issue=1&amp;ab=ab1035">http://www.anvpublication.org/viewarticles.php?j=0974-3618&amp;vol=5&amp;issue=1&amp;ab=ab1035</a>

53. Domnisoru, D., Praisler, M., Advanced Spectroscopic Investigation of Ceramic Samples based on Raman and SEM-EDX Techniques, in Nedelcu, D., Slatineanu, L., Mazuru, S., Milocevic, O. (Eds.), *MODTECH 2011: NEW FACE OF TMCR, Vol. I*, 2011, p.341-344. (May 25 – 27, 2011, Chisinau, Republic of Moldova) WOS:000392260500086 ISSN 2069-6736.  
[http://www.modtech.ro/publication\\_2011.php?index=D](http://www.modtech.ro/publication_2011.php?index=D)
54. Domnisoru, D., Praisler, M., Non-destructive Analysis of Ceramic Samples by FTIR-ATR and Standard SEM Methods, in Nedelcu, D., Slatineanu, L., Mazuru, S., Milocevic, O. (Eds.), *MODTECH 2011: NEW FACE OF TMCR, Vol. I*, 2011, p.345-348. (May 25 – 27, 2011, Chisinau, Republic of Moldova) WOS:000392260500087 ISSN 2069-6736.  
[http://www.modtech.ro/publication\\_2011.php?index=D](http://www.modtech.ro/publication_2011.php?index=D)
55. Gosav, S., Praisler, M., The Influence of Input Data Preprocessing and of Learning Error on the Performances of ANN Systems Identifying Amphetamines, in Miclea, L., Stoian, I. (Eds.), *Proceedings of 2010 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010- THETA 17<sup>th</sup> edition (Vol. II)* – 28-30 May 2010, Cluj-Napoca, Romania, p. 1-5 Print ISBN 978-1-4244-6724-2. DOI 10.1109/AQTR.2010.5520790 WOS:000419281500091  
[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&number=5520790&searchWithin%3Dp\\_Authors%3AQT.Praisler%2C+Mirela.QT.](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&number=5520790&searchWithin%3Dp_Authors%3AQT.Praisler%2C+Mirela.QT.)

#### LUCRARE CITATA IN

1	O'Leary, D. A., <i>Artificial Neural Network for Optimized Power System Management</i> , Ph.D. Thesis in Electrical Engineering, University of California Santa Cruz Electronic Theses and Dissertations, 2015. <a href="http://escholarship.org/uc/item/3q93q12t">http://escholarship.org/uc/item/3q93q12t</a>
---	--

56. Gosav, S., Praisler, M., Artificial Neural Networks Built for the Recognition of Illicit Amphetamines Using a Concatenated Database, *Romanian Reports of Physics* 54-9/10 (2009) 929–935. ISSN: 1221-146X; ISI Impact factor 0.279 (2009);  
[http://www.nipne.ro/rjp/2009\\_54\\_9-10/0929\\_0936.pdf](http://www.nipne.ro/rjp/2009_54_9-10/0929_0936.pdf)
57. Murariu, G., Praisler, M., A MAPLE Package for Energy-Momentum Tensor Assessment in Curved Space-Time, in Angelopoulos, A., Fildis, T. (Eds), *7th International Conference of The Balkan Physical Union*, AIP Conference Proceedings vol. 1203, 2009, pp. 1204-1210. (Alexandroupolis, Greece, 9-13, September 2009) DOI: 10.1063/1.3322340 WOS:000281467300220 ISBN 978-0-7354-0740-4 [http://www.osti.gov/energycitations/product.biblio.jsp?osti\\_id=21371438](http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=21371438)

#### LUCRARE CITATA IN

1	Djordjevic, G. S., Sporea, C. A., Vulcanov, D. N., On the Reverse Engineering Method in Cosmologies with Non-Minimally Coupled Scalar Field, <i>AIP Conference Proceedings</i> 1387, Timisoara, Romania, November 25-27, 2010, Published: 2011 Eds.: Bunoiu M; Malaescu I. DOI: 10.1063/1.3647059 ISSN: 0094-243X, ISBN: 978-0-7354-0951-4
---	--

<http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.3647059>

58. Gosav, S., Dinica, R., Praisler, M., Choosing between GC-FTIR and GC-MS spectra for an efficient intelligent identification of illicit amphetamines, *Journal of Molecular Structure* 887-1/3 (2008) 269-278. DOI: 10.1016/j.molstruc.2008.03.040  
ISSN 0022-2860; ISI Impact factor:1,594 (2008) <http://144.206.159.178/ft/620/542313/12149136.pdf>

#### LUCRARE CITATA IN

1	Bell, M. R., Polfer, N. C., Cryogenic infrared ion spectroscopy for the structural elucidation of drug molecules: MDMA and its metabolites, <i>International Journal of Mass Spectrometry</i> 443 (2019) 101-108. DOI: 10.1016/j.ijms.2019.06.001 ISSN: 1387-3806 eISSN: 1873-2798 ISI Impact factor: 1.658 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S138738061930123X">https://www.sciencedirect.com/science/article/pii/S138738061930123X</a>
2	Zavahir, J. S., Nolvachai, Y., Marriott, P. J., Molecular Spectroscopy – Information Rich Detection for Gas Chromatography, <i>TrAC Trends in Analytical Chemistry</i> 99 (2018) 47-65. DOI: 10.1016/j.trac.2017.11.014 ISBN: 0165-9936 ISI Impact factor: 8.428 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0165993617302169">https://www.sciencedirect.com/science/article/pii/S0165993617302169</a>
3	Gosav, S., Chapter 4 Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network, in Dorohoi D.O., Barzic, A.I., Aflori, M. (eds.), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials: Electronic and Biotechnology Applications</i> , 2017, CRC Press, pp.59–74. DOI: 10.1201/9781315164984-5 Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5">http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5</a>
4	Carlsson, A., Synthesis and spectroscopic characterization of emerging synthetic cannabinoids and cathinones, Linköping Studies in Science and Technology. Thesis, Linköping University Electronic Press, 2016. , 62 p. DOI: 10.3384/lic.diva-132781 ISSN 0280-7971 <a href="http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1049312&amp;dswid=-46">http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1049312&amp;dswid=-46</a>
5	Bei Zheng, Wentao Li, Hongyan Li, Lin Liu, Pei Lei, Xiaopeng Ge, Zhiyong Yu, Yiqi Zhou, Separation and determination of estrogen in the water environment by high performance liquid chromatography-fourier transform infrared spectroscopy, <i>Scientific Reports</i> 6: 32264 (2016) DOI 10.1038/srep32264 ISSN 2045-2322 (online) ISI Impact factor: 4.259 (2016) <a href="http://www.nature.com/articles/srep32264">http://www.nature.com/articles/srep32264</a>
6	Hayyan, M., Hashim, M. A., AlNashef, I. M., Superoxide Ion: Generation and Chemical Implications, <i>Chemical Reviews</i> 116-5 (2016) 3029-3085. DOI: 10.1021/acs.chemrev.5b00407 ISSN: 0009-2665, eISSN: 1520-6890 ISI Impact factor: 47.928 (2016) <a href="http://pubs.acs.org/doi/abs/10.1021/acs.chemrev.5b00407">http://pubs.acs.org/doi/abs/10.1021/acs.chemrev.5b00407</a>
7	Carlsson, A., Lindberg, S., Wu, X., Dunne, S., Josefsson, M., Åstot, C., Dahlén, J., Prediction of designer drugs: synthesis and spectroscopic analysis of synthetic cannabinoid analogues of 1 <i>H</i> -indol-3-yl(2,2,3,3-tetramethylcyclopropyl)methanone and 1 <i>H</i> -indol-3-yl(adamantan-1-yl)methanone, <i>Drug Testing and Analysis</i> 8-10 (2016) 1015-1029. DOI: 10.1002/dta.1904 ISSN 1942-7603; ISI Impact factor: 3.469 (2016) <a href="http://onlinelibrary.wiley.com/doi/10.1002/dta.1904/abstract;jsessionid=440EFEC4040F493DEDE9E37F1752F3EF.f03t04?u serlsAuthenticated=false&amp;deniedAccessCustomisedMessage=">http://onlinelibrary.wiley.com/doi/10.1002/dta.1904/abstract;jsessionid=440EFEC4040F493DEDE9E37F1752F3EF.f03t04?u serlsAuthenticated=false&amp;deniedAccessCustomisedMessage=</a>
8	Lee, J., Choe, S., Choi, H., Heo, S., Kim, E., Kim, H., Bang, E., Chung, H., Identification of <i>N</i> -ethyl- $\alpha$ -ethylphenethylamine in crystalline powder seized for suspected drug trafficking: a research chemical or a new designer drug?, <i>Forensic Toxicology</i> 31-1 (2013) 54-58. DOI: 10.1007/s11419-012-0158-1 ISSN 1860-8965 ISI Impact factor: 5.756 (2013) <a href="http://link.springer.com/article/10.1007%2Fs11419-012-0158-1#page-1">http://link.springer.com/article/10.1007%2Fs11419-012-0158-1#page-1</a>
9	Yadav, D., Hasan, S., Hinnwar, M., Rainfall Rate Analysis from One Hour Statistics Measurements, <i>International Journal of Engineering Innovations and Research</i> , 2-1 (2013) 38-41. ISSN: 2277 - 5668 <a href="http://www.ijeir.org/administrator/components/com_jresearch/files/publications/IJEIR-382%20Final.pdf">http://www.ijeir.org/administrator/components/com_jresearch/files/publications/IJEIR-382%20Final.pdf</a>
10	Tiron, G., Gosav, S., The July 2008 Rainfall Estimation From Barnova Wsr-98 D Radar Using Artificial Neural Network, <i>Romanian Reports In Physics</i> 62- 2 (2010) 405–413. ISSN 1221-1451 ISI Impact factor: 0.494 (2010) <a href="http://www.rrp.infim.ro/2010_62_2/art17Tiron.pdf">http://www.rrp.infim.ro/2010_62_2/art17Tiron.pdf</a>
11	Current literature in mass spectrometry, <i>Journal of Mass Spectrometry</i> 44-3 (2009) 429-440. DOI: 10.1002/jms.1488 ISSN 1076-5174; ISI Impact factor 3.411 (2009) <a href="http://onlinelibrary.wiley.com/doi/10.1002/jms.1488/abstract">http://onlinelibrary.wiley.com/doi/10.1002/jms.1488/abstract</a>
12	Current Awareness in Drug Testing and Analysis, <i>Drug Testing and Analysis</i> 1-6 (2009) 292 – 309. DOI: 10.1002/dta.3 ISSN 1942-7603; ISI Impact factor: 0.1 (2009) <a href="http://onlinelibrary.wiley.com/doi/10.1002/dta.3/abstract">http://onlinelibrary.wiley.com/doi/10.1002/dta.3/abstract</a>
13	DEA US Drug Enforcement Administration, <i>Microgram Bulletin</i> , Published by the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537 January 2009 <a href="http://www.justice.gov/dea/programs/forensicsci/microgram/mg0109/mg0109.html">http://www.justice.gov/dea/programs/forensicsci/microgram/mg0109/mg0109.html</a>

59. Dorohoi, D.O., Gosav, S., Praisler, M., Theory of Point Group Applied in Molecular Physics, *Romanian Journal of Physics* 53-1/2 (2008) 49-55. ISSN: 1221-146X; ISI Impact factor 0 (2008) [http://www.nipne.ro/rjp/2008\\_53\\_1-2/0049\\_0056.pdf](http://www.nipne.ro/rjp/2008_53_1-2/0049_0056.pdf)

60. Gosav, S., Praisler, M., Dorohoi, D.O., ANN Expert System Screening for Illicit Amphetamines using Molecular Descriptors, *Journal of Molecular Structure* 834-836 (2007) 188-194. DOI: 10.1016/j.molstruc.2006.12.059  
ISSN 0022-2860; ISI Impact factor:1,486 (2007) <http://www.sciencedirect.com/science/article/pii/S0022286007000361>

#### LUCRARE PREMIATA CNCIS.

#### LUCRARE CITATA IN

1	dos Santos, M. A. B. et al., <i>Molecular Electrostatic Potential and Chemometric Techniques as Tools to Design Bioactive Compounds</i> , in (Book) <i>Cheminformatics and its Applications</i> , Intechopen, 2019. DOI: 10.5772/intechopen.89113
---	---

	<a href="https://cdn.intechopen.com/pdfs/69114.pdf">https://cdn.intechopen.com/pdfs/69114.pdf</a>
2	Gosav, S., <i>Chapter 4 Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network</i> , in Dorohoi D.O., Barzic, A.I., Aflori, M. (eds.), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials: Electronic and Biotechnology Applications</i> , 2017, CRC Press, pp.59–74. DOI: 10.1201/9781315164984-5 Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5">http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5</a>
3	Păduraru, N., Studii asupra unor compuși flavonoidici prin metode spectrale și chemometrice, PhD Thesis, „Dunarea de Jos” University of Galati, Romania, 2017 <a href="https://www.arthra.ugal.ro:8443/handle/123456789/4310">https://www.arthra.ugal.ro:8443/handle/123456789/4310</a>
4	Pingaew, R., Worachartcheewan, A., Nantasenamat, C., Prachayasittikul, S., Ruchirawat, S., Prachayasittikul, V., Synthesis, cytotoxicity and QSAR study of <i>N</i> -tosyl-1,2,3,4-tetrahydroisoquinoline derivatives, <i>Archives of Pharmaceutical Research</i> 36-9 (2013) 1066-1077. DOI: 10.1007/s12272-013-0111-9 ISSN : 0253-6269 (Print), 1976-3786 (on-line) ISI Impact factor: 1.751 (2013) <a href="http://link.springer.com/article/10.1007/s12272-013-0111-9">http://link.springer.com/article/10.1007/s12272-013-0111-9</a>
5	Cristino, M.D.G., De Meneses, C.C.F., Soeiro, M.M., Ferreira, J.E.V., De Figueiredo, A.F., Barbosa, J.P., De Almeida, R.C.O., Pinheiro, J.C., Pinheiro, A.D.R., Computational Modeling of Antimalarial 10-Substituted Deoxyartemisinins, <i>J. Theor. Comput. Chem.</i> 11-2 (2012) 241-263. DOI: 10.1142/S0219633612500162 ISSN: 0219-6336; ISI Impact Factor: 0.515 (2012) <a href="http://www.worldscientific.com/doi/abs/10.1142/S0219633612500162">http://www.worldscientific.com/doi/abs/10.1142/S0219633612500162</a>
6	Lazar, G., Ureche, D., Ifrim, I. L. et al., Effects of the Environmental Stress on Two Fish Populations Revealed by Statistical and Spectral Analysis, <i>Environmental Engineering and Management Journal</i> 11-1 (2012) 109-124. ISSN 1582-9596; ISI Impact factor 1,117 (2012) <a href="http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no1/16_656_Lazar_11.pdf">http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no1/16_656_Lazar_11.pdf</a>
7	Stoica, I., Angheluta, E., Ivan, M., Farcas, A., Dorohoi, D. O., Electro-Optical and Morphological Characterization of PVA Foils with Sulfathiazole, <i>Digest Journal of Nanomaterials and Biostructures</i> 6-4 (2011) 1667 – 1674. ISSN 1842-3582 ISI Impact Factor: 1.200 (2011); <a href="http://www.chalcogen.ro/1667_Stoica.pdf">http://www.chalcogen.ro/1667_Stoica.pdf</a>
8	Fatemi, M. H., Izadiyan, P., Cytotoxicity estimation of ionic liquids based on their effective structural features, <i>Chemosphere</i> 84-5 (2011) 553-563. DOI: 10.1016/j.chemosphere.2011.04.021 ISSN 0045-6535; ISI Impact Factor: 3.206 (2011) <a href="http://www.sciencedirect.com/science/article/pii/S0045653511004127">http://www.sciencedirect.com/science/article/pii/S0045653511004127</a>
9	Fatemi, M. H.; Izadiyan, P., In silico cytotoxicity estimation of ionic liquids based on their two- and three-dimensional structural descriptors, <i>Monatshefte fur Chemie</i> 142 (2011) 1111-1119. DOI 10.1007/s00706-011-0528-0 ISSN 0026-9247; ISI Impact Factor: 1.532 (2011); <a href="http://link.springer.com/article/10.1007%2Fs00706-011-0528-0">http://link.springer.com/article/10.1007%2Fs00706-011-0528-0</a>
10	Noorzadeh, H., Farmany, A., QSRR Models to Predict Retention Indices of Cyclic Compounds of Essential Oils, <i>Chromatographia</i> 72 (2010) 563-569. DOI: 10.1365/s10337-010-1660-4 ISSN 0009-5893; ISI Impact Factor: 1.075 (2010) <a href="http://link.springer.com/article/10.1365%2Fs10337-010-1660-4">http://link.springer.com/article/10.1365%2Fs10337-010-1660-4</a>
11	Torrecilla, J.S., Garcia, J., Rojo, E., Rodriguez, F., Estimation of toxicity of ionic liquids in Leukemia Rat Cell Line and Acetylcholinesterase enzyme by principal component analysis, neural networks and multiple lineal regressions, <i>Journal of Hazardous Materials</i> 164-1 (2009) 182-194. DOI:10.1016/j.jhazmat.2008.08.022 ISSN 0304-3894; ISI Impact Factor: 4.144 (2009) <a href="http://www.ncbi.nlm.nih.gov/pubmed/18805639">http://www.ncbi.nlm.nih.gov/pubmed/18805639</a>
12	DEA US Drug Enforcement Administration, <i>Microgram Bulletin</i> , Published by the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537 VOL. XXXX, NO. 6, June 2007 <a href="http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0607/mg0607.html">http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0607/mg0607.html</a>

61. Dorohoi, D.O., Gosav, S., Praisler, M., Point Groups of Symmetry Applied in Molecular Spectroscopy, in Cetin, S.A., Hikmet, I. (Eds.), *Six International Conference of the Balkan Physical Union*, AIP Conference Proceedings vol. 899 pp. 361-362, 2007. (AUG 22-26, 2006, Istanbul, Turkey) DOI: 10.1063/1.2733186 WOS:000246647900159 ISBN:978-0-7354-0404-5 ISSN: 0094-243X <https://aip.scitation.org/doi/abs/10.1063/1.2733186?journalCode=apc>
62. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., Structure - Activity Correlations for Illicit Amphetamines Using ANN and Constitutional Descriptors, *Talanta -The International Journal of Pure and Applied Chemistry* 70 (2006) 922-928. DOI: 10.1016/j.talanta.2006.05.054 ISSN 0039-9140; ISI Impact factor 2,81 (2006) <http://www.sciencedirect.com/science/article/pii/S0039914006003833>

#### LUCRARE CITATA IN

1	Kaushik, A. C., Kumar, A., Bharadwaj, S., Chaudhary, R., Sahi, S., Thermodynamic Cycles and Their Application in Protein Targets, in <i>Bioinformatics Techniques for Drug Discovery</i> , pp. 43-46, SpringerBriefs in Computer Science, Springer, Cham, 2018. DOI: 10.1007/978-3-319-75732-2_7 WOS:000448885900008 ISBN 978-3-319-75731-5, Online ISBN: 978-3-319-75732-2 <a href="https://link.springer.com/chapter/10.1007/978-3-319-75732-2_7">https://link.springer.com/chapter/10.1007/978-3-319-75732-2_7</a> <a href="https://link.springer.com/book/10.1007/978-3-319-75732-2">https://link.springer.com/book/10.1007/978-3-319-75732-2</a>
2	Kaushik, A. C., Kumar, A., Bharadwaj, S., Chaudhary, R., Sahi, S., Ligand-Based Approach for In-silico Drug Designing, in <i>Bioinformatics Techniques for Drug Discovery</i> , pp. 11-19, SpringerBriefs in Computer Science, Springer, Cham, 2018. DOI: 10.1007/978-3-319-75732-2_2, WOS:000448885900003 ISBN 978-3-319-75731-5, Online ISBN: 978-3-319-75732-2 <a href="https://link.springer.com/chapter/10.1007/978-3-319-75732-2_2">https://link.springer.com/chapter/10.1007/978-3-319-75732-2_2</a> <a href="https://link.springer.com/book/10.1007/978-3-319-75732-2">https://link.springer.com/book/10.1007/978-3-319-75732-2</a>

3	Păduraru, N., Studii asupra unor compuși flavonoidici prin metode spectrale și chemometrice, PhD Thesis, „Dunarea de Jos” University of Galati, Romania, 2017 <a href="https://www.arthra.ugal.ro:8443/handle/123456789/4310">https://www.arthra.ugal.ro:8443/handle/123456789/4310</a>
4	Duncan, T. M., The 2007 “Research on Drug Evidence” Report, presented at the 15th ICPO/INTERPOL Forensic Science Symposium, Microgram Journal 13 (1-4), 2016, pp. 241-386. <a href="https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf">https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf</a>
5	Chamjangali, M.A., and Ashrafi, M., QSAR study of necroptosis inhibitory activities (EC <sub>50</sub> ) of [1,2,3] thiadiazole and thiophene derivatives using Bayesian regularized artificial neural network and calculated descriptors, <i>Medicinal Chemistry Research</i> 22-1 (2013) 392-400. DOI: 10.1007/s00044-012-0027-9. ISSN 1054-2523; ISI Impact factor 1.612 (2013) <a href="http://link.springer.com/article/10.1007%2Fs00044-012-0027-9">http://link.springer.com/article/10.1007%2Fs00044-012-0027-9</a>
6	Fan, Y.-F., Cheng, S.-L., Zhang, J.-Y., Structure-activity Relationship Model for Predicting the Hallucinogenic Activity of Phenylalkylamines, <i>Chinese J. Struct. Chem.</i> 29-8 (2010) 1201-1208. ISSN 0254-5861; ISI Impact factor 0.624 (2010) <a href="http://jghx.chinajournal.net.cn/EditorB/WebPublication/paperDigest.aspx?paperID=JGHX201008013&amp;isCnki=ck01">http://jghx.chinajournal.net.cn/EditorB/WebPublication/paperDigest.aspx?paperID=JGHX201008013&amp;isCnki=ck01</a>
7	Fatemi, M.H., Baher, E., Quantitative structure-property relationship modelling of the degradability rate constant of alkenes by OH radicals in atmosphere, <i>SAR and QSAR in Environmental Research</i> 20-1/2 (2009) 77-90. ISSN 1062-936X; ISI Impact factor 1.682 (2009) <a href="http://www.ncbi.nlm.nih.gov/pubmed/19343584">http://www.ncbi.nlm.nih.gov/pubmed/19343584</a>
8	Chen, Y., He, J., Zhang, J., Yu, Z., Extending the working calibration ranges of four hexachlorocyclohexane isomers in gas chromatography-electron capture detector by radial basis function neural network, <i>Talanta - The International Journal of Pure and Applied Chemistry</i> 79 (2009) 916 – 925. ISSN 0039-9140; ISI Impact factor 3.290 (2009) <a href="http://www.ncbi.nlm.nih.gov/pubmed/19576465">http://www.ncbi.nlm.nih.gov/pubmed/19576465</a>
9	Comparin, J., Drugs: A review 2004-2007, <i>Proceedings of the 15th International Forensic Science Symposium, Interpol – Lyon</i> , 23 - 26 October 2007, pp. 169-298 <a href="http://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers.pdf">http://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers.pdf</a>
10	DEA US Drug Enforcement Administration, <i>Microgram Bulletin</i> , Published by the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537 VOL. XXXX, NO. 1, January 2007 <a href="http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0107/mg0107.html">http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0107/mg0107.html</a>

63. Gosav, S., Praisler, M., Van Bocxlaer, J., De Leenheer, A.P., Massart, D.L., Class Identity Assignment for Amphetamines Using Neural Networks and GG-FTIR Data, *Spectrochimica Acta A: Molecular and Biomolecular Spectroscopy* 64 (2006) 1110 – 1117. DOI: 10.1016/j.saa.2005.11.033 ISSN 1386-1425; ISI Impact factor:1,27 (2006) <http://www.sciencedirect.com/science/article/pii/S1386142505007006>

#### LUCRARE CITATA IN

1	Gosav, S., Chapter 4 Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network, in Dorohoi D.O., Barzic, A.I., Aflori, M. (eds.), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials: Electronic and Biotechnology Applications</i> , 2017, CRC Press, pp.59–74. DOI: 10.1201/9781315164984-5 Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5">http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5</a>
2	Duncan, T. M., The 2007 “Research on Drug Evidence” Report, presented at the 15th ICPO/INTERPOL Forensic Science Symposium, Microgram Journal 13 (1-4), 2016, pp. 241-386. <a href="https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf">https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf</a>
3	Bell, S., Seitzinger, L., From Binary Presumptive Assays to Probabilistic Assessments: Differentiation of Shooters from Non-Shooters using IMS, OGSR, Neural Networks, and Likelihood Ratios, <i>Forensic Science International</i> , available on-line 21 April 2016, in press DOI:10.1016/j.forsciint.2016.04.020 ISSN 0379-0738; ISI Impact Factor: 1.989 (2016); <a href="http://www.sciencedirect.com/science/article/pii/S0379073816301724">http://www.sciencedirect.com/science/article/pii/S0379073816301724</a>
4	Parsianpour, E., Gholami, M., Shahbazi, N., Samavat, F., Influence of thermal annealing on the structural and optical properties of maghemite (γ-Fe <sub>2</sub> O <sub>3</sub> ) nanoparticle thin films, <i>Surface and Interface Analysis</i> 12 March 2015, DOI: 10.1002/sia.5754 Online ISSN 1096-9918, ISI Impact Factor: 1.018 (2015) <a href="http://onlinelibrary.wiley.com/doi/10.1002/sia.5754/abstract">http://onlinelibrary.wiley.com/doi/10.1002/sia.5754/abstract</a>
5	Maher, H. M., Awad, T., DeRuiter, J., Randall, C. C., GC-MS and GC-IRD studies on brominated dimethoxyamphetamines: Regioisomers related to 4-Br-2,5-DMA (DOB), <i>Drug Testing and Analysis</i> 4-7/8 (2012) 591-600. DOI: 10.1002/dta.409 ISSN 1942-7603, ISI Impact Factor: 3.276 (2012) <a href="http://www.ncbi.nlm.nih.gov/pubmed/22389110">http://www.ncbi.nlm.nih.gov/pubmed/22389110</a>
6	Maher, H.M., Awad, T., DeRuiter, J., Clark, C.R., GC-MS and GC-IRD Studies on Dimethoxyphenethylamines (DMPEA): Regioisomers Related to 2,5-DMPEA, <i>Journal of Chromatographic Science</i> 50 (2012) 1-9. DOI: 10.1093/chromsci/bmr013 ISSN 0021-9665; ISI Impact Factor: 0.794 (2012) <a href="http://chromsci.oxfordjournals.org/content/50/1/1.full.pdf+html">http://chromsci.oxfordjournals.org/content/50/1/1.full.pdf+html</a>
7	Awad, T., Maher, H.M., DeRuiter, J. et al., GC-MS and GC-IRD Studies on the Ring Isomers of N-Methyl-2-Methoxyphenyl-3-Butanamines (MPBA) Related to 3,4-MDMA, <i>Journal of Chromatographic Science</i> 49 (2011) 345-352. ISSN 0021-9665; ISI Impact Factor: 0.884 (2011) <a href="http://www.ncbi.nlm.nih.gov/pubmed/21549024">http://www.ncbi.nlm.nih.gov/pubmed/21549024</a>
8	Maher, H.M., Awad, T., DeRuiter, J., Clark, C.R., GC-IRD methods for the identification of some tertiary amines related to MDMA, <i>Forensic Science International</i> 199-1/3 (2010) 18-28. DOI: 10.1016/j.forsciint.2010.02.022 ISSN 0379-0738; ISI Impact Factor: 1.821 (2010) <a href="http://www.sciencedirect.com/science/article/pii/S0379073810000782">http://www.sciencedirect.com/science/article/pii/S0379073810000782</a>
9	Maher, H.M., Awad, T., DeRuiter, J., Clark, C.R., GC-MS and GC-IRD studies on dimethoxyamphetamines (DMA): Regioisomers related to 2,5-DMA, <i>Forensic Science International</i> 192-1/3 (2009) 115-125. DOI: 10.1016/j.forsciint.2009.08.010 ISSN 0379-0738; ISI Impact Factor: 2.104 (2009) <a href="http://www.ncbi.nlm.nih.gov/pubmed/19767160">http://www.ncbi.nlm.nih.gov/pubmed/19767160</a>

10	Waddell-Smith, R. J. H., A Review of Recent Advances in Impurity Profiling of Illicit MDMA Samples, <i>Journal of Forensic Sciences</i> 52-6 (2007)1297–1304. DOI: 10.1111/j.1556-4029.2007.00559.x ISSN 0022-1198; ISI Impact Factor: 1.037 (2007) <a href="http://www.ncbi.nlm.nih.gov/pubmed/17944907">http://www.ncbi.nlm.nih.gov/pubmed/17944907</a>
11	Brettell, T.A., Butler, J.M., Almirall, J.R., Forensic science, <i>Analytical Chemistry</i> 79-12 (2007) 4365-4384. DOI: 10.1021/ac070871s ISSN 0003-2700; ISI Impact Factor: 5.287 (2007) <a href="http://pubs.acs.org/doi/abs/10.1021/ac070871s">http://pubs.acs.org/doi/abs/10.1021/ac070871s</a>
12	Comparin, J., Drugs: A review 2004-2007, <i>Proceedings of the 15th International Forensic Science Symposium</i> , Interpol – Lyon, 23 - 26 October 2007, pp. 169-298 <a href="http://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers.pdf">http://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers.pdf</a>
13	DEA US Drug Enforcement Administration, <i>Microgram Bulletin</i> , Published by the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537 VOL. XXXIX, NO. 11, November 2006 <a href="http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg1106/mg1106.html">http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg1106/mg1106.html</a>

64. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., Automated identification of novel amphetamines using a pure neural network and neural networks coupled with principal component analysis, *Journal of Molecular Structure* 744-747 (2005) 821-825. DOI: 10.1016/j.molstruc.2004.11.049 ISSN 0022-2860; ISI Impact factor:1,440 (2005)  
<http://www.sciencedirect.com/science/article/pii/S0022286004009524>

#### LUCRARE CITATA IN

1	Bell, M. R., Polfer, N. C., Cryogenic infrared ion spectroscopy for the structural elucidation of drug molecules: MDMA and its metabolites, <i>International Journal of Mass Spectrometry</i> , Available online 10 June 2019. DOI: 10.1016/j.ijms.2019.06.001 ISSN: 1387-3806 eISSN: 1873-2798 ISI Impact factor: 1.658 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S138738061930123X">https://www.sciencedirect.com/science/article/pii/S138738061930123X</a>
2	Gosav, S., Chapter 4 Relevance of the Molecular Descriptors for the Modeling/Discrimination of Amphetamines Using Artificial Neural Network, in Dorohoi D.O., Barzic, A.I., Aflori, M. (eds.), <i>Electromagnetic Radiation in Analysis and Design of Organic Materials: Electronic and Biotechnology Applications</i> , 2017, CRC Press, pp.59–74. DOI: 10.1201/9781315164984-5 Print ISBN: 978-1-4987-7580-9, eBook ISBN: 978-1-4987-7581-6 <a href="http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5">http://www.crcnetbase.com/doi/abs/10.1201/9781315164984-5</a>
3	Duncan, T. M., The 2007 “Research on Drug Evidence” Report, presented at the 15th ICPO/INTERPOL Forensic Science Symposium, <i>Microgram Journal</i> 13 (1-4), 2016, pp. 241-386. <a href="https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf">https://www.dea.gov/pr/microgram-journals/2016/mj13-2007.pdf</a>
4	Yildiz, N., Polat, A., San, S.E., Kaya, N., Light-scattering determination of visco-elastic and electro-optic parameters of azo and anthraquinone dye-doped liquid crystal molecules and consistent neural network empirical physical formula construction for scattering intensities, <i>Journal of Molecular Structure</i> 991-1/3 (2011) 127 – 135. DOI: 10.1016/j.molstruc.2011.02.015 ISSN 0022-2860; ISI Impact Factor: 1.634 (2011) <a href="http://www.sciencedirect.com/science/article/pii/S0022286011001360">http://www.sciencedirect.com/science/article/pii/S0022286011001360</a>
5	Polat, O., Yildiz, N., San, S.E., Applied electric field effect on light-scattering birefringence of dye-doped liquid crystal molecule and consistent neural network empirical physical formula construction for scattering intensities, <i>Journal of Molecular Liquids</i> 163/3 (2011) 153-160. DOI: 10.1016/j.molliq.2011.08.012 ISSN 0167-7322; ISI Impact Factor: 1.580 (2011); <a href="http://www.sciencedirect.com/science/article/pii/S0167732211002911">http://www.sciencedirect.com/science/article/pii/S0167732211002911</a>
6	Santoso, D.D., Hargrave, S.M., Breikin, T.V., Thompson, H.A., Fleming, P.J., Diagnosis of fuel pump measurement bias in gas turbine engines, <i>International Journal of Systems Science</i> 38 (2007) 643 – 650. DOI: 10.1080/09528130701500422 ISSN 0020-7721; ISI Impact Factor: 0.492 (2007) <a href="http://www.tandfonline.com/doi/abs/10.1080/09528130701500422?journalCode=tsys20#.VQnTHtKueKl">http://www.tandfonline.com/doi/abs/10.1080/09528130701500422?journalCode=tsys20#.VQnTHtKueKl</a>
7	Comparin, J., Chapter 6. Drugs, p. 153-279, in Niamh N.D., Houck M.M. (Eds.), <i>Interpol's Forensic Science Review</i> , Taylor & Francis, ISBN: 978-1-4398-2658-4, DOI: 10.1201/EBK1439826584-c6 <a href="http://www.crcpress.com/product/isbn/9781439826584">http://www.crcpress.com/product/isbn/9781439826584</a>
8	Comparin J., „Drugs and Toxicology. A review: 2004 - 2007”, Interpol IFSS Meeting 2007 <a href="https://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers02.pdf">https://www.interpol.int/Public/Forensic/IFSS/meeting15/Papers02.pdf</a>
9	DEA US Drug Enforcement Administration, <i>Microgram Bulletin</i> , Published by the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537 VOL. XXXVIII, NO. 7, July 2005 <a href="http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0705/mg0705.html">http://www.usdoj.gov/dea/programs/forensicsci/microgram/mg0705/mg0705.html</a>

65. Praisler, M., Van Boclaer, J., De Leenheer, A., Massart, D.L., Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with GC-FTIR spectroscopy, *Journal of Chromatography A* 962 (2002)161-173. DOI: 10.1016/S0021-9673(02)00536-8 ISSN 0021-9673; ISI Impact factor 3.098 (2002) <http://144.206.159.178/FT/553/64176/14111591.pdf>

#### LUCRARE CITATA IN

1	White, R. L., Chromatography-IR, Methods and Instrumentation, in Lindon, J. C., Tranter, G. E., Koppenaal, DW., <i>Encyclopedia of spectroscopy and spectrometry</i> , 3rd Edition, Vol. 1: A-F, pp. 251-255, Academic Press Ltd-Elsevier Science Ltd, 2017. DOI: 10.1016/B978-0-12-409547-2.10997-7 ISBN:978-0-12-803225-1; 978-0-12-803224-4 WOS:000419238600036 <a href="https://www.elsevier.com/books/encyclopedia-of-spectroscopy-and-spectrometry/lindon/978-0-12-803224-4">https://www.elsevier.com/books/encyclopedia-of-spectroscopy-and-spectrometry/lindon/978-0-12-803224-4</a>
2	Jianxiang Du, Yuxin Huang, Jianyuan Qin, Lijuan Xie, Yibin Ying, Antibiotics discrimination in terahertz spectral database, 2017 ASABE Annual International Meeting 1700525. DOI: 10.13031/aim.201700525 <a href="https://elibrary.asabe.org/abstract.asp?aid=48254">https://elibrary.asabe.org/abstract.asp?aid=48254</a>

3	Andrighetto, L. M., Platform technology towards the chemical fingerprinting methamphetamine from ephedrine pathways, PhD. thesis, School of Life and Environmental Sciences, Deakin University, 2016 <a href="http://dro.deakin.edu.au/view/DU:30089150">http://dro.deakin.edu.au/view/DU:30089150</a>
4	Mengali, S., Liberatore, N., Luciani, D., Viola, R., Cardinali, G.C., Elmi, I., Poggi, A., Zampolli, S., Biavardi, E., Dalcanale, E., Bonadio, F., Delemont, O., Esseiva, P., Romolo, F.S., Rapid screening and identification of illicit drugs by IR absorption spectroscopy and gas chromatography, <i>Proc. SPIE</i> vol. 8631, <i>Quantum Sensing and Nanophotonic Devices X</i> , 86312F (February 4, 2013); Article number 86312F doi:10.1117/12.2003903. ISSN:0277-786X, ISBN: 978-0-8194-9400-9 <a href="http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1568482">http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1568482</a>
5	Parker, R. M., <i>Processing and analysis of chromatographic data</i> , PhD Thesis in Philosophy, College of Science, Engineering and Health, RMIT University, Melbourne, Australia, 2012. <a href="http://researchbank.rmit.edu.au/eserv/rmit:160310/Parker.pdf">http://researchbank.rmit.edu.au/eserv/rmit:160310/Parker.pdf</a>
6	Bartolome, R., Rey, J.M., Sigrist, M.W., Vapor-phase infrared laser spectroscopy: From gas sensing to forensic urinalysis, <i>Analytical Chemistry</i> 80 -14 ( 2008) 5334-5341. DOI: 10.1021/ac8001897 ISSN 0003-2700; ISI Impact factor 5.712 (2008) <a href="http://www.ncbi.nlm.nih.gov/pubmed/18558771">http://www.ncbi.nlm.nih.gov/pubmed/18558771</a>
7	Takahashi, M., Nagashima, M., Suzuki, J., Seto, T., Yasuda, I., Yoshida, T., Analysis of phenethylamines and tryptamines in designer drugs using gas chromatography-mass spectrometry, <i>Journal of Health Science</i> 54 -1 (2008) 89-96. DOI: 10.1248/jhs.54.89 ISSN 1344-9702; ISI Impact factor 0.654 (2008) <a href="http://jhs.pharm.or.jp/data/54%281%29/54_89.pdf">http://jhs.pharm.or.jp/data/54%281%29/54_89.pdf</a>
8	Cserhádi, T., <i>Multivariate Methods in Chromatography: A Practical Guide</i> , 2008, John Wiley & Sons, Ltd. ISBN: 978-047005820-6, DOI: 10.1002/9780470754146 <a href="http://onlinelibrary.wiley.com/book/10.1002/9780470754146">http://onlinelibrary.wiley.com/book/10.1002/9780470754146</a>
9	Katainen, E., Elomaa, M., Laakkonen, U.-M., Sippola, E., Niemela, P., Suhonen, J., Jarvinen, K., Quantification of the amphetamine content in seized street samples by Raman spectroscopy, <i>Journal of Forensic Sciences</i> 52 -1 (2007) 88-92. DOI: 10.1111/j.1556-4029.2006.00306.x ISSN 0022-1198; ISI Impact factor 1.037 (2007) <a href="http://www.ncbi.nlm.nih.gov/pubmed/17209916">http://www.ncbi.nlm.nih.gov/pubmed/17209916</a>
10	Liu, Y., Hu, C.Q., Establishment of a knowledge base for identification of residual solvents in pharmaceuticals, <i>Analytica Chimica Acta</i> 575-2 (2006) 246-254. DOI: 10.1016/j.aca.2005.05.098 ISSN 0003-2670; ISI Impact factor 2.894 (2006) <a href="http://www.sciencedirect.com/science/article/pii/S0003267006011846">http://www.sciencedirect.com/science/article/pii/S0003267006011846</a>
11	Li, J.F., Hibbert, D.B., Fuller, S., et al., A comparative study of point-to-point algorithms for matching spectra, <i>Chemometrics and Intelligent Laboratory Systems</i> 82-1/2 (2006) 50-58. DOI: 10.1016/j.chemolab.2005.05.015 ISSN 0169-7439; ISI Impact factor 2.45 (2006) <a href="http://www.sciencedirect.com/science/article/pii/S0169743905001486">http://www.sciencedirect.com/science/article/pii/S0169743905001486</a>
12	Zhi-Xian, Y., Huang, H., Liu, H.B., Processing GC-FTIR by the blind source separation, <i>Spectroscopy and Spectral Analysis</i> 26-8 (2006) 1432-1436. <a href="http://www.ncbi.nlm.nih.gov/pubmed/17058939">http://www.ncbi.nlm.nih.gov/pubmed/17058939</a>
13	Matthijs, N., Perrin, C., Maftouh, M., et al., Definition and system implementation of strategies for method development of chiral separations in normal- or reversed-phase liquid chromatography using polysaccharide-based stationary phases, <i>Journal of Chromatography A</i> 1041-1/2 (2004) 119-133. DOI: 10.1016/j.chroma.2004.04.040 ISSN 0021-9673; ISI Impact factor 3.359 (2004) <a href="http://www.sciencedirect.com/science/article/pii/S0021967304006405">http://www.sciencedirect.com/science/article/pii/S0021967304006405</a>
14	Brettell, T.A., Rudin, N., Saferstein, R., Forensic science, <i>Analytical Chemistry</i> 75 -12 (2003) 2877-2890. DOI: 10.1021/ac0301447 ISSN 0003-2700; ISI Impact factor 5.25 (2003) <a href="http://www.ncbi.nlm.nih.gov/pubmed/12945793">http://www.ncbi.nlm.nih.gov/pubmed/12945793</a>
15	Klein, R., Hays, P., Detection and Analysis of Drugs of Forensic Interest, 1992 – 2001: A Literature Review, <i>Microgram Journal</i> , Vol. 1, Nr. 1-2 (2003) 55-153. <a href="http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf">http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf</a>

66. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Automated recognition of ergogenic aids using Soft Independent Modeling of Class Analogy (SIMCA), *Turkish Journal of Chemistry* 26-1 (2002) 45-58.  
ISSN 1300-0527; ISI Impact factor 0,382 (2002) <http://journals.tubitak.gov.tr/chem/issues/kim-02-26-1/kim-26-1-7-0010-53.pdf>

#### LUCRARE CITATA IN

1	Maher, H. M., Awad, T., DeRuiter, J., Randall Clark, C., GC-MS and GC-IRD studies on brominated dimethoxyamphetamines: Regioisomers related to 4-Br-2,5-DMA (DOB), <i>Drug Testing and Analysis</i> 4-7/8 (2012) 591-600. DOI: 10.1002/dta.409 ISSN 1942-7603, ISI Impact factor 3.276 (2012) <a href="http://www.ncbi.nlm.nih.gov/pubmed/22389110">http://www.ncbi.nlm.nih.gov/pubmed/22389110</a>
2	Villegas, J.I., Kubicka, D., Reinikainen, S.-P., Addová, G., Kubinec, R., Salmi, T., Murzin, D.Y., Classification and pattern recognition of acyclic octenes based on mass spectra, <i>Talanta</i> 72 (2007) 1573-1580. DOI: 10.1016/j.talanta.2007.02.009 ISSN 0039-9140; ISI Impact factor 3.37 (2007) <a href="http://www.sciencedirect.com/science/article/pii/S0039914007001324">http://www.sciencedirect.com/science/article/pii/S0039914007001324</a>

67. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Computer-aided Screening for Hallucinogenic and Stimulant Amphetamines with Gas Chromatography -Fourier Transform Infrared Spectroscopy (GC - FTIR), *Journal of Analytical Toxicology* 25/1 (2001) 45-56. ISSN 0146-4760; ISI Impact factor 1,417 (2001) <http://jat.oxfordjournals.org/content/25/1/45.abstract>

#### LUCRARE CITATA IN

1	Maher, H. M., Awad, T., DeRuiter, J., Randall Clark, C., GC-MS and GC-IRD studies on brominated dimethoxyamphetamines: Regioisomers related to 4-Br-2,5-DMA (DOB), <i>Drug Testing and Analysis</i> 4-7/8 (2012) 591-600. DOI: 10.1002/dta.409 ISSN 1942-7603, ISI Impact factor 3.276 (2012) <a href="http://www.ncbi.nlm.nih.gov/pubmed/22389110">http://www.ncbi.nlm.nih.gov/pubmed/22389110</a>
2	Maresova, V., Hampl, J., Chundela, Z., et al., The identification of a chlorinated MDMA, <i>Journal of Analytical Toxicology</i> 29-5 (2005) 353-358. ISSN 0146-4760; ISI Impact factor 1.785 (2005) <a href="http://jat.oxfordjournals.org/content/29/5/353.full.pdf">http://jat.oxfordjournals.org/content/29/5/353.full.pdf</a>

3	Matthijs, N., Perrin, C., Maftouh, M., et al., Definition and system implementation of strategies for method development of chiral separations in normal- or reversed-phase liquid chromatography using polysaccharide-based stationary phases, <i>Journal of Chromatography A</i> 1041-1/2 (2004) 119-133. ISSN 0021-9673; ISI Impact factor 3.359 (2004) <a href="http://www.sciencedirect.com/science/article/pii/S0021967304006405">http://www.sciencedirect.com/science/article/pii/S0021967304006405</a>
4	Okafo, G.N., Roberts, J.K., <i>Development of achiral separation methods in pharmaceutical analysis</i> , in Lee, D.C., Webb, M., <i>Pharmaceutical Analysis</i> , Blackwell Publishing, CRC Press, 2003. <a href="http://www.crcpress.com/product/isbn/9780849328145">http://www.crcpress.com/product/isbn/9780849328145</a>
5	Brettell, T.A., Rudin, N., Saferstein, R., Forensic science, <i>Analytical Chemistry</i> 75-12 (2003) 2877-2890. ISSN 0003-2700; ISI Impact factor 5.25 (2003) <a href="http://pubs.acs.org/doi/abs/10.1021/ac0301447">http://pubs.acs.org/doi/abs/10.1021/ac0301447</a>
6	Klein, R., Hays, P., Detection and Analysis of Drugs of Forensic Interest, 1992 – 2001: A Literature Review, <i>Microgram Journal</i> 1-1/2 (2003) 55-153. <a href="http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf">http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf</a>
7	Bono, J., (US Department of Justice), Research On Drug Evidence, <i>13<sup>th</sup> Interpol Forensic Science Symposium</i> , Lyon, France, October-16-19, 2001 <a href="http://www.interpol.int/Public/Forensic/IFSS/meeting13/Reviews/Drug.pdf">http://www.interpol.int/Public/Forensic/IFSS/meeting13/Reviews/Drug.pdf</a>
8	De Ruyver, B., <i>Drug Phenomena</i> , Course Handbook, Forensic Science, University of Ghent, Belgium <a href="http://aivwww.ugent.be/Studentenadministratie/Studiegids/2005/EN/FACULTY/RE/COURSE/BBCRIM/03000005/INDEX.HTM">http://aivwww.ugent.be/Studentenadministratie/Studiegids/2005/EN/FACULTY/RE/COURSE/BBCRIM/03000005/INDEX.HTM</a>

68. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Identification of Novel Illicit Amphetamines from Vapor-Phase FTIR spectra - a Chemometrical Solution, *Talanta - The International Journal of Pure and Applied Chemistry*, 53 (2000) 155-170. DOI: 10.1016/S0039-9140(00)00461-6 ISSN 0039-9140; ISI Impact factor 1.554 (2000); <http://144.206.159.178/ft/1000/22774/412009.pdf>

#### LUCRARE CITATA IN

1	Nickum, E. A., Analysis of Regulated Drugs Using Chromatographic and Spectrophotometric Techniques Coupled with Spectroscopy An Orthogonal Approach to Protecting Public Health, 2017, PhD, University of Cincinnati, Arts and Sciences: Chemistry. <a href="https://etd.ohiolink.edu/pg_10?0::NO:10:P10_ACCESSION_NUM:ucin1504799568245931">https://etd.ohiolink.edu/pg_10?0::NO:10:P10_ACCESSION_NUM:ucin1504799568245931</a>
2	Carlsson, A., Synthesis and spectroscopic characterization of emerging synthetic cannabinoids and cathinones, Linköping Studies in Science and Technology. Thesis, Linköping University Electronic Press, 2016. , 62 p. DOI: 10.3384/lic.diva-132781 ISSN 0280-7971 <a href="http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1049312&amp;dsid=46">http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1049312&amp;dsid=46</a>
3	Carlsson, A., Lindberg, S., Wu, X., Dunne, S., Josefsson, M., Åstot, C., Dahlén, J., Prediction of designer drugs: synthesis and spectroscopic analysis of synthetic cannabinoid analogues of 1 <i>H</i> -indol-3-yl(2,2,3,3-tetramethylcyclopropyl)methanone and 1 <i>H</i> -indol-3-yl(adamantan-1-yl)methanone, <i>Drug Testing and Analysis</i> , Article first published online: 3 NOV 2015 DOI: 10.1002/dta.1904 ISSN 1942-7603; ISI Impact factor: 2.859 (2015) <a href="http://onlinelibrary.wiley.com/doi/10.1002/dta.1904/abstract;jsessionid=440EFEC4040F493DEDE9E37F1752F3EF.f03t04?u=serlsAuthenticated=false&amp;deniedAccessCustomisedMessage=">http://onlinelibrary.wiley.com/doi/10.1002/dta.1904/abstract;jsessionid=440EFEC4040F493DEDE9E37F1752F3EF.f03t04?u=serlsAuthenticated=false&amp;deniedAccessCustomisedMessage=</a>
4	Sekula, K., Zuba, D., Structural elucidation and identification of a new derivative of phenethylamine using quadrupole time-of-flight mass spectrometry, <i>Rapid Communications in Mass Spectrometry</i> 27-18 (2013) 2081-2090. DOI: 10.1002/rcm.6667 Online ISSN: 1097-0231 ISI Impact factor:2.642 (2013) <a href="http://www.ncbi.nlm.nih.gov/pubmed/23943329">http://www.ncbi.nlm.nih.gov/pubmed/23943329</a>
5	Mengali, S., Liberatore, N., Luciani, D., Viola, R., Cardinali, G.C., Elmi, I., Poggi, A., Zampolli, S., Biavardi, E., Dalcanale, E., Bonadio, F., Delemont, O., Esseiva, P., Romolo, F.S., Rapid screening and identification of illicit drugs by IR absorption spectroscopy and gas chromatography, <i>Proc. SPIE</i> vol. 8631, <i>Quantum Sensing and Nanophotonic Devices X</i> , 86312F (February 4, 2013); Article number 86312F doi:10.1117/12.2003903. ISSN:0277-786X, ISBN: 978-0-8194-9400-9 <a href="http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1568482">http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1568482</a>
6	Peng Xu, WenSi Lin, Chuan Jun Zhu, Ke Lin Liu, Ying Chang, Yu Xin Cui, Xiao Mei Ling, Wei Lu, Identification of dimethylamphetamine in a suspect exhibit, <i>Journal of Chinese Pharmaceutical Sciences</i> 21 (2012) 355–359. DOI:10.5246/jcps.2012.04.049 ISSN 1003-1057 <a href="http://118.145.16.238/Jwk_zgyxen/EN/abstract/abstract1163.shtml">http://118.145.16.238/Jwk_zgyxen/EN/abstract/abstract1163.shtml</a>
7	Rinke, C. N., <i>Selective multivariate applications in forensic science</i> , A dissertation submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy, College of Sciences, University of Central Florida, Florida, 2012. <a href="http://etd.fcla.edu/CF/CFE0004628/Rinke_FINAL.pdf">http://etd.fcla.edu/CF/CFE0004628/Rinke_FINAL.pdf</a>
8	Garg, P., Purohit, A., Tak, V.K., Dubey, D.K., Enhanced detectability of fluorinated derivatives of N,N-dialkylamino alcohols and precursors of nitrogen mustards by gas chromatography coupled to Fourier transform infrared spectroscopy analysis for verification of chemical weapons convention, <i>Journal of Chromatography A</i> 1216-45 (2009) 7906-7914. DOI: 10.1016/j.chroma.2009.09.032 ISSN 0021-9673; ISI Impact factor 4.101 (2009) <a href="http://www.sciencedirect.com/science/article/pii/S0021967309013880">http://www.sciencedirect.com/science/article/pii/S0021967309013880</a>
9	Cuadrado, M.U., de Castro, M.D.L., Gomez-Nieto, M.A., Object-oriented techniques for design and development of standard software solutions in automation and data management in analytical chemistry, <i>TRAC-Trends in Analytical Chemistry</i> 25-1 (2006) 66-76. DOI: 10.1016/j.trac.2005.05.006 ISSN 0003-2700; ISI Impact factor 5.068 (2006) <a href="http://www.sciencedirect.com/science/article/pii/S0165993605001482">http://www.sciencedirect.com/science/article/pii/S0165993605001482</a>
10	Zhang, D.M., Shi, X.J., Yuan, Z.P., et al., Component analysis of illicit heroin samples with GC/MS and its application in source identification, <i>Journal of Forensic Sciences</i> 49-1 (2004) 81-86. ISSN 0022-1198; ISI Impact factor 0.881 (2004) <a href="http://www.ncbi.nlm.nih.gov/pubmed/14979348">http://www.ncbi.nlm.nih.gov/pubmed/14979348</a>
11	Avila, L., Fine, L., <i>Vibrational Spectroscopy in Education</i> , in Chalmers, J. M., Griffiths, P. R. (Eds), <i>Handbook of Vibrational Spectroscopy</i> , vol.4 - <i>Applications in Industry, Materials and the Physical Sciences</i> , 2002 John Wiley & Sons, Ltd. ISBN: 978-0-471-98847-2 <a href="http://www.wiley.com/legacy/wileychi/vibspec/vol4cont.html">http://www.wiley.com/legacy/wileychi/vibspec/vol4cont.html</a>
12	Klein, R., Hays, P., Detection and Analysis of Drugs of Forensic Interest, 1992 – 2001: A Literature Review, <i>Microgram Journal</i> 1-1/2 (2003) 55-153. <a href="http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf">http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf</a>

13	Bora, T., Merdivan, M., Hamamci, C., Levels of trace and major elements in illicit heroin, <i>Journal of Forensic Sciences</i> 47-5 (2002) 959-963. ISSN 0022-1198; ISI Impact factor 0.787 (2002) <a href="http://www.ncbi.nlm.nih.gov/pubmed/12353581">http://www.ncbi.nlm.nih.gov/pubmed/12353581</a>
14	Bono, J., (US Department of Justice), Research On Drug Evidence, <i>13<sup>th</sup> Interpol Forensic Science Symposium</i> , Lyon, France, October 16-19, 2001. <a href="http://www.interpol.int/Public/Forensic/IFSS/meeting13/Reviews/Drug.pdf">http://www.interpol.int/Public/Forensic/IFSS/meeting13/Reviews/Drug.pdf</a>

69. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Pattern Recognition Techniques Screening for Drugs of Abuse with Gas Chromatography -Fourier Transform Infrared Spectroscopy, *Talanta -The International Journal of Pure and Applied Chemistry* 53 (2000) 177-193. DOI: 10.1016/S0039-9140(00)00460-4 ISSN 0039-9140; ISI Impact factor 1.554 (2000) <http://144.206.159.178/ft/1000/22774/412011.pdf>

#### LUCRARE CITATA IN

1	Pratama, S. F., Muda, A. K., Choo, Y. H., Abraham, A., A Comparative Study of 2D UMI and 3D Zernike Shape Descriptor for ATS Drugs Identification, in Abraham, A., Muda, A. K., Choo, Y. H. (Eds) <i>Pattern Analysis, Intelligent Security and the Internet of Things</i> , Series Title: Advances in Intelligent Systems and Computing, volume 355, Springer International Publishing, 2015, pp. 237-249. DOI: 10.1007/978-3-319-17398-6_22, Print ISBN: 978-3-319-17397-9, Online ISBN: 978-3-319-17398-6, Series ISSN 2194-5357 <a href="http://link.springer.com/chapter/10.1007/978-3-319-17398-6_22">http://link.springer.com/chapter/10.1007/978-3-319-17398-6_22</a>
2	Zhi, Y., Zong, R., Guangxuan, L., Liu, H., Jialei, T., The source identification and classification study of soot after combustion, <i>Fire and Materials</i> 37-3 (2013) 246-256. DOI: 10.1002/fam.2132 ISSN 0308-0501; ISI Impact factor:1.208 (2013) <a href="http://onlinelibrary.wiley.com/doi/10.1002/fam.2132/abstract">http://onlinelibrary.wiley.com/doi/10.1002/fam.2132/abstract</a>
3	Kabir, A., Furton, K.G., Chapter 25 - <i>Applications of Gas Chromatography in Forensic Science</i> , in Poole, C. F. (Ed.), <i>Gas Chromatography</i> , 2012, Elsevier Inc., ISBN: 978-012385540-4 DOI: 10.1016/B978-0-12-385540-4.00025-0. <a href="http://www.sciencedirect.com/science/article/pii/B9780123855404000250">http://www.sciencedirect.com/science/article/pii/B9780123855404000250</a>
4	Ozek, N.S., Afnan, A., Bueno, J., McLaughlin, G., Ralbovsky, M., Sikirzhyskaia, A., Sikirzhyski, V., Severcan, F., Lednev, I., <i>Forensic Applications of Vibrational Spectroscopy on Screening and Characterisation of Tissues</i> , in Severcan, F., Haris, P.I. (Eds), <i>Vibrational Spectroscopy in Diagnosis and Screening</i> , 2012, IOS Press, DOI: 10.3233/978-1-61499-059-8-350 <a href="http://ebooks.iospress.nl/volumearticle/28390">http://ebooks.iospress.nl/volumearticle/28390</a>
5	Parker, R. M., <i>Processing and analysis of chromatographic data</i> , PhD Thesis in Philosophy, College of Science, Engineering and Health, RMIT University, Melbourne, Australia, 2012. <a href="http://researchbank.rmit.edu.au/eserv/rmit:160310/Parker.pdf">http://researchbank.rmit.edu.au/eserv/rmit:160310/Parker.pdf</a>
6	Ali, E. M. A., Edwards, H. G. M., Scowen, I. J., Rapid in situ detection of street samples of drugs of abuse on textile substrates using microRaman spectroscopy, <i>Spectrochimica Acta Part A-Molecular And Biomolecular Spectroscopy</i> 80-1 (2011) 2-7. DOI: 10.1016/j.saa.2010.11.001 ISSN 1386-1425; ISI Impact factor:2.098 (2011) <a href="http://www.sciencedirect.com/science/article/pii/S1386142510005573">http://www.sciencedirect.com/science/article/pii/S1386142510005573</a>
7	de Mercado de la Peña, E., <i>Caracterización de la congelabilidad y mejora de los diluyentes de crioconservación espermática en porcino ibérico</i> , ISBN: 978-84-695-1007-0 (PhD Thesis) <a href="http://eprints.ucm.es/14442/1/T33326.pdf">http://eprints.ucm.es/14442/1/T33326.pdf</a>
8	Maher, H.M., Awad, T., DeRuiter, J., Clark, C.R., GC-MS and GC-IRD studies on dimethoxyamphetamines (DMA): Regioisomers related to 2,5-DMA, <i>Forensic Science International</i> 192-1/3 (2009) 115-125. ISSN 0379-0738; ISI Impact factor 2.104 (2009) <a href="http://www.sciencedirect.com/science/article/pii/S037907380900334X">http://www.sciencedirect.com/science/article/pii/S037907380900334X</a>
9	Chang, C.-L., Synthesis and structural pattern recognition of 5-(2'-alkoxycarbonyl- substituted phenoxy)furfural derivatives, <i>Chemical and Pharmaceutical Bulletin</i> 57-6 (2009) 550-556. ISSN 0009-2363; ISI Impact factor 1.698 (2009) <a href="http://www.ncbi.nlm.nih.gov/pubmed/19483332">http://www.ncbi.nlm.nih.gov/pubmed/19483332</a>
10	Cserhádi, T., <i>Multivariate Methods in Chromatography: A Practical Guide</i> , 2008, John Wiley & Sons, Ltd. ISBN: 978-047005820-6, DOI: 10.1002/9780470754146 <a href="http://eu.wiley.com/WileyCDA/WileyTitle/productCd-047005820X.html">http://eu.wiley.com/WileyCDA/WileyTitle/productCd-047005820X.html</a>
11	Takahashi, M., Nagashima, M., Suzuki, J., Seto, T., Yasuda, I., Yoshida, T., Analysis of phenethylamines and tryptamines in designer drugs using gas chromatography-mass spectrometry, <i>Journal of Health Science</i> 54-1 (2008) 89-96. DOI: 10.1248/jhs.54.89 ISSN 1344-9702; ISI Impact factor 0.654 (2008) <a href="http://jhs.pharm.or.jp/data/54%281%29/54_89.pdf">http://jhs.pharm.or.jp/data/54%281%29/54_89.pdf</a>
12	Morgan, S. L. and Bartick, E. G., Chapter 13 - <i>Discrimination of Forensic Analytical Chemical Data Using Multivariate Statistics</i> , in Blackledge, R. D. (Ed.), <i>Forensic Analysis on the Cutting Edge: New Methods for Trace Evidence Analysis</i> , 2007, John Wiley & Sons, Inc., Hoboken, NJ, USA. DOI: 10.1002/9780470166932.ch13. Print ISBN: 9780471716440. Online ISBN: 9780470166932 <a href="http://onlinelibrary.wiley.com/doi/10.1002/9780470166932.ch13/summary">http://onlinelibrary.wiley.com/doi/10.1002/9780470166932.ch13/summary</a>
13	Bai, L., Liu, Y., Classification of FTIR cancer data using wavelets and fuzzy C-means clustering, <i>Proc. SPIE</i> 6001, <i>Wavelet Applications in Industrial Processing III</i> , 60010B (November 07,2005); DOI:10.1117/12.629946 <a href="http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=719701">http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=719701</a>
14	Klein, R., Hays, P., Detection and Analysis of Drugs of Forensic Interest, 1992 – 2001: A Literature Review, <i>Microgram Journal</i> , 1-1/2 (2003) 55-153. <a href="http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf">http://www.justice.gov/dea/programs/forensicsci/microgram/journal_v1/2003_1-2.pdf</a>
15	Bora, T., Merdivan, M., Hamamci, C., Levels of trace and major elements in illicit heroin, <i>Journal of Forensic Sciences</i> 47-5 (2002) 959-963. ISSN 0022-1198; ISI Impact factor 0.787 (2002) <a href="http://www.ncbi.nlm.nih.gov/pubmed/12353581">http://www.ncbi.nlm.nih.gov/pubmed/12353581</a>
16	Koester, C.J., Andresen, B.D., Grant, P.M., Optimum methamphetamine profiling with sample preparation by solid-phase microextraction, <i>Journal of Forensic Sciences</i> 47-5 (2002) 1002-1007. ISSN 0022-1198; ISI Impact factor 0.787 (2002) <a href="http://europepmc.org/abstract/med/12353536">http://europepmc.org/abstract/med/12353536</a>
17	Bono, J., (US Department of Justice), "Research On Drug Evidence", <i>13<sup>th</sup> Interpol Forensic Science Symposium</i> , Lyon,



70. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Exploratory Analysis for the Automated Identification of Amphetamines from Vapour-Phase FTIR Spectra, *Analytica Chimica Acta* 404 (2000) 303- 317. DOI: 10.1016/S0003-2670(99)00717-5 ISSN 0003-2670; ISI Impact factor 1.849 (2000) <http://144.206.159.178/FT/38/10034/193153.pdf>

**LUCRARE CITATA IN**

1	Garg, P., Purohit, A., Tak, V.K., Dubey, D.K., Enhanced detectability of fluorinated derivatives of N,N-dialkylamino alcohols and precursors of nitrogen mustards by gas chromatography coupled to Fourier transform infrared spectroscopy analysis for verification of chemical weapons convention, <i>Journal of Chromatography A</i> 1216-45 (2009) 7906-7914. DOI: 10.1016/j.chroma.2009.09.032 ISSN 0021-9673; ISI Impact factor 4.101 (2009) <a href="http://www.sciencedirect.com/science/article/pii/S0021967309013880">http://www.sciencedirect.com/science/article/pii/S0021967309013880</a>
2	Kochana, J., Zakrzewska, A., Parczewski, A., et al., TLC screening method for identification of active components of Ecstasy tablets. Influence of diluents and adulterants, <i>Journal of Liquid Chromatography &amp; Related Technologies</i> 28-18 (2005) 2875-2886. DOI: 10.1080/10826070500269984 ISSN 1082-6076; ISI Impact factor 0.814 (2005) <a href="http://www.tandfonline.com/doi/abs/10.1080/10826070500269984#.VSgXxdysWos">http://www.tandfonline.com/doi/abs/10.1080/10826070500269984#.VSgXxdysWos</a>
3	Iranian Nanotechnology Laboratory Network, <a href="http://nanolab.nano.ir/display_paper.php?id=23">http://nanolab.nano.ir/display_paper.php?id=23</a>

71. Praisler, M., Praisler, D., A programme for the interactive interpretation and monitoring of the date resulting from IR spectroscopic Analysis, *Revista de Chimie* 47 (1996) 866-869. ISSN 0034-7752 ISI Impact factor 0.126 (1996), <http://www.revistadechimie.ro/>

**(c) ARTICOLE PUBLICATE ÎN VOLUMELE UNOR CONFERINTE INTERNAZIONALE INDEXATE IN ALTE BAZE DE DATE INTERNAZIONALE (IEEE XPLORE, SCOPUS, ETC)**

- Praisler, M., Ciocina, S., Stoica, A., Artificial intelligence application built for ATS detection with a new portable hollow fiber IRAS spectrometer, *Proceedings of the 18<sup>th</sup> International Conference on System Theory, Control and Computing ICSTCC 2014*, 17-19 October 2014, Sinaia, Romania, p. 237-242. DOI: 10.1109/ICSTCC.2014.6982422 Electronic ISBN: 978-1-4799-4601-3 Print on Demand(PoD) ISBN: 978-1-4799-4600-6 <http://ieeexplore.ieee.org/document/6982422/>
- Praisler, M., Ciocina, S., Stoica, A., Dumitriu, L., Signal selective amplification: a solution for an improved detection of amphetamines with QCL equipped portable GC-IRAS spectrometers, *Proceedings of the 18<sup>th</sup> International Conference on System Theory, Control and Computing ICSTCC 2014*, 17-19 October 2014, Sinaia, Romania, p. 909-914. DOI: 10.1109/ICSTCC.2014.6982535 Electronic ISBN: 978-1-4799-4601-3 Print on Demand(PoD) ISBN: 978-1-4799-4600-6 <http://ieeexplore.ieee.org/document/6982535/>
- Praisler, M., Frangu, L., Exploratory Analysis for the Automated Detection of Amphetamines and of Their Main Precursors, *Proceedings of the 2012 16<sup>th</sup> International Conference on System Theory, Control and Computing – ICSTCC 2012 – IEEE Joint Conference Proceedings*, 12-14 October 2012, Sinaia, Romania, pp. 1-6. Print ISBN 978-1-4673-4534-7, INSPEC Accession number 13175102. <http://ieeexplore.ieee.org/document/6379206/>

**LUCRARE CITATA IN**

1	Jafarabad, A. M., Madhkan, M., Sharifi, N. P., Thermal and Mechanical Properties of PCM-Incorporated Normal and Lightweight Concretes Containing Silica Fume, <i>Canadian Journal of Civil Engineering</i> 46-7 (2019) 643-656. DOI:10.1139/cjce-2018-0334 ISSN: 0315-1468 ISI Impact factor 0.742 (2018) <a href="https://www.nrcresearchpress.com/doi/abs/10.1139/cjce-2018-0334#.XL30veQzZdg">https://www.nrcresearchpress.com/doi/abs/10.1139/cjce-2018-0334#.XL30veQzZdg</a>
---	---

**(d) ARTICOLE PUBLICATE ÎN REVISTE INTERNAZIONALE BDI**

- Bike Mbah, J. B., Richard Kamga, R., Praisler, M., Dinica, R., Effect of Texture and Surface Chemistry of Palm Nut Hull Activated Carbon on the Adsorption of Pigments and Free Fatty Acids from Vegetable Oils, *Journal of Materials Science and Engineering B* 9 (5-6) (2019) 99-112. DOI: 10.17265/2161-6221/2019.5-6.003 ISSN: 2161-6221 <http://www.davidpublisher.org/Public/uploads/Contribute/5d7f35f4a3d95.pdf>
- Ciocina, S., Praisler, M., Evaluation of the Efficiency of Amphetamines' Detection by Cluster Analysis, *UPB Scientific Bulletin, Series B: Chemistry and Materials Science* 76 (2) 2014, 157-166. ISSN 1454-2331 <http://www.scientificbulletin.upb.ro/SeriaB - Chimie si Stiinta Materialelor.php?page=revistaonline&a=1&cat=B>

3. Ajeagah, G., Praisler, M., Cioroi, M., Constantin, O., Palela, M., Bahrim, G., Biological and Physico-Chemical Evaluation of the Eutrophication Potential of a Highly Rated Temperate Water Body in South – Eastern Romania, *Journal of Environment and Ecology* 5-2 (2014) 108-129. DOI: 10.5296/jee.v5i2.6512, ISSN: 2157-6092  
<http://www.macrothink.org/journal/index.php/jee/article/view/6512/5344>

**LUCRARE CITATA IN**

1	Fishar, M. R., Mahmoud, N. H., El- Feqy, F. A.,Gaber, K. M. G., Community Composition of Zooplankton in El-Rayah El- Behery, Egypt, <i>Egyptian Journal of Aquatic Biology &amp; Fisheries</i> 23-1 (2019) 135-150. DOI: 10.21608/ejabf.2019.26815 ISSN 1110 – 6131 <a href="https://ejabf.journals.ekb.eg/article_26815_5500ee6eefd62702eac43bc5b218c14e.pdf">https://ejabf.journals.ekb.eg/article_26815_5500ee6eefd62702eac43bc5b218c14e.pdf</a>
2	Khalifa, N., Bendary, R. E., Composition and Biodiversity of Zooplankton and Macrobenthic Populations in El-Rayah El- Menoufy, Egypt, <i>International Journal of Applied Environmental Sciences</i> 11-2 (2016) 683-700. ISSN 0973-6077 <a href="http://www.ripublication.com/ijaes16/ijaesv11n2_28.pdf">http://www.ripublication.com/ijaes16/ijaesv11n2_28.pdf</a>
3	Spanos, T., Ene, A., Xatzixristou, C., Papaioannou, A., Assessment of Groundwater Quality and Hydrogeological Profile of Kavala Area, Northern Greece, <i>Romanian Journal of Physics</i> 60 7-8 (2015) 1139 – 1150. ISSN: 1221-146X; ISI Impact factor 1.398 (2015) <a href="http://www.nipne.ro/rjp/accpaps/029-Spanos_72594D.pdf">http://www.nipne.ro/rjp/accpaps/029-Spanos_72594D.pdf</a>
4	Ungureanu, C., Ifrim, G., Ene, A., Bahrim, G., Turturica, M., Chemical and Microbiological Analysis of Water Quality from Lower Danube Region, <i>Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2</i> (2014) 209 – 215. ISSN 2067-2071, <a href="file:///D:/My%20Documents/Downloads/Annals%20Galati_physics%202014%20pag.%20209_215%20(1).pdf">file:///D:/My%20Documents/Downloads/Annals%20Galati_physics%202014%20pag.%20209_215%20(1).pdf</a>

4. Ngomo, O., Sieliechi, J. M., Tchatchueng, J.B., Kamga, R., Tabacaru, A., Dinica, R., Praisler, M., The Effect of Chlorhydric Acid Activation on the Physico-Chemical and Rheological Properties of A Kaolinite, *International Journal of Scientific Engineering and Technology* 3-7 (2014) 876-879. [http://ijset.com/ijset/publication/v3s7/IJSET\\_2014\\_710.pdf](http://ijset.com/ijset/publication/v3s7/IJSET_2014_710.pdf)

5. Ngomo, O., Sieliechi, J. M., Tchatchueng, J. B., Kamga, R., Tabacaru, A., Dinica, R., Praisler, M., Differences between structural, textural and rheological properties of two Cameroonian mineral clays used as cosmetic mask, *Advances in Environmental Sciences, Development and Chemistry* 2014 pp. 425-431, ISBN: 978-1-61804-239-2.  
<http://www.euroment.org/library/2014/santorini/bypaper/ENVIR/ENVIR-65.pdf>

**LUCRARE CITATA IN**

1	Dardir, F. M., El Zanaty, A. S., Ragab, M., Ahmed, E.A., Soliman, M. F., Cosmetic and pharmaceutical qualifications of Egyptian bentonite and its suitability as drug carrier for Praziquantel drug, <i>European Journal of Pharmaceutical Sciences</i> 115 (2018) 320-329. DOI: 10.1016/j.ejps.2018.01.041 ISSN: 0928-0987 eISSN: 1879-0720 ISI Impact factor: 3.532 (2018) <a href="https://www.sciencedirect.com/science/article/pii/S0928098718300551">https://www.sciencedirect.com/science/article/pii/S0928098718300551</a>
2	Gamoudi, S., Srasra, E., Characterization of Tunisian clay suitable for pharmaceutical and cosmetic applications, <i>Applied Clay Science</i> 146 (2017) 162 – 166. DOI: 10.1016/j.clay.2017.05.036 ISSN: 0169-1317 ISI Impact factor: 3.641 (2017) <a href="http://www.sciencedirect.com/science/article/pii/S0169131717302417">http://www.sciencedirect.com/science/article/pii/S0169131717302417</a>

6. Bike Mbah, J. B., Ngah, E., Praisler, M., Kamga, R., Adsorption isotherm and kinetics modeling of carotene and free fatty acids adsorption from palm oil onto montmorillonite, *International Journal of Biosciences* 3-3 (2013) 15-24. DOI: 10.12692/ijb/3.3.15-24 ISSN: 2220-6655 (Print) 2222-5234 (Online),  
<http://www.innsnpub.net/wp-content/uploads/2013/03/IJB-V3No3-p15-24.pdf>

**LUCRARE CITATA IN**

1	Fernandes, J. V., Rodrigues, A. M., Menezes, R. R., Araújo Neves, G., Adsorption of Anionic Dye on the Acid-Functionalized Bentonite, <i>Materials</i> 13 (2020) 3600. DOI: 10.3390/ma13163600 ISSN 1996-1944 ISI Impact factor: 3.057 (2019) <a href="https://www.mdpi.com/1996-1944/13/16/3600/html">https://www.mdpi.com/1996-1944/13/16/3600/html</a>
2	Ndé, H. S., Tamfuh, P. A., Clet, G., Vieillard, J., Mbognou, M. T., Djoufac Woumfo, E., Comparison of HCl and H2SO4 for the acid activation of a cameroonian smectite soil clay: palm oil discoloration and landfill leachate treatment, <i>Heliyon</i> 5-12 (2019) e02926. DOI: 10.1016/j.heliyon.2019.e02926 ISSN 2405-8440 <a href="https://www.sciencedirect.com/science/article/pii/S2405844019365855">https://www.sciencedirect.com/science/article/pii/S2405844019365855</a>
3	Sera, R., Lesmana, D., Maharani, A., The Influence Of Temperature and Contact Time On Waste Cooking Oil's Adsorption Using Bagasse Adsorbent, <i>Jurnal Kelitbangan</i> 7-2 (2019) DOI: 10.35450/jip.v7i2.131 ISSN: 2354-5704 . e-ISSN: 2622-190X <a href="http://journalbalitbangdalampung.org/index.php/jip/article/view/131">http://journalbalitbangdalampung.org/index.php/jip/article/view/131</a>
4	Djonga, W. G., Noubissié, E., Samomssa, I., Noumi, G. B., Discolouration Studies of the Slaughterhouse Effluent by Adsorption on Two Adsorbents Made from Species Sawdust of Triplochiton scleroxilon and Milicia excelsa, <i>Environmental Management and Sustainable Management</i> 8-3 (2019) DOI:10.5296/emsd.v8i3.15000 ISSN 2164-7682 <a href="http://www.macrothink.org/journal/index.php/emsd/article/view/15000/11945">http://www.macrothink.org/journal/index.php/emsd/article/view/15000/11945</a>
5	Chairgulprasert, V., Madlah, P., Removal of Free Fatty Acid from Used Palm Oil by Coffee Husk Ash, <i>Science &amp; Technology Asia</i> 23-3 (2018) 1-9. <a href="https://www.tci-thaijo.org/index.php/SciTechAsia/article/view/147219">https://www.tci-thaijo.org/index.php/SciTechAsia/article/view/147219</a>
6	Ngomo, O., Bike Mbah, J. B., Kamga, R., Dinica, R., Adsorption of Palm Oil Carotenes on Natural and Acid Activated Montmorillonite Clays, <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 61-2 (2016) 119-126. ISSN 1224-7154 printed edition ISSN 2065-9520 online edition ISI Impact factor: 0.244 (2016) <a href="http://chem.ubbcluj.ro/~studiachemia/issues/chemia2016_2/09Ngomo_etal_119_126.pdf">http://chem.ubbcluj.ro/~studiachemia/issues/chemia2016_2/09Ngomo_etal_119_126.pdf</a>

7	Bangun, N., Sembiring, S.B., Putri, N.K., Karo, J.A.K., Performance of M-silicate and M-polystyrene sulfonate in Extraction of Carotenoids from Crude Palm Oil, <i>Procedia Chemistry</i> 16 (2015) 349-356. DOI: 10.1016/j.proche.2015.12.063 ISSN 1876-6196 <a href="https://www.sciencedirect.com/science/article/pii/S1876619615002119">https://www.sciencedirect.com/science/article/pii/S1876619615002119</a>
8	Bangun, N., Sembiring, S.B., Putri, N.K., Karo, J.A.K., Extraction of carotenoids from crude palm oil using M-Silicate, M-Polystyrene Sulfonate (M= Mg, Ca) and a collector, 2015 International Conference on Chemical Engineering Yogyakarta, Indonesia, October 27-28, 2015. DOI: 10.13140/RG.2.1.2967.3361 <a href="https://www.researchgate.net/publication/299874817_EXTRACTION_OF_CAROTENOIDS_FROM_CRUDE_PALM_OIL_USING_M-SILICATE_M-POLYSTYRENE_SULFONATE_M Mg Ca AND A COLLECTOR">https://www.researchgate.net/publication/299874817_EXTRACTION_OF_CAROTENOIDS_FROM_CRUDE_PALM_OIL_USING_M-SILICATE_M-POLYSTYRENE_SULFONATE_M Mg Ca AND A COLLECTOR</a>
9	Karo, J.A.K., Sembiring, S.B., Bangun, N., Herawan, T., Adsorption and desorption carotenoids of raw palm oil (Crude Palm Oil/CPO) using salt M-Polystyrene Sulfonate (M= Na, Mg, Ca, Sr and Ba), <i>Indian Journal of Science &amp; Technology</i> 7-12 (2014) 1925–1932. ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645 <a href="http://www.indjst.org/index.php/indjst/article/view/47693">http://www.indjst.org/index.php/indjst/article/view/47693</a>
10	Rafique, U., Zulfikar, S., Synthesis and Technological Application of Agro-Waste Composites for Treatment of Textile Waste Water, <i>International Journal of Agriculture Innovations and Research</i> 3-3 (2014) 842-845. ISSN (Online) 2319-1473 <a href="https://iair.org/administrator/components/com_jresearch/files/publications/IJAIR_1103_Final.pdf">https://iair.org/administrator/components/com_jresearch/files/publications/IJAIR_1103_Final.pdf</a>

7. Ajeagah, G., Cioroi, M., Praisler, M., Constantin, O., Palela, M., Bahrim, G., An Ecological Assessment of the Pollution Status of the Danube River Basin in the Galati Region—Romania, *Journal of Water Resource and Protection* 5-9 (2013) 876-886. DOI: 10.4236/jwarp.2013.59089 ISSN Print: 1945-3094 ISSN Online: 1945-3108 <http://www.scirp.org/journal/PaperInformation.aspx?PaperID=37427&>

#### LUCRARE CITATA IN

1	Ivanovic, J., Janjic, J., Baltic, M., Glamoclija, N., Metal concentrations in water, sediment and three fish species from the Danube River, Serbia: a cause for environmental concern, <i>Environmental Science and Pollution Research</i> , Forst on-line 23 May 2016. DOI: 10.1007/s11356-016-6875-y ISSN: 0944-1344 (Print) 1614-7499 (Online), ISI Impact factor 2.741 (2016) <a href="http://link.springer.com/article/10.1007/s11356-016-6875-y">http://link.springer.com/article/10.1007/s11356-016-6875-y</a>
2	Milanov, Đ. R., Krstić, P. M., Marković V. R., Jovanović A. D., Baltić, M. B., Ivanović, S. J., Jovetić, M., Baltić, Ž. M., Analysis of Heavy Metals Concentration in Tissues of Three Different Fish Species Included in Human Diet From Danube River, in The Belgrade Region, Serbia, <i>Acta Veterinaria - Beograd</i> 66 -1 (2016) 89-102. DOI: 10.1515/acve-2016-0007 ISSN ISSN: 0567-8315 eISSN: 1820-7448 ISI Impact factor: 0.375 (2016) <a href="http://www.degruyter.com/dg/viewarticle.fullcontentlink.pdf?eventlink/\$002f\$002facve-2016.66.issue-1\$002facve-2016-0007\$002facve-2016-0007.pdf?ac=j\$002facve-2016.66.issue-1\$002facve-2016-0007\$002facve-2016-0007.xml">http://www.degruyter.com/dg/viewarticle.fullcontentlink.pdf?eventlink/\$002f\$002facve-2016.66.issue-1\$002facve-2016-0007\$002facve-2016-0007.pdf?ac=j\$002facve-2016.66.issue-1\$002facve-2016-0007\$002facve-2016-0007.xml</a>
3	Gheorghe, S., Catrangiu, A., Lucaciu, I., Tiron, O., Cosma, C., Stoica C., Dinu L., Water microbial quality during drinking water treatment technology and distribution provided by two Romanian companies, <i>Water Science &amp; Technology: Water Supply</i> 15-1 (2015) 66–74. DOI:10.2166/ws.2014.085 ISSN: 1606-9749 <a href="http://www.iwaponline.com/ws/01501/ws015010066.htm">http://www.iwaponline.com/ws/01501/ws015010066.htm</a>
4	Chitescu, C. L., Kaklamanos, G., Nicolau, Al., Stolker, A. A., High sensitive multiresidue analysis of pharmaceuticals and antifungals in surface water using U-HPLC-Q-Exactive Orbitrap HRMS. Application to the Danube river basin on the Romanian territory, <i>Science of the Total Environment</i> 532 (2015) 501-511. DOI: 10.1016/j.scitotenv.2015.06.010 ISSN 0048-9697, ISI Impact factor 3.976 (2015) <a href="http://www.sciencedirect.com/science/article/pii/S0048969715302102">http://www.sciencedirect.com/science/article/pii/S0048969715302102</a>
5	Freitas, D. A., Paiva, A. L. R., Carvalho Filho, J. A. A., Silva Pereira Cabral, J. J., Soares Rocha, F. J., Occurrence of <i>Cryptosporidium</i> spp., <i>Giardia</i> spp. and other pathogenic intestinal parasites in the Beberibe River in the State of Pernambuco, Brazil, <i>Revista da Sociedade Brasileira de Medicina Tropical</i> 48-2 (2015) DOI: 10.1590/0037-8682-0174-2014 ISSN 0037-8682; ISI Impact factor 0.949 (2015) <a href="http://www.scielo.br/scielo.php?pid=S0037-86822015000200220&amp;script=sci_arttext&amp;tlng=pt">http://www.scielo.br/scielo.php?pid=S0037-86822015000200220&amp;script=sci_arttext&amp;tlng=pt</a>

8. Dirinck, I., Praisler, M., Van Bocxlaer, J.F., De Leenheer, A., Massart, D.L., Comparison between automated knowledge-based systems identifying and classifying amphetamine analogues using vapor-phase FTIR spectra and mass spectra, *Problems of Forensic Sciences (Z Zagadnien Nauk Sadowych)* 43 (2000) 62-69. ISSN 1230-7483. [http://www.forensicscience.pl/pfs/43\\_dirinck.pdf](http://www.forensicscience.pl/pfs/43_dirinck.pdf)

#### LUCRARE CITATA IN

1	Herzler, M., <i>Über die Aussagesicherheit der Substanzidentifizierung mittels HPLC-DAD in der Systematischen Toxikologischen Analyse unter Verwendung einer Selbsterstellten UV-Spektrenbibliothek mit 2.682 Einträgen</i> , Doctor Rerum Naturalium im Fach Chemie Dissertation, Humboldt-Universität zu Berlin, 2003. <a href="http://edoc.hu-berlin.de/dissertationen/herzler-matthias-2003-03-17/PDF/Herzler.pdf">http://edoc.hu-berlin.de/dissertationen/herzler-matthias-2003-03-17/PDF/Herzler.pdf</a>
2	Deveaux, M., Gosset, D., Les psychotropes haute couture, <i>Annales de Toxicologie Analytique</i> 12-1 (2000) 90-96. <a href="http://www.ata-journal.org/articles/ata/abs/2000/01/ata20001p90/ata20001p90.html">http://www.ata-journal.org/articles/ata/abs/2000/01/ata20001p90/ata20001p90.html</a>

6. Praisler, M., Dirinck, I., Lambert, W., De Leenheer, A., Massart, D.L., Evaluation of sample preparation techniques adequate for multivariate algorithms applied for the identification and classification of amphetamine analogues with GC-FTIR, *Problems of Forensic Sciences (Z Zagadnien Nauk Sadowych)* 43 (2000) 200-207. ISSN 1230-7483. [http://www.forensicscience.pl/pfs/43\\_praisler.pdf](http://www.forensicscience.pl/pfs/43_praisler.pdf)

#### LUCRARE CITATA IN

1	Herzler, M., <i>Über die Aussagesicherheit der Substanzidentifizierung mittels HPLC-DAD in der Systematischen</i>
---	---

<p>Toxikologischen Analyse unter Verwendung einer Selbsterstellten UV-Spektrenbibliothek mit 2.682 Einträgen, Doctor Rerum Naturalium im Fach Chemie Dissertation, Humboldt-Universität zu Berlin, 2003. <a href="http://edoc.hu-berlin.de/dissertationen/herzler-matthias-2003-03-17/PDF/Herzler.pdf">http://edoc.hu-berlin.de/dissertationen/herzler-matthias-2003-03-17/PDF/Herzler.pdf</a></p>
--

**(e) ARTICOLE PUBLICATE ÎN VOLUMELE UNOR CONFERINTE ȘTIINȚIFICE  
INTERNATIONALE**

1. Praisler, M., Environmental impact of clandestine laboratories manufacturing drugs of abuse: an overview and a new analytical solution, *International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health"*, Galati, Romania, September 23-26, 2020.  
<https://blacksea-cbc.net/projects-newsevents/monitox-bsb27-international-conference-environmental-challenges-in-the-black-sea-basin-impact-on-human-health/>
2. Ion, A., Gosav, S., Praisler, M., Proving the environmental impact of NBOMe clandestine laboratories: a new analytical tool, *International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health"*, Galati, Romania, September 23-26, 2020.  
<https://blacksea-cbc.net/projects-newsevents/monitox-bsb27-international-conference-environmental-challenges-in-the-black-sea-basin-impact-on-human-health/>
3. C. Negoita, Praisler, M., Improved detection of 2C-x and Dox amphetamines – an analytical tool mitigating the environmental impact of their illicit manufacturing, consumption and disposal, *International Conference "Environmental Challenges in the Black Sea Basin: Impact on Human Health"*, Galati, Romania, September 23-26, 2020.  
<https://blacksea-cbc.net/projects-newsevents/monitox-bsb27-international-conference-environmental-challenges-in-the-black-sea-basin-impact-on-human-health/>
4. Ion, A., Praisler, M., Optimisation Methods Applied for Modelling the Molecular Structure of Some New Hallucinogenic Amphetamines, *Congresul National cu participare internationala pentru Studenti, Farmacisti, Medici Rezidenti, Medici Dentisti, Asistenti Medicali generalisti si Moase GALMED 2020*, Editia a X-a, 12 - 15 Martie 2020, Galati, Romania. <http://galmed.ssmg.ro/>
5. Ion, A., Gosav, S., Praisler, M., Physico-Chemical Characterisation Of Some Recently Discovered Hallucinogenic Drugs Performed By Using Molecular Descriptors, *Congresul National cu participare internationala pentru Studenti, Farmacisti, Medici Rezidenti, Medici Dentisti, Asistenti Medicali generalisti si Moase GALMED 2020*, Editia a X-a, 12 - 15 Martie 2020, Galati, Romania. <http://galmed.ssmg.ro/>
6. Negoita, C., Praisler, M., SVM Classification Model Based on Genetic Algorithms Applied for Hallucinogenic Amphetamines Based on their ATR-FTIR Spectra, *Congresul National cu participare internationala pentru Studenti, Farmacisti, Medici Rezidenti, Medici Dentisti, Asistenti Medicali generalisti si Moase GALMED 2020*, Editia a X-a, 12 - 15 Martie 2020, Galati, Romania. <http://galmed.ssmg.ro/>
7. Negoita, C., Praisler, M., Improvement of the Automatic Classification of Psychedelic Amphetamines Based on Random Forest Algorithm, *Congresul National cu participare internationala pentru Studenti, Farmacisti, Medici Rezidenti, Medici Dentisti, Asistenti Medicali generalisti si Moase GALMED 2020*, Editia a X-a, 12 - 15 Martie 2020, Galati, Romania. <http://galmed.ssmg.ro/>
8. Praisler, M., Ciochină, S., Negoită, C., Expert system operating a new portable infrared spectrometer designed to scan for synthetic drugs of abuse, *UGAL International Conference "Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society"*, 26 -27 October 2018, Galati, Romania.  
<http://fdi.ugal.ro/index.php/ro/conference-home>
9. Ciochină, S., Praisler, M., Negoită, C., Automatic detection of illicit psychoactive drugs based on laser infrared absorption spectrometry (IRAS), *UGAL International Conference "Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society"*, 26 -27 October 2018, Galati, Romania.  
<http://fdi.ugal.ro/index.php/ro/conference-home>
10. Negoită, C., Praisler, M., SVM classification model based on a Coarse/Fine Grained Parallel Genetic Algorithm applied for the detection of hallucinogenic amphetamines based on their ATR-FTIR spectra, *UGAL International Conference "Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society"*, 26 -27 October 2018, Galati, Romania. <http://fdi.ugal.ro/index.php/ro/conference-home>
11. Ion, A., Gosav, S., Praisler, M., Artificial neural network designed to identify NBOMe hallucinogens based on 3D-MoRSE descriptors and topological descriptors, *UGAL International Conference "Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society"*, 26 -27 October 2018, Galati, Romania.  
<http://fdi.ugal.ro/index.php/ro/conference-home>
12. Praisler, M., Ciochina, S., Coman, M., Machine learning application detecting potent illicit central nervous system stimulants, *Proceedings of the 8<sup>th</sup> International Multidisciplinary Symposium SIMPRO 2018*, 11 – 13 October 2018, Petrosani, Romania, pp. 647-652. ISSN 2344 – 4754 <https://www.upet.ro/simpro/2018/>

13. Ciochina, S., Praisler, M., Coman, M., Scanning for illicit psychoactive drugs based on pattern recognition, *Proceedings of the 8<sup>th</sup> International Multidisciplinary Symposium SIMPRO 2018*, 11 – 13 October 2018, Petrosani, Romania, pp.653-658. ISSN 2344 – 4754 <https://www.upet.ro/simpro/2018/>
7. Ciochina, S., Praisler, M., Coman, M. M., Choosing Between Quantum Cascade Lasers (QCL) Equipping a New Hollow Fiber Infrared Scanner Designed to Detect New Psychoactive Substances (NPS), *Proceedings of the International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. <https://bpu10.balkanphysicalunion.com/>
8. Gosav, S., Coman, M. M., Praisler, M., Artificial Neural Networks Applied for the Identification of JWH Cannabinoids Based on Structural Descriptors, *Proceedings of the International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. <https://bpu10.balkanphysicalunion.com/>
9. Gosav, S., Ion, A., Praisler, M., DFT Characterization of MDMA Methylene Homologue, a Chemical Compound with Psychoactive Properties, *Proceedings of the International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. <https://bpu10.balkanphysicalunion.com/>
10. Negoita, C., Praisler, M., Ion, A., Artificial Intelligence Application Designed to Screen for New Psychoactive Drugs Based on their ATR-FTIR spectra, *Proceedings of the International Conference of the Balkan Physical Union BPU10*, 26-30 august 2018, Sofia, Bulgaria. <https://bpu10.balkanphysicalunion.com/>
11. Gosav, S., Ion, A., Praisler, M., Computational Study of 3,4-Methylenedioxypropylone, *18<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2018*, 10-13 July 2018, Constanta, Romania. <http://ibwap.ro/>
12. Gosav, S., Maftai, D. Ion, A., Praisler, M., Theoretical Investigation of the Chemical Potential of 3,4-Methylenedioxypropylone, *18<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2018*, 10-13 July 2018, Constanta, Romania. <http://ibwap.ro/>
13. Gosav, S., Coman, M. M., Praisler, M., Automated Recognition of Synthetic Cannabinoids Based on ANN and Molecular Descriptors, *18<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2018*, 10-13 July 2018, Constanta, Romania. <http://ibwap.ro/>
14. Gosav, S., Coman, M. M., Praisler, M., Optimisation of the Performances of ANN Systems Designed for the Identification of JWH Cannabinoids, *18<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2018*, 10-13 July 2018, Constanta, Romania. <http://ibwap.ro/>
15. Negoita, C., Praisler, M., Automatic detection of psychedelic amphetamines and cannabinoids based on genetic algorithms and ATR-FTIR spectroscopy, *Proceedings of the 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2018)*, 24-26 May 2018, Cluj – Napoca, Romania. <http://www.aqtr.ro/>
16. Ion, A., Gosav, S., Praisler, M., "Molecular Structure Optimisation of New Hallucinogenic Amphetamines"-IV<sup>th</sup> Edition of the International Conference *New Trends In Environmental And Materials Engineering (TEME 2017)*, Galati, 25-27 Octombrie 2017. <http://www.teme.ugal.ro/>
17. Ion, A., Gosav, S., Praisler, M., "Physico-Chemical Characterization of New Hallucinogenic Amphetamines Based on Molecular Descriptors"-IV<sup>th</sup> Edition of the International Conference *New Trends In Environmental And Materials Engineering (TEME 2017)*, Galati, 25-27 Octombrie 2017 <http://www.teme.ugal.ro/>
18. Ciochina, S., Praisler, M., Coman, M. M., Feature Weights Improving the Automated Detection of Synthetic Drugs of Abuse, *17<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2017*, 11-14 July 2017, Constanta, Romania pp.148 ISSN 2501-9058, ISSN – L 2501-9058 (oral presentation S5 O9) <http://ibwap.univ-ovidius.ro/2017/>
19. Praisler, M., Ciochina, S., Coman, M. M., Detecting Ergogenic Aids Based on Cluster Analysis and Selected Infrared Absorptions, *17<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science IBWAP 2017*, 11-14 July 2017, Constanta, Romania, pp.166 ISSN 2501-9058, ISSN – L 2501-9058 (poster S5 P20) <http://ibwap.univ-ovidius.ro/2017/>
20. Praisler, M., Ciochina, S., Paduraru, N., Gosav, S., Portable hollow fiber infrared spectroscopy system for the identification of the main precursors of amphetamines, *33<sup>rd</sup> European Congress on Molecular Spectroscopy EUCMOS 2016*, 30 July – 4 August 2016, Szeged, Hungary. <http://eucmos2016.mke.org.hu/>
21. Gosav, S., Paduraru, N., Praisler, M., QSAR model based on selected theoretical molecular descriptors for predicting the anticancer activity against HT-29 colon cancer cell of flavonoids, *33<sup>rd</sup> European Congress on Molecular Spectroscopy EUCMOS 2016*, 30 July – 4 August 2016, Szeged, Hungary. <http://eucmos2016.mke.org.hu/>
22. Condurache-Bota, S., Tigau, N., Praisler, M., Drasovean, R., Prodan, G., Complex Morpho-Structural And Optical Analysis Of Bismuth Oxide Thin Films, *16<sup>th</sup> International Balkan Workshop on Applied Physics IBWAP-2016*, 7-9 July 2016, Constanta, Romania <http://www.ibwap.ro/2016/>
23. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Automated Identification and Discrimination of *Pleurotus (Pleurotus Ostreatus)* and *Champignon (Agaricus Bisporus)* Mushrooms Based on Artificial Neural Networks, *New Trends In Environmental And Materials Engineering TEME 2015*, 21 – 23 October 2015, Galați, Romania <http://www.teme.ugal.ro/>
24. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Automated Assessment of the Authenticity of Herbal Spices Based on Pattern Recognition Methods, *New Trends In Environmental And Materials Engineering TEME 2015*, 21 – 23 October 2015, Galați, Romania <http://www.teme.ugal.ro/>
25. Stoica Mandru, A., Dumitriu, L., Praisler, M., Information Technology Incorporating Environmental Data in Urban Plans Designed to Increase the Resilience of Highly Populated Areas, *New Trends In Environmental And Materials Engineering TEME 2015*, 21 – 23 October 2015, Galați, Romania <http://www.teme.ugal.ro/>
26. Stoica Mandru, A., Dumitriu, L., Praisler, M., Information Technology Applied for Detailed Urban Planning of Areas Affected by Combined Natural Hazards, *New Trends In Environmental And Materials Engineering TEME 2015*, 21 – 23 October 2015, Galați, Romania <http://www.teme.ugal.ro/>

27. Condurache-Bota, S., Praisler, M., Gavrilă, R., Sandwich heterostructures of antimony trioxide and bismuth trioxide films: structural, morphological and optical analysis, *European Conference on Surface Science ECOSS 31*, 31 August – 4 September 2015, Barcelona, Spain. <http://www.ecoss2015.org/>
28. Condurache-Bota, S., Tigau, N., Praisler, M., Prodan, G., Gavrilă, R., Near-infrared energy bandgap bismuth oxide thin films and their in-depth morpho-structural and optical analysis, *European Conference on Surface Science ECOSS 31*, 31 August – 4 September 2015, Barcelona, Spain. <http://www.ecoss2015.org/>
29. Gosav, S., Paduraru, N., Maftei, D., Birsă, M.L., Praisler, M., Quantum chemical study of a novel derivative of 3-substituted dithiocarbamic flavanone, *Colloquium Spectroscopicum Internationale XXXIX*, 30 August – 3 September 2015, Figueira Da Foz, Coimbra, Portugal. <http://csi2015.fis.uc.pt/index.php>
30. S. Condurache-Bota, C. Constantinescu, R. Gavrilă, N. Tigau, M. Praisler, The influence of the thermal treatment on the properties of sandwich-type of bismuth and antimony trioxides thin films, Abstract book of *The 8th International Conference on Advanced Materials - ROCAM 2015*, 07 - 10 July 2015, Bucharest, Romania, p. 66. [http://rocam.unibuc.ro/rocam2015/rocam\\_abstract\\_book\\_2015\\_v4.pdf](http://rocam.unibuc.ro/rocam2015/rocam_abstract_book_2015_v4.pdf)
31. Stoica, A., Dumitriu, L., Praisler, M., Combining geo-information technology and urban planning to improve the flood resilience of the Danube riverfront in Galați, Romania, Abstract book of the *International Conference Environmental challenges in Lower Danube Euroregion*, 25-26 June 2015, Galați, Romania, p.45. <http://www.inpolde.ugal.ro/Conference2015>
32. Stoica, A., Dumitriu, L., Praisler, M., Non-structural methods applied for flood management based on geo-information technology (Case study: industrial settings on the Danube riverfront, Galați, Romania), Abstract book of the *International Conference Environmental challenges in Lower Danube Euroregion*, 25-26 June 2015, Galați, Romania, p. 45-46. <http://www.inpolde.ugal.ro/Conference2015>
33. Filimon, I., Danila, E., Dobre, M., Praisler, M., Dima, D., Comparative analysis of air quality for three cities in Moldova (Romania): Galați, Iasi And Bacău, Abstract book of the *International Conference Environmental challenges in Lower Danube Euroregion*, 25-26 June 2015, Galați, Romania. <http://www.inpolde.ugal.ro/Conference2015>
34. Filimon, I., Danila, E., Dobre, M., Praisler, M., Dima, D., Assessment of the effect of geo-climatic conditions on air quality: a case study for the cities of Constanta, Galați and Brasov (Romania), Abstract book of the *International Conference Environmental challenges in Lower Danube Euroregion*, 25-26 June 2015, Galați, Romania. <http://www.inpolde.ugal.ro/Conference2015>
35. Ngomo, O., Sieliechi, J. M., Tchatchueng, J. B., Kamga, R., Tabacaru, A., Dinica, R., Praisler, M., Differences between structural, textural and rheological properties of two Cameroonian mineral clays used as cosmetic mask, *18th International Conference on Circuits, Systems, Communications and Computers (CSCC '14) Europment Conference*, CSCC Session: Data Mining and Query Processing I, Santorini Island, Greece, 17-21 July 2014; Conference Proceedings *Advances in Environmental Sciences, Development and Chemistry 2014* pp. 425-431, ISBN: 978-1-61804-239-2. <http://www.europment.org/library/2014/santorini/bypaper/ENVIR/ENVIR-65.pdf>
36. S. Gosav, D. Maftei, N. Paduraru, M. L. Birsă, *Vibrational spectroscopic studies on 3-(N,N-diethylthiocarbamate)-2-(4-methoxyphenyl)chroman-4-one*, 3EME Colloque Franco-Roumain de Chimie Medicinale, Iasi, Roumanie, 30-31 oct. 2014
37. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., PCA identification of the main physico-chemical properties influencing the quality of pea beans (*Pisum sativum*), Abstract book of the *Second International Conference on Natural and Anthropic Risks - ICNAR 2014*, 4 - 7 June 2014, Bacău, Romania, pp.122, ISSN 2360-4018 <http://icnar.ub.ro/>
38. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Automatic detection of the geographical origin of dill (*Anethum graveolens*) based on hierarchical cluster analysis, Abstract book of the *Second International Conference on Natural and Anthropic Risks - ICNAR 2014*, 4 - 7 June 2014, Bacău, Romania, pp.123, ISSN 2360-4018 <http://icnar.ub.ro/>
39. Gosav, S., Maftei, D., Paduraru, N., Birsă, M., Praisler, M., Structural and vibrational characterization of novel flavanones, *II International Conference on Applications of Optics and Photonics AOP2014*, 26 - 30 May 2014, Aveiro, Portugal. <http://aop2014.org/>
40. Condurache-Bota, S., Constantinescu, C., Tigau, N., Praisler, M., Gheorghies, C., Correlation studies between the optical and the morpho-structural properties of thin bismuth oxide films grown by pulsed laser ablation, *International Conference "Modern Laser Applications" 4th Edition - INDLAS 2014*, 19 - 23 May 2014, Bran, Romania. <http://indlas.inflpr.ro/index.html>
41. Filimon, I., Praisler, M., Dima, D., Monitoring of annual average concentrations of major air pollutants in Galați area through National Network for Air Quality Monitoring system, *First International Conference Danube- Black Sea 3E – Energy, Environment and Efficiency IWEEE 2013*, 18 - 21 September 2013, Galați, Romania, <http://www.iweee.ugal.ro/>
42. Praisler, M., Ciocina, S., Indicators of analytical geometry applied for the evaluation of PCA detection of illegal amphetamines, Proceedings of the *International Conference on Innovation and Collaboration in Engineering Research*, Second Edition, 20 - 22 June 2013, Bucharest, Romania, p. 81 – 84. ISSN 2344 – 1720 ISSN-L 2344 - 1720 [http://www.incer.eu/docs/Proceedings\\_INCER\\_2013\\_WEB.pdf#zoom=100](http://www.incer.eu/docs/Proceedings_INCER_2013_WEB.pdf#zoom=100)
43. Ciocina, S., Praisler, M., Evaluation of the efficiency of amphetamines' detection by cluster analysis, Proceedings of the *International Conference on Innovation and Collaboration in Engineering Research*, Second Edition, 20 - 22 June 2013, Bucharest, Romania. p. 85 – 88. ISSN 2344 – 1720 ISSN-L 2344 – 1720 [http://www.incer.eu/docs/Proceedings\\_INCER\\_2013\\_WEB.pdf#zoom=100](http://www.incer.eu/docs/Proceedings_INCER_2013_WEB.pdf#zoom=100)
44. Praisler, M., Ciocina, S., Evaluation of selectivity and sensitivity of GC-FTIR absorptions for the detection of amphetamines, Proceedings of the *International Scientific Workshop "European Union – Space of liberty, Security and Justice"*, Police Academy, Bucharest, 23 May 2013, Ed. Universitara, p. 410 – 421. ISBN: 978-606-591-723-1. DOI: 10.5682/9786065917231. [http://www.academiadepolitie.ro/facpol/cercetare/conf\\_stiint/conf\\_ue\\_2013/conf\\_pol\\_ue.html](http://www.academiadepolitie.ro/facpol/cercetare/conf_stiint/conf_ue_2013/conf_pol_ue.html)

45. Ciocina, S., Praisler, M., Feasibility study regarding the detection and discrimination of amphetamines based on vibrational spectra, Proceedings of the *International Scientific Workshop "European Union – Space of liberty, Security and Justice"*, Police Academy, Bucharest, 23 May 2013, Ed. Universitara, p. 480 – 490. ISBN: 978-606-591-723-1. DOI: 10.5682/9786065917231. [http://www.academiadepolitie.ro/facpol/cercetare/conf\\_stiint/conf\\_ue\\_2013/conf\\_pol\\_ue.html](http://www.academiadepolitie.ro/facpol/cercetare/conf_stiint/conf_ue_2013/conf_pol_ue.html)
46. Boldea, D.-A., Praisler, M., Comparative study of spectroscopic techniques applied in the analysis of mineral pigments, *Second Arheoinvest Congress, Interdisciplinary Research in Archeology*, 7 - 9 June 2012, Iasi, Romania. <http://arheoinvestcongress.uaic.ro/>
47. Murariu, G., Praisler, M., Ciocina, S., Stoica, A., Mathematical models designed to assess the risk situations created by river flows, *First International Conference on Moldavian Risks - From Global To Local Scale*, 16 - 19 May 2012, Bacău, Romania. <http://mrconference.ub.ro/>
48. Murariu, G., Praisler, M., Mingireanu, F., Mocanu, I., Stoica, A., Location and delimitation of the climatic changing areas: the potential of a UAVs based validation, *FIG Working Week 2012 - Knowing to manage the territory, protect the environment, evaluate the cultural heritage*, 6 - 10 May 2012, Rome, Italy, p. 1-10. [http://www.fig.net/pub/fig2012/papers/ts04h/TS04H\\_murariu\\_praisler\\_et\\_al\\_5587.pdf](http://www.fig.net/pub/fig2012/papers/ts04h/TS04H_murariu_praisler_et_al_5587.pdf)
49. Praisler, M., Frangu, L., Multivariate Classifier Designed for the *In-Situ* Recognition of Ancient Ceramics, (**prezentare orală**), *IV<sup>th</sup> European Symposium on Religious Art, Restauration and Conservation*, 3 - 5 May 2012, Iasi, Romania. [www.esrarc.tuiasi.ro](http://www.esrarc.tuiasi.ro)
50. Praisler, M., Domnisoru, D., Domnisoru, L., Chemometric Method for the Automated Identification of *Cucuteni* Ceramics Based on ATR-FTIR Spectra, (**prezentare orală**), *IV<sup>th</sup> European Symposium on Religious Art, Restauration and Conservation*, 3 - 5 May 2012, Iasi, Romania. [www.esrarc.tuiasi.ro](http://www.esrarc.tuiasi.ro)
51. Boldea, D.-A., Praisler, M., Quaranta, M., Minguzzi, V., Petrographic Characterization of Painted Neolithic Ceramics, (**prezentare orală**), *IV<sup>th</sup> European Symposium on Religious Art, Restauration and Conservation*, 3 - 5 May 2012, Iasi, Romania. [www.esrarc.tuiasi.ro](http://www.esrarc.tuiasi.ro)
52. Boldea, D.-A., Praisler, M., Quaranta, M., Minguzzi, V., Multi-Technique Characterisation of Painted Neolithic Ceramics Originating from Cucuteni (Romania), (**prezentare orală**), *IV<sup>th</sup> European Symposium on Religious Art, Restauration and Conservation*, 3 - 5 May 2012, Iasi, Romania. [www.esrarc.tuiasi.ro](http://www.esrarc.tuiasi.ro)
53. Gosav, S., Praisler, M., Bîrsă, M. L., Principal Component Analysis Coupled with Artificial Neural Networks—A Combined Technique Classifying Small Molecular Structures Using a Concatenated Spectral Database, *XI<sup>th</sup> International Conference on Molecular Spectroscopy*, 17 - 21 September 2011, Wroclaw-Kudowa Zdroj, Poland, p.111. <http://hermes.int.pan.wroc.pl/polcmos2011/>
54. Cioroi, M., Praisler, M., *Physico-chemical characteristics of wells water in some areas of Galati County, Romania*, (**prezentare orală**), *6<sup>th</sup> International Conference Environmental Engineering and Management (ICEEM 06)*, 1 - 4 Septembrie 2011, Balatonalmádi, Hungary <http://www.iceem06.iceem.eu/>
55. Iordachescu, G., Praisler, M., Vlasceanu, G., Ceaus, V.R., The Food Texture, a Challenge for the Future, Proceedings of the *2<sup>nd</sup> International ISEKI Food Conference (ISEKI Food 2011)*, 31 August - 2 September 2011, Milano, Italy, p.219 <http://www.isekiconferences.com/>
56. Praisler, M., Iordachescu, G., Multivariate Molecular – Sensorial Correlations for the Assessment of the UMAMI Taste for Vegetables, Proceedings of the *12<sup>th</sup> International Balkan Workshop on Applied Physics*, 12<sup>th</sup> IBWAP, 6 - 8 July 2011, Constanta, Romania <http://ibwap2011.univ-ovidius.ro/home.htm>
57. Praisler, M., Musat, C., Analytical and Computational Procedures Designed for Optimising the Enhancement of Conditional Motricity in Sports Medicine, Proceedings of the *12<sup>th</sup> International Balkan Workshop on Applied Physics*, 12<sup>th</sup> IBWAP, 6 - 8 July 2011, Constanta, Romania <http://ibwap2011.univ-ovidius.ro/home.htm>
58. Boldea, D.-A., Quaranta, M., Mazzeo, R., Praisler, M., Combining Multi-Spectral Imaging and Portable X-Ray Fluorescence for a Non-Invasive Characterization of *Cucuteni* Decorative Ceramics - Implication to Authentication Studies, Abstract book of the *1st ARHEOINVEST Congress – Interdisciplinary Research in Archaeology*, 10 - 11 June 2011, Iasi, Romania, p. 78. <http://arheoinvestcongress.uaic.ro/2011>
59. Domnisoru, D., Praisler, M., Buzgar, N., Cotiuga, V., Chemometric Software Designed for the Identification of *Cucuteni* Ceramics by Raman Spectroscopy, Abstract book of the *12<sup>th</sup> International Balkan Workshop on Applied Physics*, 12<sup>th</sup> IBWAP, July 06-08 2011, Constanta, Romania & *1st ARHEOINVEST Congress – Interdisciplinary Research in Archaeology*, 10 - 11 June 2011, Iasi, Romania, p. 78. <http://arheoinvestcongress.uaic.ro/2011>
60. Domnisoru, D., Praisler, M., Lazar, G., Artificial Intelligence Applied for the Identification of *Cucuteni* Ceramics Based on ATR-FTIR Spectroscopic Analysis, Abstract book of the *12<sup>th</sup> International Balkan Workshop on Applied Physics*, 12<sup>th</sup> IBWAP, July 06-08 2011, Constanta, Romania & *9<sup>th</sup> International Conference OPROTEH 2011*, 24 - 26 May 2011, Bacau, Romania, p. I.12. <http://www.oproteh.ub.ro/>
61. Domnisoru, D., Praisler, M., Cotiuga, V., Sandu, A. V., The Microstructural Analysis of Ceramic Materials Surface by SEM-EDX Technique and Porosity Characteristics, Abstract book of the *9<sup>th</sup> International Conference OPROTEH 2011*, 24 - 26 May 2011, Bacau, Romania, p. I.11. <http://www.oproteh.ub.ro/>
62. Dumitru, M., Praisler, M., Multiple Regression Predicting Lung Cancer Based on Risk Factors, Abstract book of the *9<sup>th</sup> International Conference OPROTEH 2011*, 24 - 26 May 2011, Bacau, Romania, p. I.15. <http://www.oproteh.ub.ro/>

#### LUCRARE CITATA IN

1	Rebegea, L., Voinescu, D. C., Gurau, G., Dobre, M., Stefanescu, V., Dumitru, M., Predicting Risk Factors for Lung Cancer in Patients Who Work in Industry, <i>Analele Universității "Dunărea De Jos" din Galați, Fascicula XVII - Medicină 2</i> (2014) 65-70. <a href="http://www.med.uqal.ro/2_2014_f/art%2012.pdf">http://www.med.uqal.ro/2_2014_f/art%2012.pdf</a>
---	--

63. Popovici Lazar, E., Praisler, M., Musat, M.M., Assessment of Correct Body Posture for the Ergonomic Design in Industrial Settings, Abstract book of the 9<sup>th</sup> International Conference OPROTEH 2011, 24 - 26 May 2011, Bacau, Romania, p. I.16. <http://www.oproteh.ub.ro/>
64. Popovici Lazar, E., Praisler, M., Musat, M.M., Biomechanical Evaluation of Mobility Strength for Mentally Deficient Children, Abstract book of the 9<sup>th</sup> International Conference OPROTEH 2011, 24 - 26 May 2011, Bacau, Romania, p. I.18. <http://www.oproteh.ub.ro/>
65. Domnisoru, D., Praisler, M., Variable selection for the Automated Identification of Cucuteni Ancient Ceramics. A Chemometrical Approach, *International Workshop – European Dimension of the Doctoral Programmes (POSDRU 19524)*, 22 - 23 July 2010, Galati, Romania
66. Praisler, M., Domnisoru, D., Gosav, S., Multivariate Analysis of Ancient Cucuteni Ceramics from Romanian Cultural Heritage, *Proceedings of the EUCMOS 2010 – XXX European Congress on Molecular Spectroscopy*, 29 August - 3 September 2010, Florence, Italy, p.35. <http://www.eucmos2010.info/>
67. Gosav, S., Praisler, M., Optimisation of the performances of a hibrid expert system designed for the elucidation of molecular structures, *Proceedings of the EUCMOS 2010 – XXX European Congress on Molecular Spectroscopy*, 29 August - 3 September 2010, Florence, Italy, p.58. <http://www.eucmos2010.info/>
68. Praisler, M., Stamate, M., Automated Identification of Cucuteni Ancient Ceramics – A Chemometrical Evaluation, *Proceedings of the 2010 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010- THETA 17<sup>th</sup> edition*, 28 - 30 May 2010, Cluj-Napoca, Romania, p. 69 – 75. ISBN 978 – 1-4244-6722-8. [http://aqtr.ro/program/Program\\_AQTR\\_2010.pdf](http://aqtr.ro/program/Program_AQTR_2010.pdf)
69. Praisler, M., Iordachescu, G., Niculae, O. M., Bonciu, C., Chemometrical Correlations of UMAMI Taste Compounds and Molecular Properties for Various Vegetables of Romanian Origin, *RAFA 2009 - 4<sup>th</sup> International Symposium on Recent Advances in Food Analysis*, 4 - 6 November 2009, Prague, Czech Republic. ISBN 978-80-7080-726-2. [www.rafa2009.eu](http://www.rafa2009.eu)
70. Iordachescu, G., Praisler, M., Bonciu, C., Niculae, O. M., Multivariate and Sensorial Analysis of Taste Compounds and Spectroscopic Properties for Various Cheese Assortments, *RAFA 2009 - 4<sup>th</sup> International Symposium on Recent Advances in Food Analysis*, 4 - 6 November 2009, Prague, Czech Republic. ISBN 978-80-7080-726-2. [www.rafa2009.eu](http://www.rafa2009.eu)
71. Iordachescu, G., Praisler, M., Vlasceanu, G., Dima, S., Umami - The Fifth Dimension of the Taste, *8<sup>th</sup> Pangborn Sensory Science Symposium*, 26 - 30 July 2009, Florence, Italy. <http://www.pangborn2009.com>
72. Praisler, M., New Trends in the Research Activity of the Physics Department, **(Key-note speaker in the Plenary Session)**, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania. <http://www.phys.ugal.ro/Conference2009/>
73. Praisler, M., Stamate, M., Cotoi, O., Chemometrical exploratory analysis of clustering spectroscopic properties for ancient Cucuteni ceramics, **(prezentare orală)**, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
74. Praisler, M., Stamate, M., Cotoi, O., Principal Component Analysis applied for the characterisation of genuine ancient Cucuteni ceramics, **(prezentare orală)**, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
75. Sandu, I., Cotiuga, V., Sandu, A. V., Ciocan, A.C., Praisler, M., The determination of some archaeometric characteristics of ancient ceramics, *International Symposium on Applied Physics: Materials Science, Environment and Health ISAP 1*, Ed. University Press GUP, Galati, 2009, pp. 421-425.

#### LUCRARE CITATA IN

1	Montana, G., Randazzo, L., Blasetti Fantauzzi, C., Archaeometric Characterization of Late Archaic Ceramic From Erice (Sicily) Aimed to Provenance Determination, <i>International Journal of Conservation Science</i> 10-4 (2019) 605-622. ISSN 2067-533X <a href="http://www.ijcs.uaic.ro/public/IJCS-19-55_Montana.pdf">http://www.ijcs.uaic.ro/public/IJCS-19-55_Montana.pdf</a>
2	Spiridon, P., Sandu, I. C. A., Nica, L., Vasilache, V., Sandu, I., Archaeometric and Chemometric Studies Involved in the Authentication of Old Heritage Artefacts. I. Contributions of the Iasi school of Conservation Science, <i>Revista de Chimie</i> 68-9 (2017) 2018 – 2027. ISSN 0034-7752 ISI Impact factor: 1.412 (2017) <a href="http://www.revistadechimie.ro/pdf/15%20SPIRIDON%209%20%2017.pdf">http://www.revistadechimie.ro/pdf/15%20SPIRIDON%209%20%2017.pdf</a>

76. Buzgar, N., Cotiuga, V., Praisler, M., Autentification of the ancient artefacts by using Raman spectrography, **(prezentare orală)**, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
77. Domnisoru, D., Praisler, M., Chemometrical analysis of pores characteristics for ancient ceramics, **(prezentare orală)**, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
78. Bike Mbah, J. B., Dinica, R., Kamga, R., Praisler, M., Adsorption of pigments and free fatty acid from shea butter on active carbon from palm nut hull, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
79. Bike Mbah, J. B., Dinica, R., Kamga, R., Praisler, M., Valorization of a lignocellulosic residue in activated carbon for the discolouration of palm oil: example of the palm nut hull, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
80. Bike Mbah, J. B., Nguetnkam, J. P., Dinica, R., Kamga, R., Praisler, M., Bleaching study of shea butter by a Cameroonain clay: Influence of clay fraction, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>



81. Domnisoru, D., Praisler, M., FTIR spectroscopic methods applied for the characterisation and identification of ceramic materials, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
82. Praisler, M., Stoian, I., Anghelescu, A., Murariu, G., Landscape Litologic Characterisation of the Galati Region, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
83. Praisler, M., Stoian, I., Anghelescu, A., Murariu, G., Assessment of the Lower Danube Euroregion Morphology, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
84. Praisler, M., Stoian, I., Anghelescu, A., Murariu, G., Structural Analysis of the Lower Danube Euroregion, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
85. Murariu, G., Stoian, I., Anghelescu, A., Praisler, M., Toward a grid technology basing on numerical computation with fluent platform, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
86. Murariu, G., Praisler, M., Stoian, I., Numerical simulation for charges flow assessment using FLUENT platform, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
87. Iordăchescu, G., Praisler, M., Niculae, O. M., Principal Component Analysis of Taste Compounds Associated with the UMAMI Taste for Various Cheese Assortments, (**prezentare orală**), *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
88. Iordăchescu, G., Praisler, M., Spectroscopic Database Optimisation for the Multivariate and Sensorial Analysis of Taste Compounds for Various Cheese Assortments, (**prezentare orală**), *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
89. Praisler, M., Iordăchescu, G., Variable selection for the chemometrical determination of the UMAMI Taste of Various Vegetables, (**prezentare orală**), *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
90. Praisler, M., Iordăchescu, G., Niculae, O. M., Principal Component Analysis of the Molecular Properties Associated with the UMAMI Taste for Various Vegetables, (**prezentare orală**), *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
91. Praisler, M., Coman, M., Musat, C. L., Tutunaru, D., Histological study on medicinal plants influence of asthma, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
92. Popovici, E., Praisler, M., Musat, M. M., Integration and social adaptation of children with mental problems through physical therapy and physical education, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
93. Popovici, E., Praisler, M., Movement Therapy Programs for Children, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania. <http://www.phys.ugal.ro/Conference2009/>
94. Dumitru, M., Praisler, M., Rebegea Paraschiv, L., Craita, D., Colimator factor determinations for a radiotherapy equipment. Comparison with theoretical values, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
95. Dumitru, M., Praisler, M., Rebegea Paraschiv, L., Craita, D., Area dosimetric measurements. Correlations with Co-60 decay, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
96. Praisler, M., The role of educational games for innovative science teaching, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania. <http://www.phys.ugal.ro/Conference2009/>
97. Praisler, M., Inquiry- and problem-based science education – a didactical challenge for science teaching, *1st International Symposium on Applied Physics – Materials Science, Environment and Health ISAP1*, 28 - 29 November 2009, Galati, Romania <http://www.phys.ugal.ro/Conference2009/>
98. Bike Mbah, J. B., Kamga, R., Gheorghies, C., Praisler, M., Preliminary Results on the Use of Palm Oil and Shea Butter in Lubrication Process in Food Industry, *International Conference on Diagnosis and Prediction in Mechanical Engineering Systems, DIPRE'09*, 22 - 23 October 2009, Galati, Romania <http://www.om.ugal.ro/dipre09/index.html>
99. G Murariu, M Praisler, L Georgescu, M Voiculescu, The Neural Network Approaching for Non-Linear Heat Transfer Processes, 7th General Conference of the Balkan Physical Union, Alexandroupolis 9-13 September 2009 [https://www.researchgate.net/profile/Fani\\_Stergioudi/publication/252408306\\_Fabrication\\_of\\_Open-Cell\\_Al\\_Foams\\_and\\_Evaluation\\_of\\_their\\_Mechanical\\_Response\\_under\\_Tension/links/0f31753726df89e649000000.pdf#page=124](https://www.researchgate.net/profile/Fani_Stergioudi/publication/252408306_Fabrication_of_Open-Cell_Al_Foams_and_Evaluation_of_their_Mechanical_Response_under_Tension/links/0f31753726df89e649000000.pdf#page=124)
100. Chiselev, A. M., Praisler, M., Moraru, L., Domnisoru, D., Principal Component Analysis of Ancient Ceramics from the Cultural Heritage of the Lower Danube, *EUROMAT 2009- European Congress and Exhibition on Advanced Materials And Processes*, 7 - 10 September 2009, Glasgow, UK. <http://www.euromat2009.fems.eu/>

101. Chiselev, A. M., Moraru, L., Praisler, M., Szendrei, F., Domnisoru, D., Porosity And Tortuosity of Romanian Ancient Ceramic, *Euromat 2009- European Congress and Exhibition on Advanced Materials And Processes*, 7 - 10 September 2009, Glasgow, UK. <http://www.euromat2009.fems.eu/>
102. Gosav, S., Dinica, R., Praisler, M., The selectivity of the GC/FTIR method in the identification of amphetamine analogues, *The International Conference of Physical Chemistry RomPhysChem*, 3 - 5 September 2008, Bucharest, Romania. <http://gw-chimie.math.unibuc.ro/romphyschem/index.php>
103. Gosav, S., Praisler, M., Dorohoi, D.O., Expert systems built for the modeling of small molecular structures using a concatenated spectral database, *EUCMOS 2008 – XXIX European Congress on Molecular Spectroscopy*, 31 August - 5 September 2008, Opatija, Croatia. <http://www.eucmos2008.info/>
104. Gosav, S., Praisler, M., Optimisation of the performances of a hybrid expert system designed for the elucidation of molecular structures, *EUCMOS 2008 – XXIX European Congress on Molecular Spectroscopy*, 31 August - 5 September 2008, Opatija, Croatia. <http://www.eucmos2008.info/>
105. Murariu, G., Dinescu, A., Praisler, M., On the cooling and freezing processes, (**prezentare orală**), *SigmaPhi2008 – Statistical Physics*, 14 - 18 July 2008, Chania, Greece. <http://physicsworld.com/cws/event/11915#>
106. Murariu, G., Praisler, M., On the analysis of the climatic factors influences, *SigmaPhi2008 – Statistical Physics*, 14 - 18 July 2008, Chania, Greece. <http://physicsworld.com/cws/event/11915#>
107. Murariu, G., Praisler, M., Voiculescu, M., A New Procedures Set for Energy – Momentum Tensors' Assessment in Curved Space Time, *Physics Conference TIM 08*, 28 – 29 November 2008, Timisoara, Romania <http://tim.uvt.ro/>
108. Murariu, G., Praisler, M., Numerical approaching to nonlinear flood assessment, *Physics Conference TIM 08*, 28 – 29 November 2008, Timisoara, Romania <http://tim.uvt.ro/>
109. Gosav, S., Praisler, M., ANN Hybrid System Screening for Illicit Amphetamines Using Molecular Descriptors, *EUROanalysis XIV*, 9 - 14 September 2007, Antwerp, Belgium <http://www.euroanalysisxiv.ua.ac.be/>
110. Gosav, S., Praisler, M., The Influence of Input Data Preprocessing and of Learning Error on the Performances of ANN Systems Identifying Amphetamines, *EUROanalysis XIV*, 9 - 14 September 2007, Antwerp, Belgium. <http://www.euroanalysisxiv.ua.ac.be/>
111. Gosav, S., Praisler, M., Dorohoi, D.O., Toxicity Prediction for Amphetamines Using ANN Systems and a Hybrid Database, *IXth International Conference on Molecular Spectroscopy: From Molecules to Molecular Biological Systems and Molecular Materials. Role of Molecular Interactions and Recognition*, 12 – 16 September 2007, Wroclaw, Poland
112. Gosav, S., Praisler, M., Dorohoi, D.O., Choosing Between GC-FTIR and GC-MS Spectra for an Efficient Intelligent Identification of Illicit Amphetamines, *IXth International Conference on Molecular Spectroscopy: From Molecules to Molecular Biological Systems and Molecular Materials. Role of Molecular Interactions and Recognition*, 12 – 16 September 2007, Wroclaw, Poland
113. Moraru, L., Praisler, M., Science in information society - knowledge-based society, (**prezentare orală**), *First International Conference - Role of ICT in Local and Regional Sustainable Development*, 24 – 25 August 2007, Galati, Romania
114. Dorohoi, D.O., Gosav, S., Praisler, M., Point Groups of Symmetry Applied in Molecular Spectroscopy, (**prezentare orală**), *Proceedings of the 6<sup>th</sup> International Conference of the Balkan Physical Union (American Institute of Physics – Conference Proceedings*, 22 – 26 August 2006, Istanbul, Turkey, p.344) published in AIP Conf. Proc., 899 (2007) 361-362. <http://www.springer.com/physics/applied+%26+technical+physics/book/978-0-7354-0404-5>
115. Gosav, S., Praisler, M., Dorohoi, D.O., ANN Expert System Screening for Illicit Amphetamines using Molecular Descriptors, *Proceedings of the XXVIII European Congress on Molecular Spectroscopy – EUCMOS 2006*, 3 - 8 September, 2006, Istanbul, Turkey, p.94. <http://www.eucmos2006.istanbul.edu.tr/>
116. Gosav, S., Praisler, M., Popa, G., Comparative Analysis of ANN and Pattern Recognition Expert Systems Screening for Illicit Amphetamines Based on GC-FTIR Spectra, *Proceedings of the XXVIII European Congress on Molecular Spectroscopy – EUCMOS 2006*, 3 – 8 September 2006, Istanbul, Turkey, p.95. <http://www.eucmos2006.istanbul.edu.tr/>
117. Gosav, S., Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Class Identity Assignment for Amphetamines Using Neural Networks and GG-FTIR Data”, (**prezentare orală**), *Proceedings of Colloquium Spectroscopicum Internationale XXXIV*, 4 - 9 September 2005, Antwerp, Belgia, p.71. <http://webhost.ua.ac.be/csi34/>
118. Gosav, S., Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Neural Network Systems Performing the Automated Recognition of Novel Amphetamines, *Proceedings of Colloquium Spectroscopicum Internationale XXXIV*, September 2005, Antwerp, Belgia, p.266. <http://webhost.ua.ac.be/csi34/>
119. Gosav, S., Praisler, M., Dorohoi, D.O., Automated Identification of Novel Amphetamines using Neural Networks Coupled with Principal Component Analysis (PC-NN Systems), *Proceedings of the XXVII European Congress On Molecular Spectroscopy*, Cracovia, Polonia, 5 - 10 Septembrie 2004, p.338 (ISBN 83-89541-21-1) [http://books.google.ro/books/about/XXVII\\_European\\_Congress\\_on\\_Molecular\\_Spe.html?id=VuQwAgAACAAJ&redir\\_esc=y](http://books.google.ro/books/about/XXVII_European_Congress_on_Molecular_Spe.html?id=VuQwAgAACAAJ&redir_esc=y)
120. Gosav S., Praisler, M., Dorohoi, D.O., Spectroscopic Analysis and Comparison between a PC-NN System and an NN System Designed for the Identification of Illicit Amphetamines, *Proceedings of the XXVII European Congress On Molecular Spectroscopy*, Cracovia, Polonia, 5 - 10 Septembrie 2004, p.339. (ISBN 83-89541-21-1) [http://books.google.ro/books/about/XXVII\\_European\\_Congress\\_on\\_Molecular\\_Spe.html?id=VuQwAgAACAAJ&redir\\_esc=y](http://books.google.ro/books/about/XXVII_European_Congress_on_Molecular_Spe.html?id=VuQwAgAACAAJ&redir_esc=y)
121. Gosav, S., Praisler, M., Dorohoi, D.O., Variable Selection in the Identification of Amphetamines Using Neural Networks, *Proceedings of the 12<sup>th</sup> International Symposium on Modeling, Simulation and Systems' Identification – SIMSIS 12*, Galati, Romania, 24 - 25 Septembrie 2004, p.284 - 287 (ISBN 973-627-156-0). <http://uefiscdi.gov.ro/articole/751/SIMSIS-12--12-th-INTERNATIONAL-SYMPOSIUM-ON-MODELING-SIMULATION-AND-SYSTEMS-IDENTIFICATION.html>

122. Gosav, S., Praisler, M., Dorohoi, D.O., Spectroscopic Analysis of Neural Networks Classifying GC-FTIR Spectra of Amphetamines, Proceedings of the 12<sup>th</sup> International Symposium on Modeling, Simulation and Systems' Identification - SIMSIS 12, Galati, Romania, 24-25 Septembrie 2004, p.288 – 290 (ISBN 973-627-156-0).  
<http://uefiscdi.gov.ro/articole/751/SIMSIS-12--12-th-INTERNATIONAL-SYMPOSIUM-ON-MODELING-SIMULATION-AND-SYSTEMS-IDENTIFICATION.html>
123. Praisler, M., Gosav, S., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Identification of Phenethylamines Using Artificial Neural Networks and GC- FTIR Data, Proceedings of the ChemoAc Conference on Analytical Chemistry, Industrial Chemometrics: Achievements and Promises, 27 - 28 Martie 2003, Brussels, Belgium.
124. Praisler, M., Gosav, S., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Spectroscopic Analysis for the Optimisation of the Training Set Used for the Artificial Neural Network Classification of GC-FTIR Spectra of Amphetamines, Proceedings of the ChemoAc Conference on Analytical Chemistry, Industrial Chemometrics: Achievements and Promises, 27 - 28 Martie 2003, Brussels, Belgium.
125. Decaestecker, T. N., Praisler, M., Van de Castele, S., Van Bocxlaer, J. F., ESI or APCI to ionize pharmaceuticals: a chemometric approach, 7<sup>th</sup> Annual Meeting on Mass Spectroscopy, 2 Septembrie 2002, Ghent, Belgia.
126. Bouche, M.P., Praisler, M., Van Bocxlaer, J.F., De Leenheer, A.P., A Structured Approach in the Optimisation of a headspace and PTV -based injection for the Analysis of Volatile Poisons, *Annales de Toxicologie Analytique*, vol.XIV no.3 (2002) p.73 (volumul 38<sup>th</sup> Triennial TIAFT Meeting, 26 - 30 August 2002, Paris, Franta. ISSN 0768-598X).
127. Bouche, M.P., Praisler, M., Van Bocxlaer, J.F., De Leenheer, A.P., A Structured Approach for Screening the Relevant Factors in a PTV Injection Optimizing Procedure, volumul Sesiunii Nationale cu participare internationala de comunicari tehnico-stiintifice «Relansare economica si sociala », 22 - 24 Iunie 2001, Braila, p. 1111 -1116. **(prezentare orală)** ISBN 973-810-51-4.
128. Decaestecker, T.N., Clauwaert, K.M., Lambert, W.E., Van den Eeckhout, E.G., Van Peteghem, C.H., De Leenheer, A.P., Van Bocxlaer, J.F., Praisler, M., Datadependent MS to MS/MS switching using a Q-TOF in a forensic drug screening environment, volumul Sesiunii Nationale cu participare internationala de comunicari tehnico-stiintifice « Relansare economica si sociala », 22 - 24 Iunie 2001, Braila, p. 1117- 1127. **(prezentare orală)** ISBN 973-810-51-4.
129. Praisler, M., Computer-aided screening for hallucinogenic and stimulant amphetamines with GC-FTIR, **Key-note speaker**, *Chemometrics in Drug Analysis*, 18 Mai 2001, Ghent, Belgia.
130. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Comparative Analysis of Pattern Recognition Techniques applied for the Identification of Narcotics, Proceedings of the 3<sup>rd</sup> Mediterranean Basin Conference on Analytical Chemistry, 4 - 9 Iunie 2000, Antalya, Turcia, p.56. **(prezentare orală)** <http://www.mbcac3.hacettepe.edu.tr/>
131. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Automated recognition of ergogenic aids using Soft Independent Modeling of Class Analogy (SIMCA), Proceedings of the 3<sup>rd</sup> Mediterranean Basin Conference on Analytical Chemistry, 4 - 9 Iunie 2000, Antalya, Turcia, p.70. **(prezentare orală)** <http://www.mbcac3.hacettepe.edu.tr/>
132. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Structural Identification of Sympathomimetic Amines with GC-FTIR Spectroscopy, Proceedings of the 5<sup>th</sup> Chemometrics Symposium, 22 Octombrie 1999, Machelen, Belgia, p. P-1.
133. Dirinck, I., Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Multivariate Determination of the Length of the Side Chain of Illicit Amphetamine Analogues with GC-FTIR Spectra, Proceedings of the 5<sup>th</sup> Chemometrics Symposium, 22 Octombrie 1999, Machelen, Belgia, p.P-2.
134. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Identification of Novel Illicit Amphetamines from Vapor-Phase FTIR Spectra- A Chemometrical Solution to the Methodology, Proceedings of XXXI Colloquium Spectroscopicum Internationale, 5 - 10 Septembrie 1999, Ankara, Turcia, p. 88. **(prezentare orală)** <http://www.ncbi.nlm.nih.gov/pubmed/18968081>
135. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Expert System Screening for Drugs of Abuse with Gas Chromatography -Fourier Transform Infrared Spectroscopy, Proceedings of XXXI Colloquium Spectroscopicum Internationale, 5 - 10 Septembrie 1999, Ankara, Turcia, p.116. **(prezentare orală)** <http://www.ncbi.nlm.nih.gov/pubmed/18968081>
136. Praisler, M., Dirinck, I., Lambert, W., De Leenheer, A., Massart, D.L., Evaluation of Sample Preparation Techniques Adequate for Multivariate Algorithms Applied for the Identification and Classification of Amphetamine Analogues with GC- FTIR, volumul 37<sup>th</sup> Triennial TIAFT Meeting, 5 - 9 Septembrie 1999, Cracovia, Polonia.
137. Dirinck, I., Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Comparison Between Automated Knowledge-Based Systems Identifying and Classifying Amphetamine Analogues Using Vapour-Phase FTIR Spectra and Mass Spectra, volumul 37<sup>th</sup> Triennial TIAFT Meeting, 5 - 9 Septembrie 1999, Cracovia, Polonia.
138. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Structural Investigation of Amphetamines by Modeling their Molecular Skeletons with GC-FTIR Spectroscopy, Proceedings of Chemometrics V, 28 August - 2 Septembrie 1999, Brno, Cehia, p.0-8. **(prezentare orală)**
139. Praisler, M., Dirinck, I., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Chemometrical Detection of Thermally Degraded Samples in the Analysis of Drugs of Abuse with GC-FTIR Spectroscopy, Proceedings of Chemometrics V, 28 August - 2 Septembrie 1999, Brno, Cehia, p. 0-13. **(prezentare orală)**
140. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Expert System Based on Principal Component Analysis for the Identification of Amphetamines from Vapor-Phase Infrared Spectra, Proceedings of the 4<sup>th</sup> Chemometrics Symposium, 20 Noiembrie 1998, Bruxelles, Belgia, p. P-13.
141. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D.L., Development of an Integrated Chemometrical Strategy Towards a More Profound Use of Complex (Gas- Chromatographic-) Fourier Transform Infrared Data Sets, Proceedings of the ChemoAc Conference of Chemometrics, 14 - 15 Septembrie 1998, Bruxelles, Belgia, p.1-12.
142. Praisler, M., Women, Leadership and Management Styles in Higher Education, *The Conference for International Women*, 4 Aprilie 1997, The University of Findlay, Ohio, USA.

143. Praisler, G., Bocioaca, V., Georgescu, L., Praisler Stoica, M., Strain Gauge Measurements Regarding the Determination of the Assymetrical Load influence on the Shear Stress Distribution in the Sides and Longitudinal Bulkheads of the Tankers, Proceedings of the V<sup>th</sup> International Symposium of Tensometry, 20 - 23 Septembrie 1989, Galati, p.79-85.

## (f) ARTICOLE PUBLICATE ÎN REVISTE RECUNOSCUTE DE CNCIS

1. Ion, A., Gosav, S., Praisler, M., Theoretical investigation of the 3,4-methylenedioxypropylamphetamine designer drug, , *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2020, No. 1, ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
2. Ion, A., Gosav, S., Praisler, M., Choosing relevant functional groups for optimizing Artificial Neural Networks detecting NBOMe hallucinogens, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2019, No. 2, p. 159-165. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
3. Praisler, M., Ciocina, S., Pattern recognition analysis of the class identity recognition efficiency of a portable laser infrared sensor detecting amphetamines and their main precursors, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2019, No. 1, p. 55 – 62. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
4. Ciocina, S., Praisler, M., Chemometric application operating a portable laser infrared sensor detecting illicit phenethylamines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2019, No. 1, p. 49 – 54. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
5. Amboyi, G. S. A., Gouollaly, T., Andzi-Barhé, T., Dinica, R., Praisler, M., Evaluation of antioxidant activity and determination of total polyphenols and flavonoids of leaf extracts of *Dischistocalyx hirsutus* C. B. Clarke, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2019, No. 1, p. 63 – 67. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
6. Praisler, M., Ciocina, S., Comparative assessment of the modeling and discrimination power of two pattern recognition methods applied to detect designer drugs, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p. 76-83. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
7. Ciocina, S., Praisler, M., Detecting phenethylamines according to their pharmacological activity, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p. 18-24. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
8. Ciocina, S., Praisler, M., Naive Bayesian classifier detecting phenethylamines based on their vibrational spectra and associated eigenvalues, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p. 10-17. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
9. Negoita, C., Praisler, M., Evolutionary algorithm applied for improving the accuracy of the automated detection of psychedelic amphetamines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p. 70-75. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
10. Coman, M. M., Gosav, S., Praisler, M., Study regarding the toxicological activity of some JWH synthetic cannabinoids, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p.25-32. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
11. Gosav, S., Ion, A., Praisler, M., Artificial neural network designed to identify NBOMe hallucinogens based on molecular descriptors, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year X (XXXXI) 2018, No. 1, p. 33-39. ISSN 2067-2071 [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
12. Negoita, C., Praisler, M., Identification of Functional Groups in the ATR-FTIR Spectra of 2C-x and DOx Amphetamine Analogues, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 25-30. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
13. Coman, M.-M., Praisler, M., ATR-FTIR Characterization of Huffman Synthetic Cannabinoids, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 31-36. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
14. Coman, M., Praisler, M., Physico-chemical and Vibrational Characterization of Structurally Related Schedule In Synthetic Cannabinoids, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 37-42. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
15. Praisler, M., Ciocina, S., Combining PCA and Agglomerative Clustering: a Solution for the Automatic Recognition of Amphetamines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 89-94. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
16. Ciocina, S., Praisler, M., Choosing the Appropriate Distance Measure for Improving the Accuracy of Agglomerative Clustering: Amphetamines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 95-101. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
17. Ion, A., Praisler, M., Vibrational Analysis of new Hallucinogenic Amphetamines based on ATR-FTIR Spectra, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year IX (XXXX) 2017, No. 1, p. 108-111. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2/](http://www.phys.ugal.ro/Annals_Fascicle_2/)
18. Paduraru, N., Gosav, S., Praisler, M., Theoretical Vibrational Analysis of a Novel Flavanone Based on Potential Energy Distribution Theory, *Buletinul Institutului Politehnic din Iasi, Sectia Matematica, Mecanica teoretica, Fizica tomul LXI (LXV), Fasc. 4* (2015) 45-54. ISSN 1244-7863 [http://www.cm.tuiasi.ro/buletinul-ipi/sectia-mat\\_fiz/](http://www.cm.tuiasi.ro/buletinul-ipi/sectia-mat_fiz/)

19. Gosav, S., Paduraru, N., Praisler, M., Modeling of Anticancer Activity of Flavonoids Based on Multiple Linear Regression, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VII (XXXVIII) 2015, No. 2, p. 200-206. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
20. Ghinita Constantin, S., Praisler, M., Iordăchescu, G., Automated Identification and Discrimination of Pleurotus (*Pleurotus Ostreatus*) and Champignon (*Agaricus Bisporus*) Mushrooms Based on Artificial Neural Networks, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VII (XXXVIII) 2015, No. 1, p. 151 – 158. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
21. Ghinita Constantin, S., Praisler, M., Iordăchescu, G., Identification of the Main Physico-Chemical Properties Influencing the Quality of Thyme (*Satureja Hortensis*), *Journal of Engineering Studies and Research*, 2014, vol. 20, no. 2, p. 33-38. ISSN 2068-7559. [file:///D:/My%20Documents/Downloads/JESR201402V20S01A0005%20\(1\).pdf](file:///D:/My%20Documents/Downloads/JESR201402V20S01A0005%20(1).pdf)
22. Condurache-Bota, S., Praisler, M., Constantinescu, C., Țigău, N., Murariu, G., Kramers-Kronig method applied for thin films of bismuth oxide prepared by PLD, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 16 – 21. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*

#### LUCRARE CITATA IN

1	Condurache-Bota, S., Tigau, N., Constantinescu, C., Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, <i>SN Applied Sciences</i> vol. 2, Article number: 417 (2020). DOI: 10.1007/s42452-020-2217-2 ISSN: 2523-3963 (Print) 2523-3971 (Online) ISI Impact factor 0.1 (2018) <a href="https://link.springer.com/article/10.1007/s42452-020-2217-2">https://link.springer.com/article/10.1007/s42452-020-2217-2</a>
---	---

23. Filimon, I., Praisler, M., Dima, D., Dobre, M., Danila, E., Quantitative assessment of the impact of the main air pollutants on the health of children in the urban population of Galati (Romania), *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 30 – 35. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
24. Cioara, L., Praisler, M., Vibrational characterization of the molecular structure of the main precursors of amphetamines. Ephedrines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 50 – 55. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
25. Filimon, I., Praisler, M., Dima, D., Dobre, M., Danila, E., Monitoring of three major air pollutants and of their impact on the incidence of respiratory diseases in humans in Galati (Romania) urban area, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 56 – 62. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
26. Paduraru, N., Gosav, S., Praisler, M., Pharmacological action of flavonoids – an overview, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 63 – 73. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
27. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Agglomerative clustering system designed for the detection of the geographical origin of dill, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 80 – 85. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
28. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Automatic identification of vegetables based on hierarchical cluster analysis: mushrooms, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 86 – 91. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
29. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Identification of the origin of vegetables based on Artificial Neural Networks, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI (XXXVII) 2014, No. 1, p. 110 – 115. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
30. Filimon, I., Praisler, M., Dima, D., Monitoring of the annual average concentrations of major air pollutants in Galati area through the national network for air quality monitoring system, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year V (XXXVI) 2013, No. 2, p. 243 – 248. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
31. Ciochină, S., Praisler, M., Optimized detection of amphetamines based on principal component analysis, *Annals of Constanta Maritime University, Year XIV, 19 (2013) 223-230, Ed. Nautica, Constanța, ISSN 1582 – 3601. <http://web.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=15823601&AN=89546060&h=0CvWaZW0N04WACLOFHJVWfCZeZDOhpRhCFBRScEAnrcWXX1Z3%2bdMO8cdauPHSZ8x15WjnbdlJL9GcSCqXHqAbg%3d%3d&crI=c>*
32. Praisler, M., Ciochina, S., Selective amplifier used for the efficient detection of amphetamines, *Annals of Constanta Maritime University, Year XIV, 19 (2013) 231-235, Ed. Nautica, Constanța, ISSN 1582 – 3601. <http://web.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=15823601&AN=89546061&h=%2fGQyTpO3rCMvxuOKFC777Bms1BoHp7ncEmJd2V2JX6k8Q%2bt4XLVqvUGTPZ5I6dqseLYJLhmrqLVluQkoSMf0Q%3d%3d&crI=c>*
33. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Chemometrical method designed for the automatic identification of mushrooms, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year V (XXXVI) 2013, Nos. 1-2, p. 32 – 39. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
34. Ciochina, S., Praisler, M., Cluster analysis applied for the discrimination of illicit amphetamines, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year V (XXXVI) 2013, Nos. 1-2, p. 60 – 67. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*
35. Praisler, M., Ciochina, S., Detection of illegal amphetamines based on Principal Component Analysis and Discriminant Analysis, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year V (XXXVI) 2013, Nos. 1-2, p. 68 – 75. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)*

36. Filimon, I., Praisler, M., Dima, D., Moraru, L., Danila, E., Establishing specific air quality indices in Galati, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II*, Year V (XXXVI) 2013, Nos. 1-2 , p. 82 – 89. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
37. Lazar Popovici, E., Praisler, M., Musat, M. M., Assessment of Corect Body Posture for the Ergonomic Design in Industrial Settings, *Journal of Engineering Studies and Research* 18 / 2 (2012) 46-49. <http://pubs.ub.ro/?pg=revues&rev=jesr>
38. Dumitru, M., Praisler, M., Rebegea, L., Firescu, D., Multiple Regression Predicting Lung Cancer Based on Risk Factors – A Case Study for the Industry, *Journal of Engineering Studies and Research* 18 / 1 (2012) 85-88. <http://pubs.ub.ro/?pg=revues&rev=jesr>

#### LUCRARE CITATA IN

1	Rebegea, L., Voinescu, D. C., Gurau, G., Dobre, M., Stefanescu, V., Dumitru, M., Predicting risk factors for lung cancer in patients who work in industry, <i>Annals of "Dunarea de Jos" University of Galati, Fascicle XVII</i> , 2014, No. 2 , p. 65 – 70. ISSN 2067-2071 <a href="http://www.med.ugal.ro/2_2014_f/art%2012.pdf">http://www.med.ugal.ro/2_2014_f/art%2012.pdf</a>
---	---

39. Teuşdea, A., Praisler, M., Pattern recognition of amphetamines FT-IR spectra with modified phase – input Fourier correlation, *Annals of the West University of Timisoara, Physics Series* 55 (2011) 70-76. [http://www.physics.uvt.ro/anale\\_uvt\\_fizica/articles/v55/12\\_teusdea\\_70\\_76.pdf](http://www.physics.uvt.ro/anale_uvt_fizica/articles/v55/12_teusdea_70_76.pdf)
40. Lazar Popovici, E., Praisler, M., Musat, M.M., Biomechanical Evaluation of Mobility Strength for Mentally Deficient Children, *Journal of Engineering Studies and Research* 17 / 4 (2011) 85-88. <http://pubs.ub.ro/?pg=revues&rev=jesr>
41. Domnisoru, D., Praisler, M., Identification Method Based on Principal Components Analysis Applied to ATR-FTIR Spectra of Ceramic Materials, *Annals of the University "Dunărea de Jos" of Galați, (Mathematics, Physics, Chemistry, Informatics), Fascicle II*, Year III (XXXIV) (2011) 127-136. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
42. Domnisoru, D., Praisler, M., PCA Characterization of Ceramic Materials Based on their Raman Spectra, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year III (XXXIV) (2011) 137-144. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
43. Ciochina, S., Praisler, M., Comparative Analysis of Smoothing Filters Used for GC -FTIR Spectra Processing, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year III (XXXIV) (2011) 145-149. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
44. Ciochina, S., Praisler, M., Bennefits of the Analysis of Complex GC – FTIR Spectra Based on their First and Second Derivative, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year III (XXXIV) (2011) 150-153. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
45. Boldea, D.-A., Praisler, M., Quaranta, M., Mazzeo, R., Cucuteni Pottery Characterisation By ATR-FTIR Spectroscopy in the Range 4000-100 cm<sup>-1</sup>, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year III (XXXIV) (2011) 154-161. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
46. Boldea, D.-A., Praisler, M., Quaranta, M., Catelli, E., Mazzeo, R., Pigment Based Identification of Ancient Ceramics by μATR-FTIR Spectroscopy, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year III (XXXIV) (2011) 162-166. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
47. Ciochina, S., Praisler, M., Smoothing method applied for GC – FTIR spectra procesing, *Annals of "Dunarea de Jos" University of Galati, Fascicle IX (Metallurgy and Materials Science)* 1 (2011) 275-277. ISSN 1453-083X, <http://www.fimm.ugal.ro/new/index.php/annals/the-journal>
48. Teuşdea, A., Praisler, M., Gabor, G., Amphetamines FTIR Spectra Discrimination with Phase-Input Fourier Correlation, *Journal of Computer Science and Control Systems* 4/1 (2011)199-202. <http://electroinf.uoradea.ro/reviste%20CSCS/volumes/JCSCS%202011%20Vol%204%20Nr%201%20FULL.pdf>
49. Musat, C. L., Pacurar, A., Praisler, M., Coman, M., Study on the Correlations Between Certain Functional Indices and the Conditional Motor Skills on Age Groups in Athletes, *Journal of Physical Education and Sport* 29 / 4 (2010) 90 – 93. <http://www.efsupit.ro/images/stories/imgs/JPES/2010/4/Microsoft%20Word%20-%202015%20macheta.pdf>
50. A. Ene, N. Tigau, M. Praisler, L. Moraru, Principal component analysis of physico-chemical parameters of river water, *Annals Univ. Dunarea de Jos Galati, Fasc. II*. 33-1 (2010) 130-135.

#### LUCRARE CITATA IN

1	Prakash, K. L., Ravikumar, P., Kumar, V. N., Footprint of Ground Water Quality in Bangarpet Taluk of South-Eastern Karnataka, India, <i>Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences</i> 5-1 (2019) 500 DOI: 10.26479/2019.0501.43 ISSN 2454-6348 <a href="http://www.rjlbpcs.com/article-pdf-downloads/2019/24/499.pdf">http://www.rjlbpcs.com/article-pdf-downloads/2019/24/499.pdf</a>
2	Zigde, M. Tsegaye, E., Multivariate Analysis of water Quality and Identification of Potential Pollution Sources of Lake Hawasa, Ethiopia, <i>Elixir Pollution</i> 126 (2019) 52424-52429. ISSN 2229-712X <a href="https://www.elixirpublishers.com/articles/1546946641_ELIXIR2018126404.pdf">https://www.elixirpublishers.com/articles/1546946641_ELIXIR2018126404.pdf</a>
3	Spanos, T., Ene, A., Xatzixristou, C., Papaioannou, A., Assessment of Groundwater Quality and Hydrogeological Profile of Kavala Area, Northern Greece, <i>Romanian Journal of Physics</i> 60 7-8 (2015) 1139 – 1150. ISSN: 1221-146X; ISI Impact factor 1.398 (2015) <a href="http://www.nipne.ro/rjp/accpaps/029-Spanos_72594D.pdf">http://www.nipne.ro/rjp/accpaps/029-Spanos_72594D.pdf</a>

51. Murariu, G., Praisler, M., Stoian, I., Numerical Simulation for Charges Flow Assessment Using Fluent Platform, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galati, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.121-125. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

#### LUCRARE CITATA IN

1	Vele, D., Alexe, M., Stoian, I., The Usage of Technologies in Terrestrial Measurements for Hazard Maps, <i>Analele</i>
---	--

52. Murariu, G., Praisler, M., Stoian, I., Toward A Grid Technology Based On Numerical Computation With Fluent Platform, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 143-147. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

**LUCRARE CITATA IN**

1	Vele, D., Alexe, M., Stoian, I., The Usage of Technologies in Terrestrial Measurements for Hazard Maps, <i>Analele Universității din Oradea– Seria Geografie</i> , Year XXV, no. 2/2015 (December), pp. 157-167. Article no. 252103-671 ISSN 1454-2749, E-ISSN 2065-1619 <a href="http://geografie-uradea.ro/Reviste/Anale/Art/2015-2/3.AUOG_671_Alexe.pdf">http://geografie-uradea.ro/Reviste/Anale/Art/2015-2/3.AUOG_671_Alexe.pdf</a>
---	---

53. Domnisoru, D., Praisler, M., Chemometrical Analysis Of Pores Characteristics For Ancient Ceramics, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 161-169. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

54. Domnisoru, D., Praisler, M., FTIR Spectroscopic Methods Applied for the Characterisation and Identification of Ceramic Materials", *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.170-180. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

55. Gosav, S., Praisler, M., ANN System For The Identification Of Illicit Amphetamines Using Molecular Descriptors Database, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 275-280. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

56. Bike Mbah, J. B., Dinica, R., Kamga, R., Praisler, M., Adsorption of Pigments and Free Fatty Acid From Shea Butter on Active Carbon From Palm Nut Hull, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.286-293. ISSN 2067-2071  
[http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

57. Bike Mbah, J. B., Dinica, R., Kamga, R., Praisler, M., Valorization of A Lignocellulosic Residue In Activated Carbon for the Discolouration of Palm Oil: Example of The Palm Nut Hull, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 294-300. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

58. Bike Mbah, J. B., Nguetnkam, J. P., Dinica, R., Gheorghies, C., Kamga, R., Praisler, M., Bleaching Study Of Shea Butter By A Cameroonian Clay: Influence Of Clay Fraction, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 467-472. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

59. Dumitru, M., Praisler, M., Rebegea Paraschiv, L., Craita, D., Area Dosimetric Measurements. Correlations With Co-60 Decay. The Activity Of The Radiotherapy Department Of Clinic Emergency Hospital "St. Andrew" Galați, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 476-481. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

60. Dumitru, M., Praisler, M., Rebegea Paraschiv, L., Collimator Factor Measurement For The Radiotherapy Equipment Theratron Elite 100. Comparison With Teoretic Values, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.482-484. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

61. Rebegea Paraschiv, L., Dumitru, M., Firescu, D., Ionita, M., Praisler, M., Lung Cancer Radiotherapy in the Emergency Clinical Hospital of Galați Between 2005 and 2006, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.485-498. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

62. Popovici, E., Praisler, M., Musat, M. M., Integration and social adaptation of children with mental problems through physical therapy and physical education, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p. 512-514. ISSN 2067-2071  
[http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

63. Popovici, E., Praisler, M., Movement Therapy Programs for Children, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year III 2009, *Proceedings of the 1<sup>st</sup> International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP1)*, Galați, November 28<sup>th</sup>-29<sup>th</sup>, 2009, p.515-518. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

64. Praisler, M., Coman, M., Musat, C. L., Tutunaru, D., Histological Study on Medicinal Plants Influence on Asthma, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Year II (XXXII) 2009, p. 90-93. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
65. Praisler, M., Iordăchescu, G., Variable selection for the chemometrical determination of the UMAMI Taste of Various Vegetables, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 2009, Proceedings of the Scientific Workshop Session, Doctoral School of Applied Sciences, Galați, June 4-5, 2009, pp 519-523. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
66. Szendrei, F., Moraru, L., Praisler, M., Microstructural Characterization of Ancient Ceramics, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 2009, Proceedings of the Scientific Workshop Session, Doctoral School of Applied Sciences, Galați, June 4-5, 2009, pp 7-13. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
67. Praisler, M., Domnisoru, D., Moraru, L., Chemometric Analysis of Pores Characteristics for Ancient Ceramics, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 2009, Proceedings of the Scientific Workshop Session, Doctoral School of Applied Sciences, Galați, June 4-5, 2009, pp 19-27. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
68. Popovici, E., Praisler, M., The Physical Bases of Medical Imagery and Ultrasonography, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 2009, Proceedings of the Scientific Workshop Session, Doctoral School of Applied Sciences, Galați, June 4-5, 2009, pp 61-64. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
69. Dumitru, M., Praisler, M., Rebegea Paraschiv, L., Advantages and Limits of the Imagistical Investigations Methods: CT, PET, PET-CT, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 2009, Proceedings of the Scientific Workshop Session, Doctoral School of Applied Sciences, Galați, June 4-5, 2009, pp 119-126. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)
70. Szendrei, F., Moraru, L., Praisler, M., A NDT technique for mechanical characterization of ancient ceramic materials with porous structure, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Supplement, Year II (XXXII) 32-2 (2009) 119-126. ISSN 2067-2071, [http://www.phys.ugal.ro/Annals\\_Fascicle\\_2](http://www.phys.ugal.ro/Annals_Fascicle_2)

#### LUCRARE CITATA IN

1	Moraru, L., Szendrei, F., Structural Features of Archaeological Pottery, <i>Journal of Engineering Studies and Research</i> 17-4 (2011) 73-78. <a href="file:///C:/Users/MIRELA/Downloads/JESR201104V17S01A0010.pdf">file:///C:/Users/MIRELA/Downloads/JESR201104V17S01A0010.pdf</a>
---	--

71. Gosav, S., Praisler, M., Identificarea automata a amfetaminelor cu rețele neuronale artificiale – studiu comparativ, *Buletinul AGIR*, Anul XIII 3 (2008) 12-16. ISSN 1224-7928.
72. Dumitru, M., Praisler, M., Rebegea, L., Biologically-Effective Dose Semnifications and Clinical Applications, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, XXXI (2008) - *Proceedings of the Fourth National Conference on Applied Physics*, Galați, September 25-26, 2008, pag. 13-16, ISSN: 1221 - 4531.
73. Dumitru, M., Praisler, M., Rebegea, L., Biological Effects and Protection Against Ionizing Radiations, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, (2008) - *Proceedings of the Fourth National Conference on Applied Physics*, Galați, September 25-26, 2008, pag. 80-85, ISSN: 1221 - 4531.
74. Dodehe, Y., Dinica, R., Furdui, B., Praisler, M., TLC and UV/VIS Identification of Flavonoids from *Anona Senegalensis* Leaves, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, XXXI (2008), pag. 77-79, ISSN: 1221 - 4531.
75. Gosav, S., Praisler, M., Artificial Neural Networks Built for the Recognition of Illicit Amphetamines Using a Concatenated Database, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, XXXI (2008) 150-155. ISSN: 1221 - 4531.

#### LUCRARE CITATA IN

1	Li, R., Guan, Q., Merchant, J., A geospatial modeling framework for assessing biofuels-related land-use and land-cover change, <i>Agriculture, Ecosystems &amp; Environment</i> 161 (2012)17–26. DOI: 10.1016/j.agee.2012.07.014 ISSN: 0167-8809, Impact factor: 2.859 (2012) <a href="http://www.sciencedirect.com.ux4ll8xu6v.useaccesscontrol.com/science/article/pii/S0167880912002745">http://www.sciencedirect.com.ux4ll8xu6v.useaccesscontrol.com/science/article/pii/S0167880912002745</a>
---	---

76. Musat, L. C., Nechita, A., Praisler, M., Hincu, M., Mehedinti, R., Coman, M., Mehedinti, T., Effects of Ultraviolet Radiations on the Tegument, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, XXV (2007) 7-12, ISSN: 1221 - 4531.
77. Dorhoi, D.O., Gosav, S., Praisler, M., Internal Coordinates in Describing the Vibrations of the Molecules Belonging to  $D_{3h}$  Point Group, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Proceedings Supplement of the Third National Conference on Applied Physics, June 15-16, 2007, Galați, Romania; Fascicula II (Mathematics, Physics, Chemistry and Informatics), XXV (2007) 21-24, ISSN: 1221 - 4531.
78. Gosav, S., Praisler, M., Popa, Ghe., Exploratory analysis for the identification of amphetamines using neural networks and GC-MS, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Chemistry, Informatics)*, Proceedings Supplement of the Third National Conference on Applied Physics, June 15-16, 2007, Galați, Romania; Fascicula II (Mathematics, Physics, Chemistry and Informatics), XXV (2007) 51-60, ISSN: 1221 - 4531.
79. Gosav, S., Praisler, M., Dinica, R., Popa, Ghe., 3D-MoRSE descriptors and artificial neural networks – a successful identification method for illicit amphetamines, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* (2006) 67-71. ISSN: 1221 - 4531.



80. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., ANN Identification of Illicit Amphetamines Using Constitutional Descriptors, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics) Supliment* (2005) 181-188, ISSN: 1221 - 4531.
81. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., Automated Classification of Amphetamines Using ANN and Topological Descriptors, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics) Supliment* (2005) 189-196, ISSN: 1221 - 4531.
82. Gosav, S., Praisler, M., Hierarchical analysis of amphetamines by coupling neural networks with principal component analysis, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* (2003) 155-167. ISSN: 1221 - 4531.
83. Gosav, S., Praisler, M., Spectroscopic analysis of a hierarchical system of neural networks, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* (2003) 171-176. ISSN: 1221 - 4531.
84. Praisler, M., Gosav, S., Exploratory analysis for the identification of amphetamines using neural networks and GC-FTIR data, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* (2002) 83-95. ISSN: 1221 - 4531.

#### LUCRARE CITATA IN

1	Zatirostami, A., Muminov, K., Kholov, A., Probing the Nature of Annealing Silicon Carbide Samples for Solar Cell, <i>Journal of Applied Chemical Research</i> 7-4 (2013) 7-13. <a href="http://jacr.kiau.ac.ir/archive/vol7no4/1.pdf">http://jacr.kiau.ac.ir/archive/vol7no4/1.pdf</a>
---	--

85. Praisler, M., Gosav, S., Training set analysis for neural network systems classifying GC-FTIR spectra of amphetamines, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* (2002) 97-110, ISSN: 1221 - 4531.
86. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D. L., Structural Identification of Sympathomimetic Amines with GC-FTIR Spectroscopy, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XIX (2001) 21-30. ISSN: 1221 - 4531.
87. Praisler, M., Van Bocxlaer, J., De Leenheer, A., Massart, D. L., Multivariate Determination of the Length of the Side Chain of Illicit Amphetamine Analogues with GC-FTIR Spectra, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XVIII (2000) 93-100, ISSN: 1221 - 4531.
88. Praisler, M., Wavenumber Shift Measurement for Isolated IR Bands with Gaussian Profile, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XV (1997) 47-55. ISSN: 1221 - 4531.
89. Praisler, M., Wavenumber Shift Measurement Criterion for Computerized Spectral Library Search, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XIV (1996) 33-40. ISSN: 1221 - 4531.
90. Praisler, M., Iova, I., Study of Organic Substances Polymorphism through Spectro- Thermal Correlations, *Journal of Optoelectronics and Advanced Materials* (former *Journal of Optoelectronics*) 2 (1995) 23-26. ISSN 1454-4164
91. Praisler, M., Iova, I., The Evaluation of the Radiochemical Stability by Infrared Spectroscopy, *Romanian Journal of Physics*, 10 (1995) 1013-1017, ISSN 1221-146X.
92. Iova, I., Praisler, M., Prelucrarea numerica a spectrelor IR obtinute in spectroscopia prin transformata Fourier, *Journal of Optoelectronics and Advanced Materials* (former *Journal of Optoelectronics*) 3 (1994) 17-22. ISSN 1454-4164
93. Praisler, M., Iova, I., Evidence of the Polymorphism of the Drug Substance *Trimetoprim* by Spectral Correlations, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XII (1994) 45-49. ISSN: 1221 - 4531.
94. Praisler, M., Iova, I., The Influence of External Physical Factors on the Precision of the FT-IR Dosage, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XII (1994) 51-58. ISSN: 1221 - 4531.
95. Praisler, M., Colin, R., The Assignment of *Chlordiazepoxide N-oxide* Structure by FTIR Spectroscopy, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XI (1993) 55-63, ISSN: 1221 - 4531.
96. Praisler, M., Vander Auwera, J., Colin, R., Chlordiazepoxide. Drug Dosage by FTIR Spectroscopy, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* XI (1993) 64-70, ISSN: 1221 - 4531.
97. Praisler Stoica, M., Alexe, S., Dozari prin spectroscopie in infrarosu ale unor substante organice. Prelucrarea numerica a determinarilor cantitative prin metoda liniei de baza, *Revista de Chimie* 43 (1992) 167-170. ISSN 0034-7752
98. Praisler Stoica, M., Cosofret, V., Methode de controle de la purite dans la synthese du salicylate de 8-hydroxyquinoline (oxine) par spectroscopie en infrarouge, *Annals of the "Dunărea de Jos" University of Galați, Fascicle II (Mathematics, Physics, Theoretical Mechanics)* VII (1989) 33-37. ISSN: 1221 - 4531.
99. Capriou, R., Praisler Stoica, M., Tanase, A., Georgescu, D., Characterization of calcium 2,5-dihydroxybenzenesulfonate (calcium dobesilate) by thermal analysis, *Revista de Chimie* 39 (1988) 528-530. ISSN 0034-7752

#### i. LUCRARE CITATA IN

1	Farsa, O., <i>Chapter 16 - Calcium Dobesilate in Prevention and Treatment of Diabetic Retinopathy</i> , p. 305-330, in M. Shamsul Ola (ed.), <i>Diabetic Retinopathy</i> , 2012, CC BY 3.0 license. ISBN 978-953-51-0044-7 DOI: 10.5772/32131 <a href="http://cdn.intechopen.com/pdfs-wm/29199.pdf">http://cdn.intechopen.com/pdfs-wm/29199.pdf</a>
2	Lu, J.-R., Synthesis and structural analysis of calcium dobesilate monohydrate, <i>The Chinese Journal of Modern Applied Pharmacy</i> 22-2 (2005) 124-126. <a href="http://en.cnki.com.cn/Article_en/CJFDTOTAL-XDYD20050200C.htm">http://en.cnki.com.cn/Article_en/CJFDTOTAL-XDYD20050200C.htm</a>

100. Praisler, G., Ioan, A., Georgescu, L., Praisler Stoica, M., Experimental Determination of the Shear Stress Distribution in the Transversal Section of the Tankers with Two Longitudinal Bulkheads, *Annals of the "Dunărea de Jos" University of Galați, Fascicle IV (Naval Architecture and Design) V-VI (1987-1989) 15-22*. ISSN: 1221 - 4531.
101. Praisler Stoica, M., Cosofret, V., Determination of the Bencyclan Fumarate in the Bencyclan Maleate-Fumarate by Differential Quantitative Infrared Spectroscopy, *Revista de Chimie* 38 (1987) 1128-1131. ISSN 0034-7752

## **(g) ARTICOLE PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE NĂȚIONALE**

1. Ion, A., Gosav, S., Praisler, M., Theoretical investigation of the 3,4-methylenedioxypropylvalerone designer drug, *Book of abstracts SCDS-UDJG 2020*, 8th Edition, 18 - 19 June 2020, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
2. Negoita, C., Praisler, M., Evaluation of the accuracy in classifying synthetic hallucinogens based on the Random Forest Model, *Book of abstracts SCDS-UDJG 2020*, 8th Edition, 18 - 19 June 2020, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
3. Ion, A., Gosav, S., Praisler, M., Improved architecture of ANN system designed to identify NBOMe hallucinogens based on topological descriptors, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
4. Ion, A., Gosav, S., Praisler, M., Choosing relevant functional groups for optimizing Artificial Neural Networks detecting NBOMe hallucinogens, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
5. Coman Rindunica, M. M., Gosav, S., Praisler, M., Analysis of the toxicological activity of the main JWH synthetic cannabinoids starting from cannabis (THC), *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
6. Coman Rindunica, M. M., Gosav, S., Praisler, M., Artificial Neural Networks detecting JWH synthetic cannabinoids based on structural descriptors: a comparative study, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
7. Negoita, C., Praisler, M., Improving the classification accuracy of psychedelic amphetamines based on the use of Stochastic Descendant Gradient, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
8. Negoita, C., Praisler, M., Combining Bootstrap Aggregation and Random Forest Algorithms for refining the automated detection of psychedelic amphetamines, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
9. Coman, M., Negoita, C., Praisler, M., Improving the classification accuracy of synthetic cannabinoids by combining evolutionary and classification algorithms, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
10. Coman, M., Negoita, C., Praisler, M., Automated detection of synthetic cannabinoids based on Genetic Algorithms and Partial Least Square Regression, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
11. Praisler, M., Ciochina, S., Pattern recognition analysis of the class identity recognition efficiency of a portable laser infrared sensor detecting amphetamines and their main precursors, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
12. Ciochina, S., Praisler, M., Chemometric application operating a portable laser infrared sensor detecting illicit phenethylamines, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
13. Amboyi, G. S. A., Gouollaly, T., Andzi-Barhé, T., Dinica, R., Praisler, M., Evaluation of antioxidant activity and determination of total polyphenols and flavonoids of leaf extracts of *Dischistocalyx hirsutus* C. B. Clarke, *Book of abstracts SCDS-UDJG 2019*, 7th Edition, 13 - 14 June 2019, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
14. Ciochină, S., Praisler, M., Artificial intelligence application combining classification trees, discriminant analysis and naive Bayes classifier for detecting substances prone to be abused, *Simpozionul științific - Departamentul de Matematica și Informatică UDJG 2018*, Decembrie 2018, Galați, Romania.
15. Praisler, M., Ciochina, S., Comparative assessment of the modeling and discrimination power of two pattern recognition methods applied to detect designer drugs, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
16. Ciochina, S., Praisler, M., Detecting phenethylamines according to their pharmacological activity, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
17. Ciochina, S., Praisler, M., Naive Bayesian classifier detecting phenethylamines based on their vibrational spectra and associated eigenvalues, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>
18. Negoita, C., Praisler, M., Evolutionary algorithm applied for improving the accuracy of the automated detection of psychedelic amphetamines, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galați, Romania. <http://www.cssd-udjg.ugal.ro/>

19. Negoita, C., Praisler, M., Parameter fine-tuning for improving Partial Least Squares Regression models built for the automated recognition of psychedelic amphetamines, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
20. Coman, M. M., Gosav, S., Praisler, M., Study regarding the toxicological activity of some JWH synthetic cannabinoids, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
21. Gosav, S., Coman, M. M., Praisler, M., QSAR model based on molecular descriptors built to predict the CB1 binding affinity of JWH cannabinoids, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
22. Gosav, S., Ion, A., Praisler, M., Artificial neural network designed to identify NBOMe hallucinogens based on molecular descriptors, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
23. Ion, A., Gosav, S., Praisler, M., Importance and sensitivity criteria applied to improve the efficiency of an ANN system detecting NBOMe hallucinogens, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
24. Coman, M., Praisler, M., Pattern recognition method applied for the detection of cannabinoids, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
25. Coman, M., Praisler, M., Analytical and multivariate data processing methods applied for the identification of synthetic cannabinoids: an overview, *Book of abstracts SCDS-UDJG 2018*, 6th Edition, 7 - 8 June 2018, Galati, Romania. <http://www.cssd-udjg.ugal.ro/>
26. Praisler, M., An Integrated Approach For Detecting Designer Drugs And Their Precursors, *Creșterea relevanței învățământului universitar tehnic în relație cu dezvoltarea industrială regională*, 10 May 2018, Galati, Romania.
27. Praisler, M., Ciocina, S., Automated Detection of Misused Pharmaceuticals: Amphetamine-Type Stimulants, *Creșterea relevanței învățământului universitar tehnic în relație cu dezvoltarea industrială regională*, 10 May 2018, Galati, Romania.
28. Ciocina, S., Praisler, M., Effective Law Enforcement Tool: Illegal Central Nervous System Stimulants, *Creșterea relevanței învățământului universitar tehnic în relație cu dezvoltarea industrială regională*, 10 May 2018, Galati, Romania.
29. Praisler, M., Ciocina, S., Hierarchical Cluster Analysis or Naive Bayes Classifier: which is best detecting illicit phenethylamines? *Workshop National Creșterea Relevanței Învățământului Universitar Tehnic in Relație cu Dezvoltarea Industrială Regională*, 24 Noiembrie 2017, Galati, Romania. ISBN 978-606-696-098-4  
[http://www.ing.ugal.ro/Resurse/PagInii/IM\\_Program\\_workshop.pdf](http://www.ing.ugal.ro/Resurse/PagInii/IM_Program_workshop.pdf)
30. Ciocina, S., Praisler, M., Detecting controlled phenethylamines based on preprocessed GC-IRAS spectra obtained with a new portable GC-IRAS laser scanner, *Workshop National Creșterea Relevanței Învățământului Universitar Tehnic in Relație cu Dezvoltarea Industrială Regională*, 24 Noiembrie 2017, Galati, Romania. ISBN 978-606-696-098-4  
[http://www.ing.ugal.ro/Resurse/PagInii/IM\\_Program\\_workshop.pdf](http://www.ing.ugal.ro/Resurse/PagInii/IM_Program_workshop.pdf)
31. Negoita, C., Praisler, M., Automatic detection of 2C-x and DOx hallucinogenic amphetamines based on genetic algorithms and ATR-FTIR spectroscopy, *Workshop National Creșterea Relevanței Învățământului Universitar Tehnic in Relație cu Dezvoltarea Industrială Regională*, 24 Noiembrie 2017, Galati, Romania. ISBN 978-606-696-098-4  
[http://www.ing.ugal.ro/Resurse/PagInii/IM\\_Program\\_workshop.pdf](http://www.ing.ugal.ro/Resurse/PagInii/IM_Program_workshop.pdf)
32. Ciocina, S., Praisler, M., Combining the Naive Bayesian Classifier and Principal Component Analysis for an intelligent detection of controlled phenethylamines, *Simpozionul științific - Departamentul de Matematica si Informatica UDJG 2017*, Noiembrie 2017, Galati, Romania.
33. Praisler, M., Chemometrics Applied for Traceability Studies, **Plenary presentation**, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p.20. <http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
34. Praisler, M., Ciocina, S., Combining PCA and Agglomerative Clustering: a Solution for the Automatic Recognition of Amphetamines, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p.56.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
35. Ciocina, S., Praisler, M., Choosing the Appropriate Distance Measure for Improving the Accuracy of Agglomerative Clustering: Amphetamines, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania p. 57.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
36. Coman, M., Praisler, M., Physico-chemical and Vibrational Characterization of Structurally Related Schedule In Synthetic Cannabinoids, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania p.57.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
37. Coman, M.-M., Praisler, M., ATR-FTIR Characterization of Huffman Synthetic Cannabinoids, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p. 58. <http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
38. Ion, A., Praisler, M., Vibrational Analysis of new Hallucinogenic Amphetamines based on ATR-FTIR Spectra, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p. 59.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
39. Negoita, C., Praisler, M., Identification of Functional Groups in the ATR-FTIR Spectra of 2C-x and DOx Amphetamine Analogues, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p. 59.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
40. Negoita, C., Praisler, M., Detection of Illicit Amphetamines Performed with Artificial Neural Networks (ANN) Running on Small Scale Portable Hardware with Custom Embedded Operating System, *Book of abstracts CSSD-UDJG 2017*, 5th Edition, 8 - 9 June 2017, Galati, Romania, p. 60. <http://www.cssd-udjg.ugal.ro/index.php/abstracts-2017>
41. Praisler, M., Artificial Intelligence Applied for the Detection and Identification of Drugs of Abuse, **Plenary presentation**, *Book of abstracts CSSD-UDJG 2016*, 4th Edition, 2 - 3 June 2016, Galati, Romania, pp. 18-19.  
<http://www.cssd-udjg.ugal.ro/index.php/abstracts>

42. Gosav, S., Paduraru, N., Praisler, M., Comparison of DFT methods applied for the optimization of the molecular structure of 3-(N-morpholinyl carbodithioate)-2-(4-methoxyphenyl)chroman-4-one, *Book of abstracts CSSD-UDJG 2016*, 4th Edition, 2 - 3 June 2016, Galati, Romania, pp.52. <http://www.cssd-udjg.ugal.ro/index.php/abstracts>
43. Paduraru, N., Gosav, S., Praisler, M., Density functional computations of the vibrational spectrum and some molecular properties of 3-(N-morpholinyl carbodithioate)-2-(4-methoxyphenyl)chroman-4-one, *Book of abstracts CSSD-UDJG 2016*, 4th Edition, 2 - 3 June 2016, Galati, Romania, pp.52-53. <http://www.cssd-udjg.ugal.ro/index.php/abstracts>
44. Praisler, M., A. Mandru, Paduraru, N., Automatic identification of the main precursors of amphetamines based on their molecular properties, *Book of abstracts CSSD-UDJG 2016*, 4th Edition, 2 - 3 June 2016, Galati, Romania, pp.50. <http://www.cssd-udjg.ugal.ro/index.php/abstracts>
45. Praisler, M., A. Mandru, Paduraru, N., Artificial intelligence system designed to detect ergogenic aids based on their molecular properties, *Book of abstracts CSSD-UDJG 2016*, 4th Edition, 2 - 3 June 2016, Galati, Romania, pp.50. <http://www.cssd-udjg.ugal.ro/index.php/abstracts>
46. Paduraru, N., Gosav, S., Praisler, M., Study of Some Flavonoids Active Against HT-29 Human Cancer Cells using Principal Component Analysis and Molecular Descriptors, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.84. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
47. Paduraru, N., Gosav, S., Praisler, M., Modeling of Anticancer Activity of Flavonoids based on Multiple Linear Regression, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.84. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
48. Filimon, I., Danila, E., Dobre, M., Danila, A., Praisler, M., Dima, D., Specific health status as an indicator of air quality, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.82. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
49. Filimon, I., Praisler, M., Dima, D., Danila, E., Dobre, M., Comparative study on seasonal variation and annual average concentration recorded for Galati, Constanta and Brasov city (Romania) according to different geo-climatic factors, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.164. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
50. Filimon, I., Praisler, M., Dima, D., Danila, E., Dobre, M., Seasonal and annual variation of the concentration of the main air pollutant for the cities of Galati, Iasi and Bacau (Romania) between 2008 and 2012, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.165. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
51. Condurache-Bota, S., Constantinescu, C., Praisler, M., Tigau, N., The influence of the substrate temperature on the structure and on the optical energy bandgap of bismuth oxide thin films prepared by pulsed laser deposition, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.150. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
52. Condurache-Bota, S., Tiron, V., Praisler, M., Highly transparent bismuth oxide thin films deposition: morphology – optical properties correlation studies, *Book of abstracts CSSD-UDJG 2015*, Third Edition, 4 - 5 June 2015, Galati, Romania, p.151. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
53. Constantin Ghinita, S., Praisler, M., Identificarea originii vegetalelor cu ajutorul rețelilor neuronale artificiale, *Book of abstracts, Simpozionul International "Universul stiintelor" - Editia a V-a, Iasi, 7 Septembrie 2014*.
54. Ciocina, S., Praisler, M., Pattern recognition methods operating a portable hollow fiber spectrometer detecting amphetamine type stimulants (ATS), *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
55. Condurache-Bota, S., Praisler, M., Goldner Constantinescu, C., Gavrilă, R., Țigău, N., Gheorghieș, C., Laser ablation versus vacuum evaporation for crystalline bismuth oxide thin films preparation, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
56. Condurache-Bota, S., Praisler, M., Constantinescu, C., Țigău, N., Murariu, G., Kramers-Kronig method applied for thin films of bismuth oxide prepared by PLD, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
57. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Agglomerative clustering system designed for the detection of the geographical origin of dill, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
58. Constantin Ghinita, S., Praisler, M., Iordăchescu, G., Automatic identification of vegetables based on hierarchical cluster analysis: mushrooms, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
59. Cioara, L., Praisler, M., Vibrational characterization of the molecular structure of the main precursors of amphetamines. Ephedrines, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
60. Paduraru, N., Gosav, S., Praisler, M., Pharmacological action of flavonoids – an overview, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
61. Filimon, I., Praisler, M., Dima, D., Dobre, M., Danila, E., Monitoring of three major air pollutants and of their impact on the incidence of respiratory diseases in humans in Galati (Romania) urban area, *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>
62. Filimon, I., Praisler, M., Dima, D., Dobre, M., Danila, E., Quantitative assessment of the impact of the main air pollutants on the health of children in the urban population of Galati (Romania), *Book of abstracts CSSD-UDJG 2014*, Second Edition, 15 - 16 May 2014, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php?edition=2014&lang=ro>

63. Constantin, S., Praisler, M., Iordăchescu, G., Chemometrical method designed for the automatic identification of mushrooms, *Book of abstracts CSSD-UDJG 2013*, First Edition, 16 - 17 May 2013, Galati, Romania.
64. Ciocina, S., Praisler, M., Cluster analysis applied for the discrimination of illicit amphetamines, *Book of abstracts CSSD-UDJG 2013*, First Edition, 16 - 17 May 2013, Galati, Romania.
65. Praisler, M., Ciocina, S., Detection of illegal amphetamines based on Principal Component Analysis and Discriminant Analysis, *Book of abstracts CSSD-UDJG 2013*, First Edition, 16 - 17 May 2013, Galati, Romania.
66. Cioara, L., Praisler, M., GC-FTIR spectroscopy characterization of the main precursors of amphetamine, *Book of abstracts CSSD-UDJG 2013*, First Edition, 16 - 17 May 2013, Galati, Romania.
67. Filimon, I., Praisler, M., Dima, D., Moraru, L., Danila, E., Establishing specific air quality indices in Galati, *Book of abstracts CSSD-UDJG 2013*, First Edition, 16 - 17 May 2013, Galati, Romania.
68. Ciocina, S., Praisler, M., Ene, A., Smoothing Method Applied for GC-FTIR Spectra Processing, *New Trends in Environmental and Materials Engineering – TEME 2011*, 18 - 20 May 2011, Galati, Romania <http://www.fmet.ugal.ro/>
69. Murariu, G., Praisler, M., Recurrent Neural Network Approaching to Nonlinear Overflow Evaluation, *National Conference on Theoretical Physics NCTP – 2010*, 23 - 25 Iunie 2010, Iasi, Romania [http://www.docstoc.com/docs/37705399/National-Conference-on-Theoretical-Physics-\(NCTP-2010---fourth-edition](http://www.docstoc.com/docs/37705399/National-Conference-on-Theoretical-Physics-(NCTP-2010---fourth-edition)
70. Moraru, L., Praisler, M., Szendrei, F., Domnisoru, D., Characterisation of porous materials using ultrasonic waves, *Annual Symposium of the Institute of Solid Mechanics SISOM 2009*, Bucharest, 28 - 29 May 2009. [http://www.imsar.ro/Sisom\\_2009.pdf](http://www.imsar.ro/Sisom_2009.pdf)
71. Voiculescu, M., Echim, M., Roth, M., De Keiser, J., Murariu, G., Praisler, M., Ionospheric structures and possible connection with inner magnetosphere boundary layers, *Conferinta Nationala de Fizica*, 10 - 14 Septembrie 2008, Bucuresti, Romania.
72. Dumitru, M., Praisler, M., Rebegea, L., Biological Effects and Protection Against Radiations, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
73. Dumitru, M., Praisler, M., Rebegea, L., Biologically-Effective Dose Semnifications and Clinical Applications, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
74. Gosav, S., Praisler, M., Artificial Neural Networks Built for the Recognition of Illicit Amphetamines using a Concatenated Database, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
75. Gosav, S., Praisler, M., The Role of Selection Criteria in the Optimisation of ANN Systems Built for the Screening of Designer Drugs, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
76. Gosav, S., Praisler, M., Filip, A., The Relevance of the Molecular Descriptors for the Modeling and the Discrimination of Amphetamines, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
77. Dodehe, Y., Dinica, R., Furdui, B., Praisler, M., Extraction and Characterization of Flavonoids Leaves from *Anona Senegalensis*, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
78. Voiculescu, M., Echim, M., Roth, M., DeKeyser, J., Murariu, G., Praisler, M., Subauroral Ion Drifts: Relation to Ionospheric Troughs, *Conferinta Nationala de Fizica Aplicata*, 25 - 26 Septembrie 2008, Galati, Romania. <http://www.phys.ugal.ro/Conference2008/>
79. Praisler, M., Artificial intelligence applied for an automated identification of mixtures in drug cocktails, *Conferinta Nationala Antidrog – Editia a-III-a*, 25 - 27 Octombrie 2007, Cluj, Romania
80. Praisler, M., Intelligent Antidoping Screening System, (**prezentare orală plenară**), *Conferinta Nationala de Fizica Aplicata*, 15-16 Iunie 2007, Galati, Romania, ISBN 978-973-627-376-6
81. Gosav, S., Praisler, M., Dorohoi, D.O., Quantitative Structure-Activity Relationship for the Prediction of the Toxicity of Amphetamines Using Neural Networks, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 15 - 16 Iunie 2007, Galati, Romania, ISBN 978-973-627-376-6
82. Gosav, S., Praisler, M., Popa, Ghe., Exploratory analysis for the identification of amphetamines using neural networks and GC-MS, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 15 - 16 Iunie 2007, Galati, Romania, ISBN978-973-627-376-6
83. Dorohoi, D.O., Gosav, S., Praisler, M., Internal Coordinates in Describing the Vibrations of the Molecules Belonging to D<sub>3h</sub> Point Group, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 15 - 16 Iunie 2007, Galati, Romania, ISBN 978-973-627-376-6
84. Musat, L. C., Nechita, A., Praisler, M., Hincu, M., Mehedinti, R., Coman, M., Mehedinti, T., Effects of Ultraviolet Radiations on the Tegument, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 15 - 16 Iunie 2007, Galati, Romania, ISBN978-973-627-376-6
85. Praisler, M., Gosav, S., Popa, G., ANN and SIMCA Expert Systems Screening for Illicit Amphetamines Based on GC-FTIR Spectra. A Comparative Study, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 8 - 9 Decembrie 2006, Iasi, Romania, p. 49, ISBN (10) 973-716-442-3, (13) 978-973-716-442-1.
86. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., The Influence of the Learning Error and Training Set Sample Order on the Efficiency of Amphetamine Identification Using ANN and GC-FTIR Spectra, (**prezentare orală**), *Conferinta Nationala de Fizica Aplicata*, 8 - 9 Decembrie 2006, Iasi, Romania, p. 48, ISBN (10) 973-716-442-3, (13) 978-973-716-442-1.
87. Praisler, M., Expert systems. Artificial intelligence applied for the identification of illicit amphetamines, (**prezentare orală plenară**), *Conferinta Nationala de Fizica Aplicata*, 9 - 10 Iunie 2006, Galati, Romania, ISBN (10) 973-627-311-3, (13) 973-627-311-7.

88. Grigore, A., Praisler, M., Metode de analiză și control a materialelor metalice și aliajelor, (**prezentare orală**), Conferința Națională de Fizică Aplicată, 9 - 10 Iunie 2006, Galați, România, ISBN (10) 973-627-311-3, (13) 973-627-311-7.
89. Gosav, S., Praisler, M., Dinica, R., Popa, Ghe., 3D-MoRSE descriptors and artificial neural networks – a successful identification method for illicit amphetamines, (**prezentare orală**), Conferința Națională de Fizică Aplicată, 9 - 10 Iunie 2006, Galați, România, ISBN (10) 973-627-311-3, (13) 973-627-311-7.
90. Gosav, S., Praisler, M., Dorohoi, D.-O., Van Bocxlaer, J., The selection of the GC-FTIR absorptions relevant for artificial neural networks identifying illicit amphetamines, (**prezentare orală**), Conferința Națională de Fizică Aplicată, 9 - 10 Iunie 2006, Galați, România, ISBN (10) 973-627-311-3, (13) 973-627-311-7.
91. Dorohoi, D.-O., Gosav, S., Praisler, M., Theory of point group applied in molecular spectroscopy, (**prezentare orală**), Conferința Națională de Fizică Aplicată, 9 - 10 Iunie 2006, Galați, România, ISBN (10) 973-627-311-3, (13) 973-627-311-7.
92. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., ANN Identification of Illicit Amphetamines Using Constitutional Descriptors, (**prezentare orală**), Conferința Națională de Fizică Aplicată, 3 - 4 Iunie 2005, Galați, România.
93. Gosav, S., Praisler, M., Dorohoi, D.O., Popa, G., Automated Classification of Amphetamines Using Artificial Neural Networks and Topological Descriptors, (**prezentare orală**) Conferința Națională de Fizică Aplicată, 3 - 4 Iunie 2005, Galați, România.
94. Praisler, M., Caracterizarea spectrală a formelor polimorfe ale substanței medicamentoase *Chlordiazepoxid* (**prezentare orală**), Sesiunea științifică a Universității din Bacău, 31 Octombrie - 2 Noiembrie 1996, Bacău, p.18.
95. Praisler, M., Determinarea deplasărilor spectrale ale benzilor IR izolate de profil Gauss (**prezentare orală**), Sesiunea științifică a Universității din Bacău, 31 Octombrie - 2 Noiembrie 1996, Bacău, p.18.
96. Praisler, M., Praisler, G., Tehnici neconventionale de analiză a materialelor vascoase (**prezentare orală**), Simpozionul de Tehnologii speciale și neconventionale, 12 - 13 Octombrie 1995, Galați, p. 18-20.
97. Praisler, M., Determinarea funcției de profil a unei benzi de absorbție IR prin intermediul spectrelor diferențiale (**prezentare orală**), Simpozionul Tehnologii speciale și neconventionale, 12 - 13 Octombrie 1995, Galați, p. 24-26.
98. Praisler, M., Iova, I., Structural Analysis and Polymorphic Form Identification of the Drug Substance *Sulfametoxazol* by IR Spectroscopy, Conferința Națională de Fizică, 21 - 24 Septembrie 1994, Sibiu, p.117.
99. Praisler, M., Iova, I., Confirmation by IR Spectroscopy of the Structural Changes of *Acetazolamide* Operated for Biological Activity Modification (**prezentare orală**), Conferința Națională de Fizică, 21 - 24 Septembrie 1994, Sibiu, p.118.
100. Praisler, M., Studiul prin spectroscopie IR a unor liganzi organici captatori de metale tranzitionale toxice (**prezentare orală**), Simpozionul Pentru Sanătatea Pamantului (Ministerul Apelor, Padurilor și Protecției Mediului, Agenția de Protecție a Mediului), 2 - 3 Iunie 1994, Braila, p.21.
101. Praisler, M., Colin, R., *Chlordiazepoxid*: un studiu prin spectroscopie FTIR, Conferința Națională de Fizică, 13 - 15 Octombrie 1993, Constanța, p.24.
102. Praisler, M., Auwera, J. V., *Chlordiazepoxid*. Optimizarea dozajului FTIR al substanței medicamentoase prin metoda înălțimii corectate a benzilor de absorbție, Conferința Națională de Fizică, 13 - 15 Octombrie 1993, Constanța, p.24.
103. Praisler, M., Colin, R., Studiu comparativ al valorilor limitei de detecție a substanței medicamentoase *Chlordiazepoxid* pentru diferite metode spectroscopice FTIR (**prezentare orală**), Sesiunea de comunicări științifice consacrată aniversării a 45 de ani de învățământ superior, 28 - 29 Octombrie 1993, Universitatea din Galați, p. 7.
104. Praisler, M., Vander Auwera, J., Analiza comparativă a metodelor de studiu a cineticii *Chlordiazepoxidului* cu ajutorul spectroscopiei FTIR (**prezentare orală**), Sesiunea de comunicări științifice consacrată aniversării a 45 de ani de învățământ superior, 28 - 29 Octombrie 1993, Universitatea din Galați, p. 7.
105. Praisler, M., Iova, I., Efectul corecției prin metoda liniei de bază asupra dozării FTIR a substanței medicamentoase *Chlordiazepoxid* (**prezentare orală**), Sesiunea de comunicări științifice consacrată aniversării a 45 de ani de învățământ superior, 28 - 29 Octombrie 1993, Universitatea din Galați, p. 7.
106. Praisler, M., Iova, I., Caracterizarea unor metaboliți ai substanței medicamentoase *Chlordiazepoxid* prin spectroscopie IR (**prezentare orală**), Sesiunea de comunicări științifice consacrată aniversării a 45 de ani de învățământ superior, 28 - 29 Octombrie 1993, Universitatea din Galați, p. 7.
107. Praisler Stoica, M., Efectul distribuției neuniforme a materialului absorbant asupra măsurătorilor cantitative a intensității benzilor IR (**prezentare orală**), Sesiunea Jubiliară a 40 de ani de la înființarea Institutului Mecano-Naval, Secțiunea Matematică, Fizică și Chimie, 25 - 26 Octombrie 1991, Galați, p.9.
108. Praisler, M., Prelucrarea numerică a determinărilor cantitative în spectroscopia IR (**prezentare orală**), Manifestarea Metodico-științifică *Creativitate și Eficiență în Învățământ*, Secțiunea Fizică, Etapa Județeană, 20 - 26 Martie 1989, Galați.
109. Praisler, M., Dozarea IR a unor substanțe organice. Prelucrarea numerică a determinărilor cantitative prin metoda liniei de bază (**prezentare orală**), Manifestarea Metodico-științifică *Creativitate și Eficiență în Învățământ*, Secțiunea Fizică, Etapa Națională, 2 - 3 Iunie 1989, Iași.
110. Praisler Stoica, M., Cosofret, V., Determination of the Bencyclan Fumarate in the Bencyclan Maleate-Fumarate by Differential Quantitative Infrared spectroscopy (**prezentare orală**), Conferința *Asimilari și realizari de noi medicamente în vederea reducerii exportului* a Ministerului Industriei Chimice (MIC) și a Institutului de Cercetări Chimico-Farmaceutice, 9 - 10 Octombrie 1987, București, p.6.
111. Praisler, M., Besliu, C., Efectul Hanbury-Brown și Twiss în fizica nucleară relativistă, A 8-a Sesiune anuală de comunicări a Institutului Central de Fizică - *Progrese în Fizică*, 9 - 11 Octombrie 1986, Galați, p.818.
112. Praisler, M., Besliu, C., Corelații dipionice experimentale în ciocniri relativiste, A 8-a Sesiune anuală de comunicări a Institutului Central de Fizică - *Progrese în Fizică*, 9 - 11 Octombrie 1986, Galați, p.818.