



ACADEMIA ROMÂNĂ
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Anexa nr. 3

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Acad. Maria ZAHARESCU

ÎNDEPLINIREA STANDARDELOR MINIMALE

DA | NU

**FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE
conform CNATDCU**

Candidat: **VOICESCU MARIANA**

Criterii generale - MONITORUL OFICIAL AL ROMÂNIEI, PARTEA I, Nr. 6129 / 20.12.2016

Categorie	N_{\max} (*)	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (*****)	H index
Habilitare	50	100	70	50	25	13
Realizat	49	156.122	140.201	73.654	66.761	17

(*) N_{\max} – primele maxim N lucrari, organizate in ordinea descrescatoare a factorilor de impact a revistelor in care au fost publicate;

(**) FIC – factorul de impact cumulat minimal al revistelor in care s-au publicat lucrările în cauză;

(***) FIC_D – factorul de impact cumulat minimal din publicații în domeniile de cercetare declarate;

(****) FIC_{AP} – factorul de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență);

(*****) FIC_{AC} – factorul de impact cumulat minimal din publicații în calitate de autor de corespondență.



Nr.	Lista Lucrari	FIC	FIC _D	FIC _{AP}	FIC _{AC}
1.	M. Tudose, E. M. Anghel, E. N. Hristea, M. Voicescu , S. Somacescu, D. C Culita, A. M Musuc, F. Dumitrascu, A. Hanganu, A. Kuncser, F. L. Zorila, M. Alexandru, M. A. Acasandrei, D. I. Savu, Benzofurazan derivatives modified graphene oxide nanocomposite: Physico-chemical characterization and interaction with bacterial and tumoral cells, <i>Mat Sci Eng C-Mater</i> , 123, 112028, 2021	7.328	7.328	-	-
2.	M. Voicescu* , On the Role of pH and Temperature on Ground - and Excited - State Proton Transfer of Hydroxyflavones in Lipidic Bilayers of Lecithin, <i>J. Mol. Liq.</i> , 352, 118696, 10.1016/j.molliq.2022.118696, 2022.	6.633	6.633	6.633	6.633
3.	I. Atkinson , A.M. Seciu - Grama , S. Petrescu, D. Culita , O. C. Mocioiu, M. Voicescu , R. A. Mitran, D. Lincu , A-M. Prelipcean, O. Craciunescu, Cerium-Containing Mesoporous Bioactive Glasses (MBGs)-Derived Scaffolds with Drug Delivery Capability for Potential Tissue Engineering Applications, <i>Pharmaceutics</i> , 14, 1169, 10.3390/pharmaceutics14061169, 2022.	6.525	6.525	-	-
4.	M. Voicescu* , S. Ionescu, S. Manoiu, M. Anastasescu, O. Craciunescu, L. Moldovan, Synthesis and biophysical characteristics of riboflavin - HSA protein on silver nanoparticles, <i>Mat Sci Eng C-Mater</i> , 96, 30-40, 2019.	5.880	5.880	5.880	5.880
5.	M. Crișan, D. Mardare, A. Ianculescu, N. Drăgan, I. Nițoi, D. Crișan, M. Voicescu , L. Todan, P. Oancea, C. Adomniței, M. Dobromir, M. Gabrovska, B. Vasile, Iron doped TiO ₂ films and their photoactivity in nitrobenzene removal from water, <i>Applied Surface Science</i> (2018), doi.org/10.1016/j.apsusc.2018.05.124, 455, 201-2015, 2018.	5.155	-	-	-



6.	M. Voicescu* , O. Craciunescu, D. G. Angelescu, R. Tatia, L. Moldovan, Spectroscopic, molecular dynamics simulation and biological studies of Flavin MonoNucleotide and Flavin Adenine Dinucleotide in biomimetic systems, Spectrochim Acta A, 10.1016/j.saa.2020.118997, 246, 118997, 2021.	4.831	4.831	4.831	4.831
7.	M. Tudose, R. D Baratoiu-Carpen, E. M. Anghel, M. Voicescu , S. Somacescu, D. C Culita, A. Hanganu, A. Kuncser, A. Radoi, A novel composite based on pyrene thiazole grafted on graphene oxide: physico-chemical characterization and electrochemical investigations, Mater Chem Phys, 262, 124315, 2021.	4.778	4.778	-	-
8.	M-G. Olteanu – Zaharie, N. Radu, L. Pirvu, M. Bostan, M. Voicescu , M. Begea, M. Constantin, C. Voaides, N. Babeanu, V. Roman, Studies Regarding the Pharmaceutical Potential of Derivative Products from Plantain, Plants, 11, 1827, doi.org/10.3390/plants11141827, 2022.	4.658	4.658	-	-
9.	I. Atkinson, E.M. Anghel, S. Petrescu, A.M. Seciu, L.M. Stefan, O.C. Mocioiu, L. Predoana, M. Voicescu , S. Somacescu, D. Culita, M. Zaharescu, Cerium-containing mesoporous bioactive glasses: material characterization, in vitro bioactivity, biocompatibility and cytotoxic evaluation, Micropor. Mesopor. Mat., 276, 76-88, 2019.	4.551	4.551	-	-
10.	M. Tudose, D.C. Culita, M. Voicescu , A.M. Musuc, A.C.Kuncser, C. Bleotu, M.Popa, L. Marutescu, C. M. Chifiriuc, A. Nicolescu, C. Deleanu, Fluorescent coumarin-modified mesoporous SBA-15 nanocompozite: physic-chemical characterization and interaction with prokaryotic and eukaryotic cells, Micropor. Mesopor. Mat., doi.org/10.1016/j.micromeso.2019.109583, 2019.	4.551	4.551	-	-
11.	I. Atkinson, A. M. Seciu-Grama, O. C. Mocioiu, A. M. Mocioiu, L. Predoana, M. Voicescu , J. Pandele Cusu, R. M. Grigorescu, R. M. Ion, O. Craciunescu, Preparation and Biocompatibility of Poly Methyl Methacrylate (PMMA)-Mesoporous Bioactive Glass (MBG) Composite Scaffolds, Gels, 7, 180, doi.org/10.3390/gels7040180, 2021.	4.432	4.432	-	-



12.	M. Voicescu* , Z. Boubegtiten, P. Hellwig, Spectroscopic studies on the structural changes in Human Serum Albumin upon 3-Hydroxyflavone binding immobilized on Silver Nanoparticles, FEBS Journal, 282 (Suppl.1), 56-408, 2015.	4.237	4.237	4.237	4.237
13.	M. Voicescu* , S. Ionescu, M. Anastasescu, O. Craciunescu, R. Tatia, L. Moldovan, D. G. Angelescu, V. S. Teodorescu, Biological Evaluation of 3-Hydroxyflavone in a Silver Nanoparticles Complex, FEBS Journal, 281 (Suppl.1), 65-783, 2014.	4.001	4.001	4.001	4.001
14.	D. Bala, L. I. Jinga, M. Popa, A. Hanganu, M. Voicescu , C. Bleotu, L. Tarko, S. Nica, Design, synthesis and biological evaluation of new azulene-containing chalcones, Materials, 15 (5), 1629, 2022.	3.623	3.623	-	-
15.	M. Voicescu , Y. El Khoury, D. Martel, M. Heinrich, P. Hellwig*, Spectroscopic Analysis of Tyrosine Derivatives: On the Role of the Tyrosine - Histidine Covalent Linkage in Cytochrome c Oxidase, J. Phys. Chem. B, 113, 13429-13436, 2009.	3.471	3.471	3.471	-
16.	M. Voicescu , D. Rother, Frank Bardischewsky, C. G. Friedrich, P. Hellwig*, A combined fluorescence spectroscopic and electrochemical approach for the study of thioredoxins, Biochemistry, 50 (1), 17-24, 2011.	3.422	3.422	3.422	-
17.	A E. Ion, A. Dogaru, S. Shova, A. M. Madalan, O. Akintola, S. Ionescu, M. Voicescu , S. Nica, A. Buchholz, M. Andruh, Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors, CrystEngComm, DOI: 10.1039/c8ce00945g, 2018.	3.382	-	-	-
18.	I. Atkinson, V. Parvulescu, J. Pandele - Cusu, E. M. Anghel, M. Voicescu , D. Culita, S. Somacescu, C. Munteanu, M. Šćepanović, Z. Popovic, V. Fruth, Influence of preparation method and nitrogen (N) doping on properties and photo-catalytic activity of mesoporous SrTiO ₃ , J Photoch. Photobio A, 10.1016/j.jphotochem.2018.09.019, 2018	3.306	-	-	-

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19.	E.A. Dragu, A.E. Ion, S. Shova, D. Bala, C. Mihailciuc, M. Voicescu , S. Ionescu, S. Nica, Visible-light triggered photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes, <i>RCS Adv.</i> , 5, 63282-63286, 2015.	3.289	3.289	-	-
20.	M. Voicescu* , P. Hellwig, A. Meghea, Antioxidant Activity of Phytoestrogens types Isoflavones in Biomimetic Environments, <i>New J Chem.</i> , DOI: 10.1039/c5nj01568e, 40, 606-612, 2016.	3.269	3.269	3.269	3.269
21.	M. Voicescu* , S. Ionescu, O. Craciunescu, R. Tatia, L. Moldovan, V. S. Teodorescu, C. L. Nistor, Synthesis, Physicochemical Characterization and Cytotoxic Properties of Riboflavin loaded Myrj52-Silver Nanoparticles, <i>New J Chem.</i> , DOI: 10.1039/C7NJ00571G, 2017.	3.201	3.201	3.201	3.201
22.	R. Hielscher, M. Yegres, M. Voicescu , E. Gnanndt, T. Friedrich, P. Hellwig, Characterization of the two quinone radicals in the NADH:ubiquinone oxidoreductase from Escherichia coli by a combined fluorescence spectroscopic and electrochemical approach, <i>Biochemistry</i> , DOI: 10.1021/bi4009903, 52 (50), 8993-9000, 2013.	3.194	3.194	-	-
23.	M. Voicescu* , S. Ionescu, C. L. Nistor, Spectroscopic study on 3-Hydroxyflavone - protein interaction in lipidic bi-layers immobilized on silver nanoparticles, <i>Spectrochim. Acta A</i> , doi:10.1016/j.saa.2016.06.039, 170, 1-8, 2017.	2.880	2.880	2.880	2.880
24.	M. Răileanu, L. Todan, M. Voicescu , N. Drăgan, D. Crișan, M. Maganu, D. M. Vuluga, A. Ianculescu, D. C. Culiță, Sol-gel zirconia-based nanopowders with potential applications for sensors, <i>Ceram. Int</i> , 41, 4381-4390, 2015.	2.758	2.758	-	-
25.	M. Răileanu, L. Todan, M. Voicescu , C. A. Ciuculescu, M. Maganu, A way for improving the stability of the essential oils in an environmental friendly formulation, <i>Materials Science & Engineering C</i> , doi.org/10.1016/j.msec.2013.04.012, 2013.	2.736	2.736	-	-



26.	M. Voicescu* , Cristina L. Nistor, A. Meghea, Insights into the Antioxidant Activity of some Flavones on Silver Nanoparticles using the Chemiluminescence Method, J. of Luminescence, 0.1016/j.jlumin.2014.08.058, 157, 243-248, 2015.	2.693	2.693	2.693	2.693
27.	M. Voicescu* , R. Bandula, 3, 6-diHydroxyflavone / Bovine Serum Albumin Interaction in Cyclodextrin Medium: Absorption and Emission Monitoring, Spectrochim. Acta A, 10.1016/j.saa.2014.11.093, 138, 628- 636, 2015.	2.653	2.653	2.653	2.653
28.	I. Atkinson, M.E. Anghel, C. Munteanu, M. Voicescu , M. Zaharescu, ZrO ₂ influence on structure and properties of some alkali lime zinc aluminosilicate glass ceramics, Ceram. Int, 40 (5), 7337-7344, 2014.	2.605	-	-	-
29.	M. Voicescu* , O. Craciunescu, J. M. Calderon-Moreno, M. Anastasescu, V. S. Manoiu, R. Tatia, D. C. Culita, L. Moldovan, Fluorescent Flavin / PVP - coated Silver Nanoparticles: Design and Biological Performance, J. of Fluorescence, doi.org/10.1007/s10895-022-02909-2, 2022.	2.525	2.525	2.525	2.525
30.	M. Raileanu, L. Todan, D. Crisan, N. Dragan, M. Crisan, C. Stan, C. Andronescu, M. Voicescu , B.S. Vasile, A. Ianculescu, Sol-gel zirconia nanopowders with α -cyclodextrin as organic additive, Journal of Alloys and Compounds, 517, 157-163, 2012.	2.390	2.390	-	-
31.	M. Voicescu* , S. Ionescu, F. Gatea, Effect of pH on the Fluorescence Characteristics of some Flavones probes, Spectrochim Acta A, 10.1016/j.saa.2013.12.040, 123, 303-308, 2014.	2.353	2.353	2.353	2.353
32.	A. E. Ion, L. Cristian, M. Voicescu , M. Bangesh, A. M. Madalan, D. Bala, C. Mihailciuc, S. Nica, Synthesis and properties of fluorescent 4'-azulenyl-functionalized 2,2':6',2''-terpyridines, Beilstein J. Org. Chem., doi:10.3762/bjoc.12.171, 12, 1812-1825, 2016.	2.337	2.337	-	-
33.	M. Voicescu* , D. G. Angelescu, S. Ionescu, V.S. Teodorescu, Spectroscopic Analysis of the Riboflavin - Serum Albumins Interaction on Silver Nanoparticles, J. Nanopart. Res., vol.15, 1555, DOI:10.1007/s11051-013-1555-z, 2013.	2.278	2.278	2.278	2.278

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34.	M. Voicescu* , S. Ionescu, D. G. Angelescu, Spectroscopic and Coarse-Grained Simulation Studies of the BSA and HSA Protein Adsorption on Silver Nanoparticles, J. Nanopart. Res., vol. 14, 1174, DOI 10.1007/s11051-012-1174-0, 2012.	2.175	2.175	2.175	2.175
35.	L. Todan, M. Voicescu , D. C. Culita, J. Pandele- Cușu, C. Albu, A.C. Kuncser, Ecological formulation for improving resveratrol stability and delivery in aqueous environment, Chemical Papers, DOI: 10.1007/s11696-020- 01409-6, 2021.	2.146	2.146	-	-
36.	L. Todan, M. Voicescu , D. C. Culita, D. Lincu, R. M Ion, M. Călin, I. Răut, A. C. Kuncser, A curcumin-loaded silica carrier with NH ₃ sensitivity and antimicrobial, Chem. Pap., DOI: 10.1007/s11696-022-02090-7, 2022.	2.146	2.146	-	-
37.	M. Voicescu* , S. Ionescu, J. M. Calderon- Moreno, C. L. Nistor, Physicochemical characterization of 3,6- diHydroxyflavone binding BSA immobilized on PEG-coated Silver Nanoparticles, J. Nanopart. Res., doi: 10.1007/s11051-016- 3727-0, 2017.	2.127	2.127	2.127	2.127
38.	M. Voicescu* , S. Ionescu, J. M. Calderon- Moreno, V. S. Teodorescu, M. Anastasescu, D. C. Culita, Tryptophan / Dextran70 based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties, J. of Fluorescence, DOI: 10.1007/s10895-019- 02411-2, 2019.	2.093	2.093	2.093	2.093
39.	I.C. Vasiliu, C. Constantinescu, M. Voicescu , A. Emandi, Solvent effects on the absorption and fluorescence spectra of Er (III) (Azo-dyes and Schiff bases) complexes: determination of ground and excited dipole moment, Digest Journal of Nanomaterials and Biostructures, 6 (2), 603-608, 2011.	2.078	2.078	-	-
40.	M. Voicescu* , M. Heinrich, P. Hellwig, Steady – State and Time Resolved Fluorescence Analysis of Tyrosine-Histidine Model Compounds, J. of Fluorescence, 19, 257-266, 2009.	2.017	2.017	2.017	2.017

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41.	M. Voicescu* , S. Ionescu, F. Gatea, Photophysical Properties of some Flavone Probes in Homogeneous Media, J. of Fluorescence, DOI: 10.1007/s10895-013- 1272-0, 24 (1), 75-83, 2014.	1.927	1.927	1.927	1.927
42.	M. Voicescu* , S. Ionescu, Fluorescence Characteristics of some Flavones Probes in Different Micellar Media, J. of Fluorescence, DOI: 10.1007/s10895-013- 1346-z, 24 (3), 735-743, 2014.	1.927	1.927	1.927	1.927
43.	M. Voicescu* , S. Ionescu, C. Lete, Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems, J of Fluorescence, 10.1007/s10895-018-2251-2, 2018.	1.913	1.913	1.913	1.913
44.	M. Voicescu* , G. Ionita, A. Beteringhe, M. Vasilescu, A. Meghea, The antioxidative activity of riboflavin in the presence of antipyrine. Spectroscopic studies, J. of Fluorescence, 18, 953-959, 2008.	1.880	1.880	1.880	1.880
45.	M. Voicescu* , S. Ionescu, On the fluorescence of luminol in a silver nanoparticles complex, J. of Fluorescence, 23, 569-574, DOI: 10.1007/s10895-013-1204-z, 2013.	1.667	1.667	1.667	1.667
46.	Y. El Khoury, R. Hielscher, M. Voicescu , J. Gross, P. Hellwig, On the specificity of the amide VI band for secondary structure of proteins, Vibrational Spectroscopy, 55(2), 258-266, 2011.	1.650	1.650	-	-
47.	M. Voicescu* , O. Craciunescu, L. Moldovan, M. Anastasescu, D.G. Angelescu, V.S. Teodorescu, Physicochemical Characterization and in vitro Cytotoxic Effect of 3-Hydroxyflavone in a Silver Nanoparticles Complex, J. of Fluorescence, doi: 10.1007 / s10895- 015- 1608-z, 25 (5), 1215-1223, 2015.	1.601	1.601	1.601	1.601
48.	L. Predoana, A. Jitianu, M. Voicescu , N. G. Apostol, M. Zaharescu, Study of formation of LiCoO ₂ using a modified Pechini aqueous sol-gel process, J. Sol-Gel Sci. Techn., DOI 10.1007/s10971-014- 3611-2, 2015	1.473	-	-	-

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49.	M. Bem, F. Badea, C. Draghici, M.T. Caproiu, M. Vasilescu, M. Voicescu, G. Pencu, M. Maganu, T. Constantinescu, A.T. Balaban, 4-(glucosamino)-7-nitrobenzoxadiazole, Synthesis, anomers, spectra, TLC behavior, and applications, ARKIVOC, ii, 218-234, 2008.	1.377	1.377	-	-
TOTAL		156.122	140.201	73.654	66.761

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Voicescu, Mariana
Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy

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Published names (1) Voicescu, Mariana Voicescu, M. Voicescu, M

Organizations (1) 2002-2022 Ilie Murgulescu Institute of Physical Chemistry
2000-2022 Romanian Academy of Sciences
2009-2013 Centre National de la Recherche Scientifique (CNRS)

Subject Categories (1) Chemistry; Materials Science; Biochemistry & Molecular Biology; Science & Technology
Other Topics; Optics

Other Identifiers (1) <https://orcid.org/0000-0003-1899-0703>

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Semnătura:





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