

**FISA IN INDEPLINIREA A STANDARDELOR A STANDARDELOR
MINIME conform CNATDCU**

Candidat: CS I Dr. SFÎRLOAGĂ Paula

FISA DE VERIFICARE

A INDEPLINIRII STANDARDELOR MINIMALE

PROFESOR / CS I / Habilitare - CHIMIE

Categorie	N _{max} (*)	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AD} (*****)	h index
Habilitare	50	100	70	50	25	13
Realizat	50	236.986	236.986	79.2	70.8	14

(*) 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 lucrarile in cauza;

(***) FIC_D - factorul de impact cumulat minimal din publicatii in domniile de cercetare declarate;

(****) FIC_{AP} - factorul de impact cumulat minimal din publicatii in caliate de autor principal (prim-autor si autor de corespondenta);

(*****) FIC_{AD} - factorul de impact cumulat minimal din publicatii in caliate de autor de corespondenta.

Nr. Crt	Articol	FIC	FIC_D	FIC_{AP}	FIC_{AD}
1.	Microwave absorbent properties of nanosized cobalt ferrite powders prepared by coprecipitation and subjected to different thermal treatments, Fannin, P.C., Marin, C.N., Malaescu, I., Stefu, N., Vlazan, P.,	8.4	8.4	-	-

	Novaconi, S., Sfirloaga, P. , Popescu, S., Couper, C., <i>Materials and Design</i> , Volume 32, Issue 3, March 2011 , Pages 1600-1604.				
2.	Microwave-assisted synthesis and characterization of iron oxide microfibers, Bica, Ioan; Anitas, Eugen Mircea; Choi, Hyoungh Jin; Sfirloaga, Paula , <i>Journal of Materials Chemistry C</i> , Vol. 8, pag. 6159-6167, 2020 .	6.4	6.4	-	-
3.	Ni _{11□} (HPO ₃) ₈ (OH) ₆ multifunctional materials: Electrodes for oxygen evolution reaction and potential visible-light active photocatalysts, Taranu, Bogdan-Ovidiu; Ivanovici, Madalina-Gabriela; Svera, Paula; Vlazan, Paulina; Sfirloaga, Paula ; Poienar, Maria, <i>Journal of Alloys and Compounds</i> , Vol. 848, Article number 156595, 2020	6.2	6.2	-	-
4.	Investigation of physico-chemical features of lanthanum manganite with nitrogen addition, Sfirloaga, Paula ; Sebarchievici, Iuliana; Taranu, Bogdan; Poienar, Maria; Vlase, Gabriela; Vlase, Titus; Vlazan, Paulina, <i>Journal of Alloys and Compounds</i> , Vol 843, Article number 155854, 2020 .	6.2	6.2	6.2	6.2
5.	New functional hybrid materials based on clay minerals for enhanced electrocatalytic activity, Bogdan-Ovidiu Taranu, Paulina Vlazan, Paula Svera (m. Ianasi), Maria Poienar, Paula Sfirloaga , <i>Journal of Alloys and Compounds</i> 892 (2021) 162239.	6.2	6.2	6.2	6.2
6.	Addressing electrocatalytic activity of metal-substituted lanthanum manganite for the hydrogen evolution reaction, Sfirloaga, Paula ; Taranu, Bogdan-Ovidiu; Poienar, Maria; Vlazan, Paulina, <i>Surfaces and Interfaces</i> , Volume 39, 2023 Article number 102881.	6.2	6.2	6.2	6.2
7.	Electric and magnetic properties of a composite consisting of silicone rubber and ferrofluid, Marin, Catalin N.; Malaescu Iosif; Sfirloaga Paula ; Teusdea Alexandrina, <i>Journal of Industrial and Engineering Chemistry</i> , Vol 101, pag. 405-413, 2021 .	6.1	6.1	-	-
8.	Sustainable removal of 17 α -ethynylestradiol from aqueous environment using rare earth	5.3	5.3	5.3	5.3

	doped lanthanum manganite nanomaterials, D. Sojic Merkulov, P. Vlazan, M. Poienar, S. Bognar', C. Ianasi, P. Sfirloaga , <i>Catalysis Today</i> 2022 , DOI 10.1016/j.cattod.2022.05.011				
9.	Effects of electric and magnetic fields on dielectric and elastic properties of membranes composed of cotton fabric and carbonyl iron microparticles, Ioan Bica, Maria Bălăsoiu , Paula Sfirloaga , Results in Physics 35 (2022) 105332.	5.3	5.3	-	-
10.	Stochastic Microsensors Based on Carbon Nanotubes for Molecular Recognition of the Isocitrate Dehydrogenases 1 and 2, Raluca-Ioana Stefan-van Staden, Catalina Cioates Negut, Sorin Sebastian Gheorghe and Paula Sfirloaga , <i>Nanomaterials</i> 2022 , 12, 460.	5.3	5.3	-	-
11.	Novel Glycopolymers Based on d-Mannose and Methacrylates: Synthesis, Thermal Stability and Biodegradability Testing, Pană, A.-M., Ștefan, L.-M., Bandur, G., Sfirloagă, P. , Gherman, V., Sillion, M., Popa, M., Rusnac, L.-M. <i>Journal of Polymers and the Environment</i> Volume 21, Issue 4, December 2013 , Pages 981-994.	5.3	5.3	-	-
12.	Investigation of thermal and magnetic behaviour of mixed valence iron hydroxyphosphate from Fe ₃ (PO ₄) ₂ (OH) ₂ lipscombite systems, Maria Poienar, Paula Sfirloagă , Paulina Vlăzan, <i>Ceramics International</i> , Volume 45, Issue 13, September 2019 , Pages 16540-16544, 2019	5.2	5.2	-	5.2
13.	The in-depth study of Romanian prehistoric ceramics: Late Neolithic/Eneolithic pottery and clay materials from the Foeni Tell-Orthodox cemetery in Timiș county, Vlase, Dan; Vlase, Gabriela; Ursuț, Gabriela; Sfirloaga, Paula ; Manea, Florin; Budiul, Mihaela; Rotaru, Andrei; Vlase, Titus, <i>Ceramics International</i> , Volume 49, Issue 9, Pages 14941 - 149561 May 2023 .	5.2	5.2	-	-
14.	Temperature dependence of the dynamic electrical properties of Cu _{1+x} Mn _{1-x} O ₂ (x = 0 and 0.06) crednerite materials, Malaescu, I., Lungu, A., Marin, C.N., Sfirloaga, P. ,	5.2	5.2	-	-

	Vlazan, P., Brindusoiu, S., Poienar, M., 2018 , <i>Ceramics International</i> , 44(10), pp. 11610-11616				
15.	Microwave-assisted hydrothermal synthesis and catalytic activity study of crednerite-type CuMnO ₂ materials, Poienar, M., Banica, R., Sfirloaga, P. , Ianasi, C., Mihali, C.V., Vlazan, P., 2018 , <i>Ceramics International</i> , 44(6), pp. 6157-6161	5.2	5.2	-	-
16.	Electrical conductivity of Ca-substituted lanthanum manganites, Sfirloaga, P. , Poienar, M., Malaescu, I., Lungu, A., Mihali, C.V., Vlazan, P., 2018 , <i>Ceramics International</i> , 44(6), pp. 5823-5828	5.2	5.2	5.2	-
17.	Phase transition behaviour and physicochemical properties of KNbO ₃ ceramics, Vlazan, P., Stoia, M., Poienar, M., Sfirloaga, P. , 2017 , <i>Ceramics International</i> , 43(8), pp. 5963-5967.	5.2	5.2	5.2	5.2
18.	The electrical performance of ceramics materials with perovskite structure doped with metallic ions, Sfirloaga, P. , Marin, C.N., Malaescu, I., Vlazan, P., 2016 , <i>Ceramics International</i> , 42(16), pp. 18960-18964.	5.2	5.2	5.2	5.2
19.	Experimental investigations of the structural transformations induced by the heat treatment in manganese ferrite synthesized by ultrasonic assisted co-precipitation method, Malaescu, I., Lungu, A., Marin, C.N., Vlazan P., Sfirloaga, P. , Turi, G.M., 2016 , <i>Ceramics International</i> , 42(15), pp. 16744-16748.	5.2	5.2	-	-
20.	Cobalt ferrite substituted with Mn: Synthesis method, characterization and magnetic properties, P. Vlazana, I. Mirona, P. Sfirloaga , <i>Ceramics International</i> 41 (2015) 3760–3765.	5.2	5.2	5.2	5.2
21.	Thermal stability and biodegradation of novel D-mannose based glycopolymers, Ana-Maria Pana, Vasile Gherman, Paula Sfirloaga , Geza Bandur, Liliana-Marinela Stefan, Marcel Popa, Lucian-Mircea Rusnac, <i>Polymer Testing</i> 31, 384–392, 2012 .	5.1	5.1		
22.	Preliminary study for the preparation of	5	5	-	-

	transmucosal or transdermal patches with acyclovir and lidocaine, Marioane Cristina-Adela; Bunoiu Mădălin; Mateescu Mădălina; Sfirloagă Paula , Vlase, Gabriela; Vlase, Titus, <i>Polymers</i> , Vol 13, 20, 2021 .				
23.	Perovskite type lanthanum manganite: Morpho-structural analysis and electrical investigations, Sfirloaga, P. , Poienar, M., Malaescu, I., Lungu, A., Vlazan, P., 2018 <i>Journal of Rare Earths</i> , 36(5), pp. 499-504	4.9	4.9	4.9	-
24.	Novel Chloro-Substituted Salicylanilide Derivatives and Their β -Cyclodextrin Complexes: Synthesis, Characterization, and Antibacterial Activity, Ienaşcu, Ioana Maria Carmen, Cata Adina, Srefanut Mariana Nela, Popescu Iuliana, Rusu Gherlinde, Sfirloaga Paula , Ursu Daniel, Mosoarca Cristina, Dabici Anamaria, Danciu Corina, Muntean Delia, Pop Raluca, <i>Biomedicines</i> , Volume 10, Issue 7 July 2022 Article number 1740.	4.7	4.7	-	-
25.	Structural and electrical properties of TiO_2/ZnO core-shell nanoparticles synthesized by hydrothermal method, P. Vlazan, D.H. Ursu, C. Irina-Moiescu, I. Miron, P. Sfirloaga , E. Rusu, <i>Materials Characterization</i> 101 (2015) 153–158.	4.7	4.7	-	-
26.	Aqueous combustion synthesis and characterization of ZnO powders, Robert Ianos, Ioan Lazau, Cornelia Pacurariu, Paula Sfirloaga , <i>Materials Chemistry and Physics</i> , pp. 881-886, 2011 .	4.6	4.6	-	-
27.	Cutaneous Polymeric-Micelles-Based Hydrogel Containing Origanum vulgare L. Essential Oil: In Vitro Release and Permeation, Angiogenesis, and Safety Profile In Ovo, Avram, S ; Bora, L; Vlaia, LL; Mut, AM; Olteanu, GE; Olariu, I; Magyari-Pavel, IZ; Minda, D; Diaconeasa, Z; Sfirloaga, P ; Adnan, M; Dehelean, CA ; Danciu, C, 16(7), <i>Pharmaceuticals</i> , 2023	4.6	4.6	-	-
28.	Hydrothermal synthesis of crednerite $\text{CuMn}_{1-x}\text{M}_x\text{O}_2$ (M = Mg, Al; x = 0–0.08): structural characterisation and magnetic properties, Poienar, M., Sfirloaga, P. ,	4.5	4.5	-	-

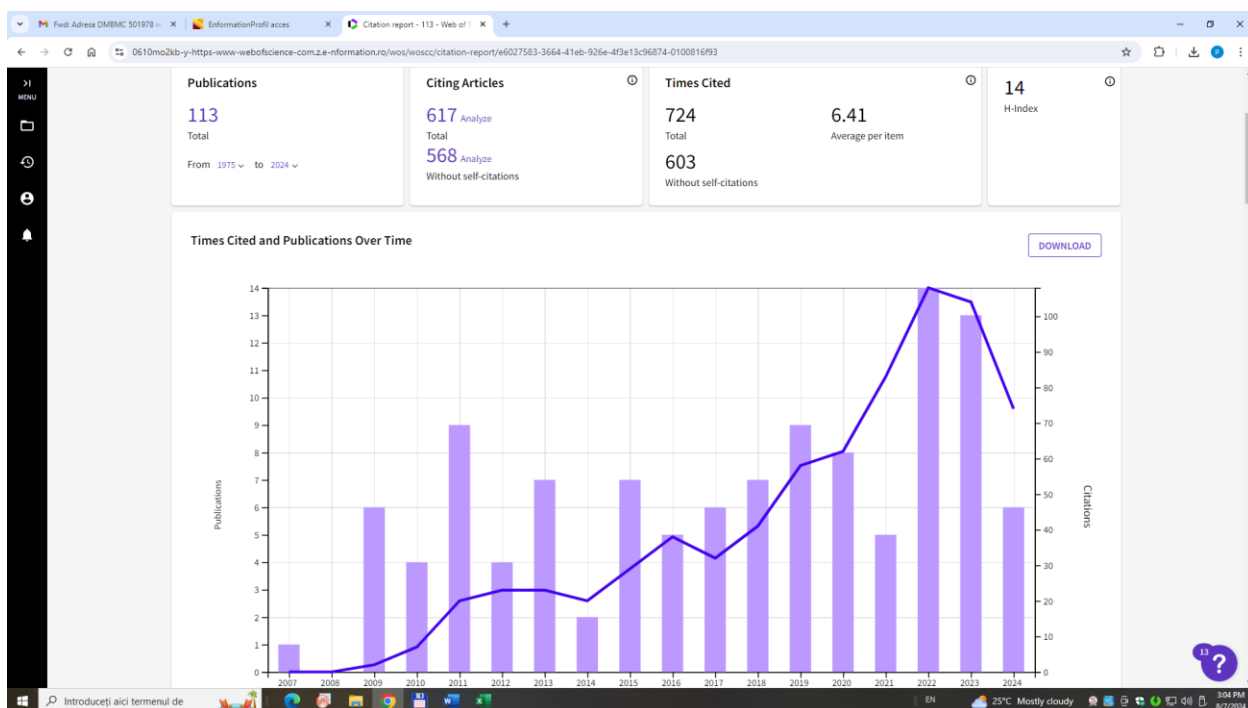
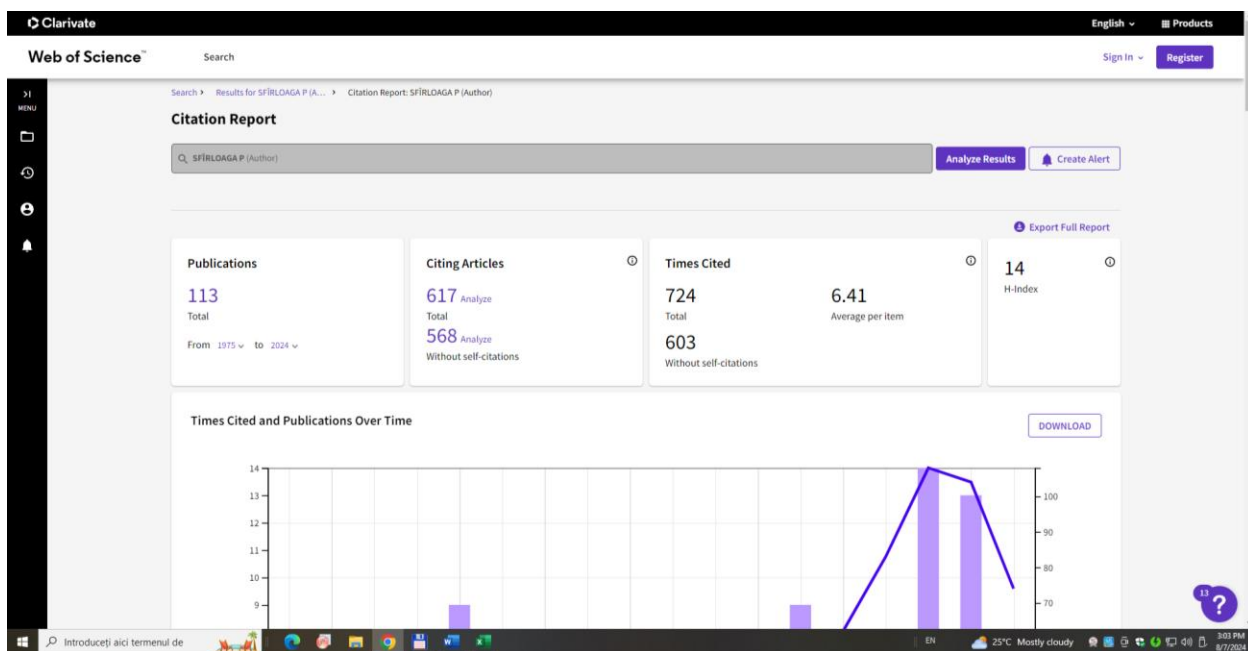
	Martin, C., Ursu, D., Vlazan, P., 2018 , <i>Journal of Materials Science</i> , 53(4), pp. 2389-2395				
29.	Disclosing the thermal behaviour, electrochemical and optical properties of synthetic $\text{Fe}_3(\text{PO}_4)_2(\text{OH})_2$ materials, Maria Poienar, Bogdan-Ovidiu Taranu, Paula Svera, Paula Sfirloaga , Paulina Vlazan, <i>Journal of Thermal Analysis and Calorimetry</i> , Volume 147, Issue 21, Pages 11839 - 11855 November 2022 .	4.4	4.4	4.4	4.4
30.	Comparative thermal and hyphenated analysis of diferent mortars samples from Deva region, Gabriela Vlase, Dan Vlase, Iosif Vasile Ferencz, Paula Sfirloagă , Dorel Micle, Florin Manea, Titus Vlase, <i>Journal of Thermal Analysis and Calorimetry</i> , 147(9), pp. 5365-5376, 2022 .	4.4	4.4	4.4	4.4
31.	Characteristics of late Neolithic pottery of the Zau culture: analysis of pottery samples from Iernut-Site II (Mures County, Romania), Dan Vlase, Titus Vlase, Mădălin Bunoiu, Paula Sfirloagă , Alexandra-Gabriela Ursuț, Gabriela Vlase, <i>Journal of Thermal Analysis and Calorimetry</i> , 147(9), pp. 5351-5363, 2022 .	4.4	4.4	4.4	4.4
32.	Silver doping in lanthanum manganite materials: structural and electrical properties, Sfirloaga, Paula. ; Vlase, Gabriela; Vlase, Titus; Malaescu, Iosif; Marin, Catalin Nicolae; Vlazan, Paulina, <i>Journal of Thermal Analysis and Calorimetry</i> , Vol 142, 5,1817-1823, 2020 .	4.4	4.4	4.4	4.4
33.	Synthesis and morpho-structural characterization of NaTaO_3 nanomaterials obtained by ultrasonic method with immersed sonotrode, Sfirloaga, P. , Poienar, M., Ianasi, C., Vlase, T., Vlazan, P., 2017 , <i>Journal of Thermal Analysis and Calorimetry</i> , 127(1), pp. 457-462.	4.4	4.4	4.4	-
34.	Analytical investigations of adornment pieces from Susani (Timiș County, Romania), Vlase, Dan, Diaconescu, Dragoș; Bunoiu, Victor; Bunoiu, Mădălin; Vlase,	4.4	4.4	-	4.4

	Gabriela; Sfârloagă, Paula ; Vlase, Titus, <i>Journal of Thermal Analysis and Calorimetry</i> , Vol. 141, 3, pag. 1067-1074, 2020 .				
35.	Simultaneous Molecular Recognition of Interleukins 2 and 4, and of Tumour Necrosis Factor- α in Biological Samples, Cioates Negut, Catalina; Stefan-van Staden, Raluca-Ioana; Sfirloaga, Paula , <i>Electroanalysis</i> , Volume 35, Issue 3, March 2023 , 202200305.	4.386	4.386	-	-
36.	Nanographene-based electrochemical sensors for ultrasensitive determination of sorbic acid from food, Stefan-van Staden, Raluca-Ioana; Niculae, Andreea-Roxana; van Staden, Jacobus Frederick; Georgescu State, Ramona; Sfirloaga, Paula , <i>Analytical and Bioanalytical Chemistry</i> , Volume 414, Issue 23, Pages 6813 - 6824September 2022 .	4.3	4.3	-	-
37.	The effect of dopant concentrations on the structural, morphological and optical properties of NaNbO ₃ semiconductor materials, Vlazan, P., Rus, S.F., Poienar, M., Sfirloaga, P. , <i>Materials Science in Semiconductor Processing</i> , 102,104602, 2019 .	4.1	4.1	-	-
38.	Structural and physical properties of undoped and Ag-doped NaTaO ₃ synthesized at low temperature P. Sfirloaga , I. Miron, I. Malaescu, C.N. Marin, C. Ianasi, P. Vlazan, <i>Materials Science in Semiconductor Processing</i> 39 (2015) 721–725.	4.1	4.1	4.1	4.1
39.	Multimode Detection Platform Based on 3D Integrated Sensor for Fast On-Site Assay of Methylprednisolone in Its Pharmaceutical Formulation and Surface Water Samples, Stefan-Van Staden, Raluca-Ioana; Tuchiu, Bianca-Maria; van Staden, Jacobus (Koos) Frederick; Sfirloaga, Paula , <i>Journal of the Electrochemical Society</i> , Volume 170, Issue 3March 2023 Article number 037516.	3.9	3.9	-	
40.	Gold Nanoparticles/Nanographene-Based 3D Sensors Integrated in Mini-Platforms for Thiamine Detection, Damaris-Cristina Gheorghe, Jacobus (Koos) Frederick van	3.9	3.9	-	-

	Staden, Raluca-Ioana Stefan-van Staden, and Paula Sfirloaga , <i>Sensors</i> 2023 , 23, 344.				
41.	3D Stochastic Microsensors Based on Single-Walled Carbon Nanotubes Decorated with Gold Nanoparticles for Molecular Recognition and Determination of Heregulin- α and HER Family (HER1-4) in Biological Samples, Stefan-Van Staden, Raluca-Ioana; Cioates Negut, Catalina; Sfirloaga, Paula , <i>Journal of the Electrochemical Society</i> , Volume 170, Issue 3 March 2023 Article number 037503.	3.9	3.9	-	-
42.	Photocatalytical inactivation of Enterococcus faecalis from water using functional materials based on natural zeolite and titanium dioxide, Bandas, C., Orha, C., Misca, C., Lazau, C., Sfirloaga, P. , Olariu, S., <i>Chinese Journal of Chemical Engineering</i> , Volume 22, Issue 1, January 2014 , Pages 38-43.	3.8	3.8		
43.	Investigation of Catalytic and Photocatalytic Degradation of Methyl Orange Using Doped LaMnO ₃ Compounds, Paula Sfirloaga , Madalina-Gabriela Ivanovici, Maria Poienar, Catalin Ianas and Paulina Vlazan, <i>Processes</i> 2022 , 10, 2688.	3.5	3.5	3.5	-
44.	A Cotton Fabric Composite with Light Mineral Oil and Magnetite Nanoparticles: Effects of a Magnetic Field and Uniform Compressions on Electrical Conductivity, Iacobescu, G.-E., Bunoiu, M., Bica, I., Sfirloaga, P. , Chirigiu, L.-M.-E., 2023 , <i>Micromachines</i> 14(6),1113.	3.4	3.4	-	-
45.	Some Brassicaceae Extracts as Potential Antioxidants and Green Corrosion Inhibitors, Ienaşcu, Ioana Maria Carmen; Căta, Adina; Chis, Adriana Aurelia; Ştefănuţ, Mariana Nela; Sfirloagă, Paula ; Rusu, Gerlinde; Frum, Adina; Arseniu, Anca Maria; Morgovan, Claudiu; Rus, Luca Liviu; Dobrea, Carmen Maximiliana, 2023 , <i>Materials</i> 16(8), 2967.	3.4	3.4	-	-
46.	Electric and Dielectric Properties in Low-Frequency Fields of Composites Consisting of Silicone Rubber and Al Particles for	3.4	3.4	-	-

	Flexible Electronic Devices, Alexandrina Teusdea, Iosif Malaescu, Paula Sfirloaga and Catalin Nicolae Marin, <i>Materials</i> 2022 , 15, 2309.				
47.	Phase Transitions and Physical Properties of the Mixed Valence Iron Phosphate $\text{Fe}_3(\text{PO}_3\text{OH})_4(\text{H}_2\text{O})_4$, Poienar, M; Gutmann, MJ; Pascut, GL; Petricek, V; Stenning, G; Vlazan, P; Sfirloaga, P ; Paulmann, C; Tolkiehn, M; Manuel, P; Veber, P, <i>Materials</i> , 15(22), 8059, 2022 .	3.4	3.4	-	-
48.	Free-Base Porphyrin Aggregates Combined with Nickel Phosphite for Enhanced Alkaline Hydrogen Evolution, Bogdan-Ovidiu Taranu, Eugenia Fagadar-Cosma, Paula Sfirloaga and Maria Poienar, <i>Energies</i> 2023 , 16, 1212.	3.2	3.2	-	-
49.	Novel semi-interpenetrating network hydrogels based on monosaccharide oligomers with itaconic moiety: synthesis and properties, Pană, A.-M., Popa, M., Sillion, M., Sfirloaga, P. , Bandur, G., Duchatel, L., Rusnac, L.-M., 2017 , <i>Iranian Polymer Journal</i> , 26(10), 743-751.	3.1	3.1		
50.	Dental Biopolymer Composites with Antibiotics, Bisphosphonate, and Hydroxyapatite for Possible Use in Bone Tissue Regeneration, Budiul, MM; Vlase, G; Negru, D ; Okolisan, D; Bradu, IA ; Tasala, A; Pahomi, A; Vlase, T; Jumanca, D; Galuscan, A; Sfirloaga, P ; Caraba, N; Popescu, R; Matichescu, A , <i>Journal of Chemistry</i> , 14(4), 6614044, 2024 .	3	3	-	-
		FIC	FIC_D	FIC_{AP}	FIC_{AD}
	Total	236.986	236.986	79.2	70.8

 **Raportul citărilor și indicele Hirsch conform platformei Web of Science (Iulie 2024)**



Raportul citărilor și indicele Hirsch conform platformei Web of Science.

Data:

17.08.2024

Candidat

Dr. Sfirloagă Paula