

Publicații:

Lucrări ISI

- indexate Thomson Reuters Web of Knowledge – Web of Science (WoS)

1. **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**
2. 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**
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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) https://pubs.acs.org/doi/abs/10.1021/acs.jcim.9b00871
2	Veved, A., Ejub, G. W., Djongyang, N., Study of the chemical softness, chemical hardness, chemical stability and interaction energy of the piezoelectric composite: $(-\text{CH}_2-\text{CF}_2)_3/\text{nHfO}_2$, <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) https://link.springer.com/article/10.1007/s00289-020-03346-6
3	Veved, A., Ejub, G.W., Djongyang, N., Study of the optoelectronic and piezoelectric properties of ZrO ₂ 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) https://www.sciencedirect.com/science/article/pii/S0577907319309694

3. 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**
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5. 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 **WOS:000558648300052**
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6. **Ion, A.,** Gosav, S., Praisler, M., Artificial Neural Networks designed to identify NBOMe hallucinogens based on the most sensitive molecular descriptors, *6th International Symposium on Electrical and Electronics Engineering- ISEEE 2019*, 18 - 20 October 2019, Galați, Romania <https://ieeexplore.ieee.org/document/9136101> <http://www.iseee.ugal.ro/2019/>
7. **Ion, A.,** Gosav, S., Praisler, M., C. Negoita, 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>
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2. **Ion, A.,** Gosav, S., Praisler, M., Vibrational investigation of the 3,4-methylenedioxypyrovalerone designer drug, *Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XII (XLIII) 2020, No. 1*, http://www.phys.ugal.ro/Annals_Fascicle_2/
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2. **Ion, A.**, Gosav, S., Praisler, M., Molecular descriptors – an useful tool for assessing the physico-chemical properties of hallucinogenic drugs of abuse, Book of abstracts SCDS-UDJG 2021, 9th Edition, 10 - 11 June 2021, Galati, Romania. <http://www.cssd-udjg.ugal.ro/index.php/abstracts-2022>
3. **Ion, A.**, Gosav, S., Praisler, M., Vibrational investigation of the 3,4-methylenedioxypyrovalerone designer drug, Book of abstracts SCDS-UDJG 2020, 8th Edition, 18 - 19 June 2020, Galati, Romania. <http://www.cssd-udjg.ugal.ro/> <http://www.cssd-udjg.ugal.ro/index.php/abstracts-20201>
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Premii:

Premiul al II-lea: Ion, A., Gosav, S., Praisler, M., Caracterizarea fizico-chimică a unor droguri halucinogene recent descoperite realizată utilizând descriptorii moleculari, *Congresul National cu participare internationala pentru Studenti, Farmacisti, Medici Rezidenti, Medici Dentisti, Asistenti Medicali generalisti si Moase GALMED 2020*, Editia a X-a, 19 - 22 Noiembrie 2020, Galati, Romania. <http://galmed.ssmg.ro/>

Mentione: 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.
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Beneficiar: Ministerul Educației, Partener 1 - Universitatea Lucian Blaga din Sibiu POCU/904/6/25/Operațiune compozită OS 6.5, 6.6, cod SMIS 146587, *SHARING AND LEARNING FOR MENTORING IN EDUCATION*, Editura Universitară, București, ISBN: 978-606-28-1723-7, DOI: (Digital Object Identifier): 10.5682/9786062817237, Data publicării variantei digitale: Noiembrie 2023

Aurelia ION, Mariana ANDRĂȘOAE, **Adelina ION**, Felicia Elena BOȘCODEALĂ, Nicoleta Daniela STANCIU, Mihaela Florina GIURCĂ, *MILESTONES OF CHANGES IN TEACHING CAREER AT THE BEGINNING OF THE THIRD MILLENNIUM*, *Sharing and learning for mentoring in education*, Editura Universitară, București, ISBN: 978-606-28-1723-7, DOI: (Digital Object Identifier): 10.5682/9786062817237, Data publicării variantei digitale: Noiembrie 2023, <https://grants.ulbsibiu.ro/prof-mentorat/files/sharing-and-learning-for-mentoring-online2353.pdf>

Felicia Elena BOȘCODEALĂ, **Adelina ION**, Mariana ANDRĂȘOAE, Aurelia ION, Nicoleta Daniela STANCIU, Mihaela Florina GIURCĂ, *GOOD PRACTICES IN THE MENTORING PROCESS IN ROMANIA AND EUROPEAN EDUCATION*, *Sharing and learning for mentoring in education*, Editura Universitară, București, ISBN: 978-606-28-1723-7, DOI: (Digital Object Identifier): 10.5682/9786062817237, Data publicării variantei digitale: Noiembrie 2023, <https://grants.ulbsibiu.ro/prof-mentorat/files/sharing-and-learning-for-mentoring-online2353.pdf>

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