



ACADEMIA ROMÂNĂ
SCOSAAR

Anexa nr.3

AVIZAT

DIRECTOR SCOSAAR

M. Zaharescu

Acad. Maria ZAHARESCU

ÎNDEPLINIREA STANDARDELOR MINIMALE

DA | NU

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

Candidat: MUȘUC ADINA MAGDALENA

Criterii generale:

Categorie habilitare	N _{max} (*)	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (*****)	H index
Cerințe	50	100	70	50	25	13
Realizat	39	155.897	139.417	124.388	114.193	14

(*) N_{max} = număr maxim de N lucrări științifice selectate, organizate în ordine descrescătoare a factorilor de impact corespunzători revistelor în care au fost publicate;

(**) FIC = factorul de impact cumulat minimal al revistelor în care s-au publicat lucrările selectate;

(***) 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.



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FIȘA DE VERIFICARE
a îndeplinirii standardelor minimale

Nr. Crt.	Listă lucrări	FIC	FIC _D	FIC _{AP}	FIC _{AC}
1	G. Patrinoiu, J.M. Calderon-Moreno, S. Somacescu, A. Musuc, T. Spataru, P. Ionita, O. Carp, <i>Rational Functionalization Towards Redox-Active TEMPO Stable Free Radical-Hydrochar Composites</i> , ChemSusChem 2021, 14(9), 2042-2049.	9.140	9.140	-	-
2	Chelu, M., Calderon-Moreno, J., Atkinson, I., Cusu, J.P., Rusu, A., Bratan, V., Aricov, L., Anastasescu, M., Seciu-Grama, A.M., Musuc*, A.M., <i>Green synthesis of bioinspired chitosan-ZnO-based polysaccharide gums hydrogels with propolis extract as novel functional natural biomaterials</i> , Int. J. Biol. Macromol., 2022, 211, 410-424.	8.025	8.025	8.025	8.025
3	Popovici, V., Matei, E., Cozaru, G.C., Bucur, L., Gird, C.E., Schroeder, V., Ozon, E.M., Karampelas, O., Musuc*, A.M., Atkinson, I., Rusu, A., Petrescu, S., Mitran, R.A., Anastasescu, M., Caraiane, A., Lupuliasa, D., Aschie, M., Badea, V. <i>Evaluation of Usnea barbata (L.) Weber ex FH Wigg Extract in Canola Oil Loaded in Bioadhesive Oral Films for Potential Applications in Oral Cavity Infections and Malignancy</i> . Antioxidants, 2022, 11(8), 1601.	7.675	7.675	7.675	7.675
4	Popovici, V., Matei, E., Cozaru, G.C., Bucur, L., Gird, C.E., Schroeder, V., Ozon, E.A., Mitu, M.A., Musuc*, A.M., Petrescu, S., Atkinson, I., Rusu, A., Mitran, R.A., Anastasescu, M., Caraiane, A., Lupuliasa, D., Aschie, M., Dumitru, E., Badea, <i>Design, Characterization, and Anticancer and Antimicrobial Activities of Mucoadhesive Oral Patches Loaded with Usnea barbata (L.) FH Wigg Ethanol Extract F-UBE-HPMC</i> . Antioxidants, 2022, 11(9), 1801.	7.675	7.675	7.675	7.675
5	Popovici, V., Matei, E., Cozaru, G. C., Bucur, L., Gird, C. E., Schroeder, V., Ozon, E.A., Musuc*, A.M., Mitu, M.A., Atkinson, I., Rusu, A., Petrescu, S., Mitran, R.A., Anastasescu, M., Caraiane, A., Lupuliasa, D., Aschie, M., Badea, V. <i>In Vitro Anticancer Activity of Mucoadhesive Oral Films Loaded with Usnea barbata (L.) FH Wigg Dry Acetone Extract, with Potential</i>	7.675	7.675	7.675	7.675



	<i>Applications in Oral Squamous Cell Carcinoma Complementary Therapy. Antioxidants, 2022, 11(10), 1934</i>				
6	Popovici, V., Matei, E., Cozaru, G.C., Bucur, L., Gird, C.E., Schroeder, V., Ozon, E.A., Sarbu, I., Musuc* , A.M. , Atkinson, I., Rusu, A., Petrescu, S., Mitran, R.A., Anastasescu, M., Caraiane, A., Lupuliasa, D., Aschie, M., Badea, V. Formulation and Development of Bioadhesive Oral Films Containing Usnea barbata (L.) FH Wigg Dry Ethanol Extract (F-UBE-HPC) with Antimicrobial and Anticancer Properties for Potential Use in Oral Cancer Complementary Therapy. <i>Pharmaceutics, 2022, 14(9), 1808</i>	6.525	6.525	6.525	6.525
7	A.M. Musuc* , V. Anuta, I. Atkinson, I. Sarbu, V.T. Popa, C. Munteanu, C. Mircioiu, E.A. Ozon, G.M. Nitulescu, M.A. Mitu, Formulation of chewable tablets containing carbamazepine- β -cyclodextrin inclusion complex and F-melt disintegration excipient: the mathematical modeling of the release kinetics of carbamazepine, <i>Pharmaceutics 2021, 13(6), 915.</i>	6.525	6.525	6.525	6.525
8	A. M. Musuc* , V. Anuta, I. Atkinson, V. T. Popa, I. Sarbu, C. Mircioiu, G. A. Abdalrb, M. Mitu and E. A. Ozon, <i>Development and characterization of orally disintegrating tablets containing a captopril-cyclodextrin complex, Pharmaceutics, 2020, 12(8):744.</i>	6.321	6.321	6.321	6.321
9	Popovici†, V., Musuc†, A.M. , Matei, E., Karamelas, O., Ozon, E.A., Cozaru, G.C., Schroder, V., Bucur, L., Aricov, L., Anastasescu, M., Aschie, M., Badea, V., Lupuliasa, D., Gird, C.E. ROS-Induced DNA-Damage and Autophagy in Oral Squamous Cell Carcinoma by Usnea barbata Oil Extract—An In Vitro Study. <i>International Journal Molecular Sciences, 2022, 23, 14836</i>	6.208	6.208	6.208	-
10	Mititelu†, M., Morosan, E., Nicoara, A.C., Secareanu, A.A., Musuc*,†, A.M. , Atkinson, I., Pandele Cusu, J., Nitulescu, G.M., Ozon*, E.A., Sarbu, I., Balaci, T.D. <i>Development of Immediate Release Tablets Containing Calcium Lactate Synthetized from Black Sea Mussel Shells. Marine Drugs, 2022, 20(1), 45.</i>	6.085	6.085	6.085	6.085
11	G.Pătrânoiu, M. D. Hussien, J. Calderon-Moreno, I. Atkinson, A. M. Musuc , R. N. Ion, A. Câmpean, M. C. Chifiriuc, O. Carp, <i>Eco-friendly synthesized spherical ZnO materials: promising antimicrobial agents, Materials Science and Engineering: C, 2019, 97, 438-450.</i>	5.880	5.880	-	-


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12	Ozon†, E.A., Novac, M., Gheorghe, D., Musuc*,†, A.M. , Mitu, M.A., Sarbu, I., Anuta, V., Rusu, A., Petrescu, S., Atkinson, I., Lupuliasa, D. <i>Formation and Physico-Chemical Evaluation of Nifedipine-hydroxypropyl-β-cyclodextrin and Nifedipine-methyl-β-cyclodextrin: The Development of Orodispersible Tablets.</i> Pharmaceuticals, 2022, 15(8), 993.	5.215	5.215	5.215	5.215
13	Novac†, M., Musuc*,†, A.M. , Ozon, E. A., Sarbu, I., Mitu, M.A., Rusu, A., Gheorghe, D., Petrescu, S., Atkinson, I., Lupuliasa, D. <i>Manufacturing and Assessing the New Orally Disintegrating Tablets, Containing Nimodipine-hydroxypropyl-β-cyclodextrin and Nimodipine-methyl-β-cyclodextrin Inclusion Complexes.</i> Molecules, 2022, 27(6), 2012	4.927	4.927	4.927	4.927
14	Fita†, A.C., Secareanu, A.A., Musuc*,†, A.M. , Ozon, E.A., Sarbu, I., Atkinson, I., Rusu, A., Mati, E., Anuta V., Pop, A.L. <i>The Influence of the Polymer Type on the Quality of Newly Developed Oral Immediate- Release Tablets Containing Amiodarone Solid Dispersions Obtained by Hot-Melt Extrusion.</i> Molecules, 2022, 27(19), 6600.	4.927	4.927	4.927	4.927
15	Musuc*, A.M. , Patrinoiu, G., Budrugaac, P., Cucos, A., Dascalu, R., Calderon-Moreno, J., Carp, O. <i>Fructose-derived hydrochar: combustion thermochemistry and kinetics assessments.</i> Journal of Thermal Analysis and Calorimetry, 2022, 147(22), 12805-12814.	4.755	4.755	4.755	4.755
16	Musuc, A.M.* , Birzan, L., Cristea, M. , Razus, D., Razus, A.C., Oancea, D. <i>A DSC study of new compounds based on (E)-3-(azulen-1-yl diazenyl)-1,2,5-oxadiazole.</i> Journal of Thermal Analysis and Calorimetry 2021, 146, 1763–1772.	4.755	4.755	4.755	4.755
17	Morosan, E., Secareanu, A.A., Musuc*, A.M. , Mititelu, M., Ionita, A.C., Ozon, E.A. Raducan, I.D., Rusu, A.I., Daraban, A.M., Karampelas, O. <i>Comparative Quality Assessment of Five Bread Wheat and Five Barley Cultivars Grown in Romania.</i> International Journal of Environmental Research and Public Health, 2022, 19(17), 11114.	4.614	-	4.614	4.614
18	A. Stan, C. Munteanu, A. M. Musuc , R. Birjega, R. Ene, A. Ianculescu, I. Raut, L. Jecu, M. Badea Doni, E.M. Anghel, O. Carp, <i>A general, eco-friendly synthesis procedure of self-assembled ZnO-based materials with multifunctional properties,</i> Dalton Trans., 2015, 44, 7844-7853.	4.177	4.177	-	-



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19	Novac†, M., Musuc*,†, A.M. , Ozon, E.A., Sarbu, I., Mitu, M.A., Rusu, A., Petrescu, S., Atkinson, I., Gheorghe, D., Lupuliasa, D. <i>Design and evaluation of orally dispersible tablets containing amlodipine inclusion complexes in hydroxypropyl-β-cyclodextrin and methyl-β-cyclodextrin</i> . Materials, 2022, 15(15), 5217.	3.748	3.748	3.748	3.748
20	Morosan†, E., Secareanu, A.A., Musuc*,†, A.M. , Mititelu, M., Ionita, A.C., Ozon, E.A., Daravban, A.M., Karamelas, O. <i>Advances on the Antioxidant Activity of a Phytocomplex Product Containing Berry Extracts from Romanian Spontaneous Flora</i> . Processes, 2022, 10(4), 646.	3.352	-	3.352	3.352
21	T. Balaci†, B. Velescu, O. Karamelas, A.M. Musuc*,† , G.M. Nițulescu, E.A. Ozon, G.Nitulescu, C.E. Gird, C. Fița, D. Lupuliasa, <i>Physico-chemical and pharmaco-technical characterization of inclusion complexes formed by rutoside with β-cyclodextrin and hydroxypropyl-β-cyclodextrin used to develop solid dosage forms</i> , Processes 2021, 9(1), 26.	3.352	3.352	3.352	3.352
22	J. P. Cusu, A. M. Musuc* , D. Oancea, <i>Thermal decomposition of new aldehyde-2, 4-dinitrophenylhydrazine: kinetic studies and thermal hazard predictions</i> , Thermochimica Acta, 2020, 689, 178610.	3.115	3.115	3.115	3.115
23	Pop†, A.L., Musuc*,†, A.M. , Nicoara, A.C., Ozon, E.A., Crisan, S., Penes, O.N., Nasui, B.A., Lupuliasa, D., Secareanu, A.A. <i>Optimization of the Preformulation and Formulation Parameters in the Development of New Extended-Release Tablets Containing Felodipine</i> . Applied Sciences, 2022, 12(11), 5333.	2.838	-	2.838	2.838
24	Ionita-Mindrigan, C.B., Mititelu, M., Musuc*, A.M. , Oprea, E., Ziani, K., Neacsu, S.M., Grigore, N.D., Negrei, C., Dumitrescu†, D.E., Miresan, H., Roncea, F.N., Ozon, E.A., Maru, N., Draganescu, D., Ghica, M. <i>Honey and Other Beekeeping Products Intake among the Romanian Population and Their Therapeutic Use</i> . Applied Sciences, 2022, (19), 9649.	2.838	-	2.838	2.838
25	E. Morosan, M. Mititelu, D. Draganescu, D. Lupuliasa, E.A. Ozon, O. Karamelas, C.E. Gird, C. Arama, M.V. Hovanet, A.M. Musuc* , A.C. Ionita, <i>Investigation into the Antioxidant Activity of Standardized Plant Extracts with Pharmaceutical Potential</i> , Applied Sciences 2021, 11(18), 8685.	2.838	-	2.838	2.838
26	ML Dianu, A Kriza and AM Musuc* , <i>Synthesis, spectral characterization and thermal behavior of</i>	2.206	2.206	2.206	2.206


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	<i>mononuclear Cu(II), Co(II), Ni(II), Mn(II) and Zn(II) complexes with 5 -bromosalicylaldehyde isonicotinoylhydrazone</i> J. Therm. Anal. Calor, 2013, 112, 2, 585-593.				
27	A.M. Musuc , M Badea-Doni, L Jecu, A Rusu and VT Popa, <i>FTIR, XRD, and DSC analysis of the rosemary extract effect on polyethylene structure and biodegradability</i> , Journal of Thermal Analysis and Calorimetry, 2013, 114 (1), 169-177.	2.206	2.206	2.206	-
28	J.Pandele Cusu, A.M.Musuc , D.Oancea, <i>Kinetic analysis of thermal decomposition in liquid and solid state of 3-nitro and 4-nitro-benzaldehyde-2,4-dinitrophenylhydrazones</i> , J.Thermal. Anal. Cal. 2012, 109(1), 255-263.	1.982	1.982	-	-
29	L.V. Ababei, A. Kriza, C. Andronescu, A. M. Musuc , <i>Synthesis and characterization of new complexes of some divalent transition metals with 2-acetyl-pyridyl-isonicotinoylhydrazone</i> , J.Thermal Anal. Cal., 107(2), 573-584, 2012.	1.982	1.982	-	-
30	J.Pandele Cusu, A.M.Musuc , D.Oancea, <i>Thermal stabilities of some benzaldehyde 2,4-dinitrophenylhidrazones</i> , J.Thermal Anal. Cal., 2012, 109(1), 123-129.	1.982	1.982	-	-
31	J.Pandele Cusu, A.M.Musuc* , M.Matache D.Oancea, <i>Kinetics of exothermal decomposition of some ketone-2,4-dinitrophenylhydrazones</i> , J.Thermal Anal. Calorim, 2012, 110(3):1259-1266	1.982	1.982	1.982	1.982
32	S Preda, V Teodorescu, A Musuc* , CAndronescu, MZaharescu, <i>Influence of the TiO2 precursors on the thermal and structural stability of titanate based nanotubes</i> , Journal of Materials Research, 28, 3, 2013, 294-303	1.815	1.815	1.815	1.815
33	A.M. Musuc , R. Dumitru, A. Stan, C. Munteanu, R. Birjega, O. Carp, <i>Synthesis, characterization and thermoreactivity of some methylcellulose-zinc composites</i> , J. Therm. Anal. Calorim, 2015, 120, 85-94.	1.781	1.781	1.781	-
34	A.Kriza, M.L. Dianu, C.Andronescu, A.E.Rogozea, A.M.Musuc , <i>Synthesis, spectral and thermal studies of new copper (II) complexes with 1,2-di(imino-2-aminomethylpyridyl)ethane</i> , J.Thermal Anal. Cal., 2010, 100(3), 929-935.	1.752	1.752	-	-
35	L. V.Ababei, A. Kriza, A. M. Musuc , C. Andronescu, E. A. Rogozea, <i>Thermal behaviour and spectroscopic studies of complexes of some divalent transitional metals with 2-benzoil-pyridil-izonicotinoylhydrazone</i> ,	1.752	1.752	-	-

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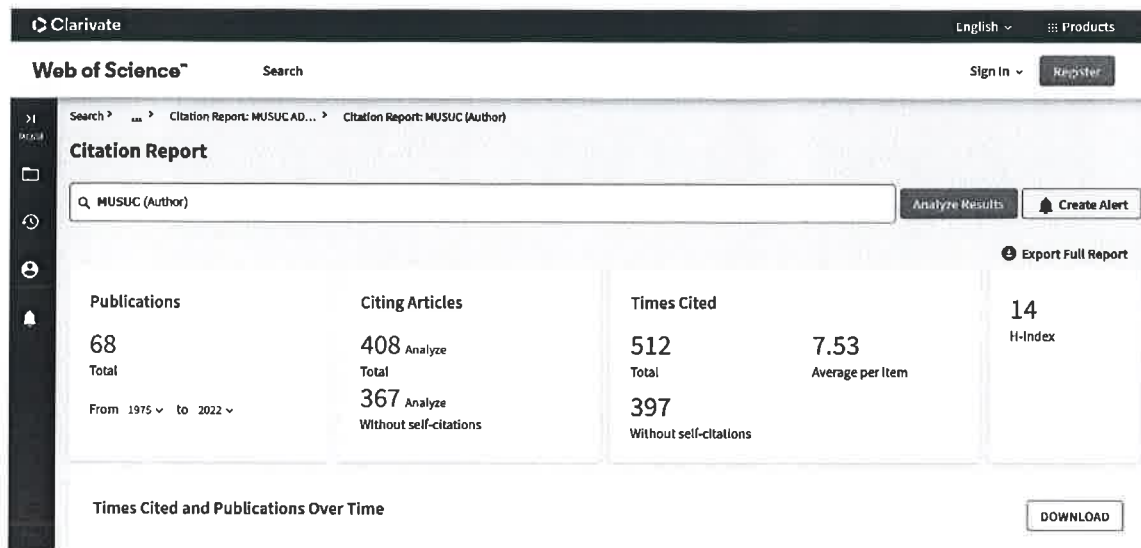
	J.Thermal Anal. Cal., 2010, 101 (3), 987-996.				
36	L Jecu, E Grosu, I Raut, M Calin, A Musuc , Vlad, <i>Biodegradation of poly(hydroxybutyrate)/poly(vinyl alcohol) blends by filamentous fungi</i> , Environmental Engineering and Management Journal, 2013, 12, 2, 209-416.	1.258	1.258	-	-
37	L. V.Ababei, A. Kriza, C. Andronescu, A. M. Musuc , <i>Synthesis and characterization of new complexes of some divalent transitional metals with N-isonicotinamido-4-chlorobenzalaldimine</i> , J.Serb. Chem. Soc. 2011 76 (8) 1103–1115.	0.879	0.879	-	-
38	A. Kriza, M. L. Dianu, N.Stanica and A. M. Musuc , <i>Transition metal M(II) complexes with isonicotinoylhydrazone-9-anthraldehyde</i> , J.Serb. Chem. Soc., 2010, 75(11), 1515-1531.	0.725	0.725	-	-
39	A.M. Musuc* , D. Oancea, <i>The structure-activity relationships from DSC data</i> , Rev. Roum. Chim., 2021 66(2), 161-166.	0.410	0.410	0.410	0.410
		155.897	139.417	124.388	114.193



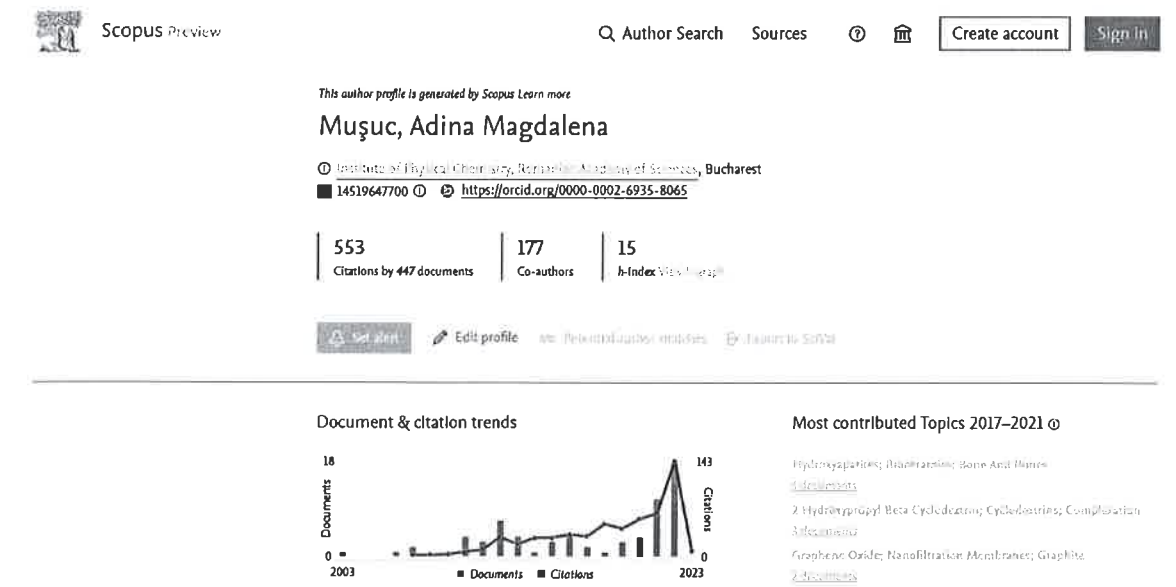
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Web of Science H-index 14



Scopus H-index 15



Data:

30.01.2023

Semnătura: