



ROMÂNIA  
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## **ANEXA NR. 18-COMISIA INGINERIA MEDIULUI**

# **STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE DEZVOLTARE**

**Conf.univ.dr.ing. Popovici Daniela Roxana**

## FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAȚIONALE PENTRU ATESTATUL DE ABILITARE

<b>Standarde minimale necesare și obligatorii</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
Număr total de articole în reviste ISI (NT)	$NT \geq 25$	29
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP) Număr lucrări în reviste cu $FI > 1$ , NP (cu $FI > 1$ )	$NP \geq 10$	14
	$NP (cu FI > 1) \geq 6$	6
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	$20.006 + 6$ $= 26.006$
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	105

## NUMĂR TOTAL ARTICOLE ISI (NT)

Nr.crt.	Articol	FI valabil la momentul depunerii dosarului / (la momentul publicării*)
1.	<b>Popovici, D.</b> , Pântea, O., Antonescu, N.N., Matei, V., Trîmbițașu, E., Bomboș, D., Hygroscopic And Deliquescent Substances -: Compounds of Additives for Aerosols' Content Reduction, Revista de Chimie, 7(55) 2004, p. 488 – 491 (WOS 000223160500004)	0 / (0.308)
2.	Trîmbițașu, E., <b>Popovici, D.</b> , Pântea, O., Neagoe, St., Steel Corrosion in Aqueous Media from Vacuum Distillation Plants, Revista de Chimie, 56(5) 2005, p. 556 – 558 (WOS 000231256800026)	0 / (0.278)
3.	Trîmbițașu, E., Popovici, D., Pântea, O., Iliescu, R.O., Mihai, S., Aspects of Pollution of Soil with Oil and Salted Water, Scientific Study And Research-Chemistry And Chemical Engineering Biotechnology Food Industry, 7(2) 2006, p.469 – 478 (WOS 000217188000024)	0 / (0)
4.	<b>Popovici, D.</b> , Jugănar, T., Bomboș, D., Dușescu, C., Matei, V., Citral hydrogenation on Cu-Cr-Ba catalysts, Revista de Chimie, 57(5) 2006, p. 545 – 548 (WOS 000239132800021)	0 / (0.287)
5.	Pântea, O., Matei, D., Trîmbițașu, E., <b>Popovici, D.</b> , Matei, V., Bomboș, D., Corrosion Study of Some Steels and Alloys in Gasoline, Journal of the Balkan Tribological Association, 13(1) 2007, p. 38-41 (WOS 000255213800005)	0 / (0)
6.	<b>Popovici, D.</b> , Bolocan, I., Matei, V., Matei, D., Bomboș, D., Dușescu, C., Spinel catalysts for the catalytic combustion of toluen, Revista de Chimie, 59(1) 2008, p. 88 – 91 (WOS 000254305100019)	0 / (0.389)
7.	Cangea, O., <b>Popovici, D.</b> , Pântea, O., Studying the Efficiency of Retaining Ammonium on Modified Natural Zeolites Using MATLAB® Software Programs, Revista de Chimie, 59(7) 2008, p. 802 – 807 (WOS 000259310500019)	0 / (0.389)
8.	Dușescu, C., Bomboș, D., Jugănar, T., <b>Popovici, D.</b> , Bolocan, I., Influence of Emulsified Fuel Composition on Their Physical and Chemical Properties, Revista de Chimie, 60(7) 2009, p. 719 – 723 (WOS 000269089200015)	0 / (0.552)
9.	Dușescu, C., Roșca, P., Bomboș, D., Jugănar, T., <b>Popovici, D.</b> , Dragomir, R., Hydrogen from Glycerol by Steam Reforming, Revista de Chimie, 63(2) 2012, p. 229-231 (WOS 000301566400020)	0 / (0.538)
10.	Neagu, M., <b>Popovici, D.*</b> , Kinetics and Mechanism of p-toluidine Adsorption onto Granular Activated Carbon, Revista de Chimie, 66(7) 2015, p.1004-1008 (WOS 000359179900017)	0 / (0.956)
11.	<b>Popovici, D.</b> , Dusescu, C., Neagu, M., Removal of Phenol from Aqueous Solutions on Activated Carbon Obtained from Coffee Grounds, Revista de Chimie, 67(4) 2016, p.751-756 (WOS 000376549200033)	0 / (1.232)
12.	Neagu, M., <b>Popovici, D.R.*</b> , Dusescu, CM., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon I. Kinetics studies and data modeling, Revista de Chimie, 68(1) 2017, p.139-142, <a href="https://doi.org/10.37358/RC.17.1.5406">https://doi.org/10.37358/RC.17.1.5406</a> (WOS 000395499200030)	0 / (1.412)
13.	Popescu (Stanica), A.I., Bombos, M., <b>Popovici D.R.*</b> , Bombos, D., Bolocan, I., Hydrogenation of Naphtalene on Pt-Pd Catalyst, Revista de Chimie, 68(2) 2017, p.210-214 (WOS 000397043100003)	0 / (1.412)

14.	Neagu, M., <b>Popovici, D.R.*</b> , Vijan, LE., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon II. Mechanism studies and data modeling, Revista de Chimie, 2017, 68(3), p. 496-499., ISSN 0034-7752 <a href="https://doi.org/10.37358/RC.17.3.5486">https://doi.org/10.37358/RC.17.3.5486</a> (WOS 000400731900015)	0 / (1.412)
15.	Mihai, O., Pântea, O., <b>Popovici, D.R.</b> , Gheorghe, C.G., Evaluation of Metal Contents in Correlation with Phytosanitary Treatments at Vineyard, Revista de Chimie, vol. 68, nr.6, 2017, p.1387-1391 (WOS 000408702900029)	0 / (1.412)
16.	Doukeh, R., Bomboș, M., Trifoi, A., Mihai, O., <b>Popovici, D.</b> , Bolocan, I., Bomboș, D., Kinetics of thiophene hydrodesulfurization over a supported Mo-Co-Ni catalyst, Comptes Rendus Chimie, 21(3-4) 2018, p.277-287, <a href="http://dx.doi.org/10.1016/j.crci.2017.07.001">http://dx.doi.org/10.1016/j.crci.2017.07.001</a>	1.2 1.2/7= 0.171
17.	Dușescu, C., Jugănar, T., Bomboș, D., Mihai, O., <b>Popovici, D.*</b> , Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, <a href="http://dx.doi.org/10.1016/j.crci.2017.06.006">http://dx.doi.org/10.1016/j.crci.2017.06.006</a>	1.2
18.	Ilie, L., Mihalache, M., Vasile Scăteanu, G., Madjar, R.M., <b>Popovici, D.R.</b> , Effect of Sewage Sludge Amended Soil on Maize Crop II. Influence on metal accumulation, Revista de Chimie, 69(5) 2018, p.1166-1172 (WOS 000434954100027)	0 / (1.605)
19.	Doukeh, R., Bombos, M., <b>Popovici, D.</b> , Pasare, M., Bolocan, I., Effect of Support on the Performance of CoMoRe Catalyst in Thiophene and Benzothiophene Hydrodesulfurization, Revista de Chimie, 70(1) 2019, p.27-32 (WOS 000460428100006)	0 / (1.755)
20.	Doukeh, R., <b>Popovici, D.</b> , Trifoi, A., Bombos, M., Banu, I., A study on the alkylation of m-cresol with 1-decene over mesoporous silica supported tungstophosphoric acid (HPW), Reaction Kinetics, Mechanisms and Catalysis, 131(2) 2020, p.793-804, <a href="https://doi.org/10.1007/s11144-020-01895-5">https://doi.org/10.1007/s11144-020-01895-5</a>	1.7 1.7/5=0.34
21.	<b>Popovici, D.</b> , Neagu, M., Dusescu-Vasile, C., Bombos, D., Mihai, S., Oprescu, E., Adsorption of p-nitrophenol onto activated carbon prepared from fir sawdust: isotherm studies and error analysis, Reaction Kinetics, Mechanisms and Catalysis, 133 2021, p. 483–500, <a href="https://doi.org/10.1007/s11144-021-01997-8">https://doi.org/10.1007/s11144-021-01997-8</a>	1.7
22.	Marinescu, M., <b>Popovici, D.R.</b> , Bomboș, D., Vasilevici, G., Roșca, P., Oprescu, E.E., Bolocan, I., Hydrodeoxygenation and hydrocracking of oxygenated compounds over CuPd/γ-Al <sub>2</sub> O <sub>3</sub> -ZSM-5 catalyst, Reaction Kinetics, Mechanisms and Catalysis, 133(2) 2021, p. 1013–1026, <a href="https://doi.org/10.1007/s11144-021-02029-1">https://doi.org/10.1007/s11144-021-02029-1</a>	1.7 1.7/7=0.242
23.	Bondarev, A., <b>Popovici, D.R.</b> , Calin, C., Mihai, S., Sîrbu, E.E., Doukeh, R., Black Tea Waste as Green Adsorbent for Nitrate Removal from Aqueous Solutions, Materials, 16(12), 4285, 2023, <a href="https://doi.org/10.3390/ma16124285">https://doi.org/10.3390/ma16124285</a>	3.1 3.1/6=0.517
24.	Gheorghe, V., Gheorghe, CG., <b>Popovici, D.R.</b> , Mihai, S., Calin, C., Sarbu, EE., Doukeh, R., Grigoriu, N., Toader, CN., Epure, C., Matei, V., Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzylidene Malononitrile (CBM) by Biological Selective Media, TOXICS, 2023, 11(8), p.672, ISSN 2305-6304 <a href="https://doi.org/10.3390/toxics11080672">https://doi.org/10.3390/toxics11080672</a>	3.9 (3.9/11= 0.354)
25.	Marinescu, M.*, Ciuparu, D., Bomboș, D., Dușescu-Vasile, C.M., <b>Popovici, D.R.</b> , Matei, V., Hydrogenolysis Of Palm Oil Derived Methyl Esters Over Niobium And Tungsten Base Catalysts, Studia Ubb Chemia, LXVIII(3) 2023, p. 71-98, DOI:10.24193/subbchem.2023.3.05	0.5 0.5/6=0.083
26.	Gheorghe, V., Gheorghe, C.G.*, <b>Popovici, D.R.*</b> , Mihai, S., Dragomir, R., Somoghi, R., Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering, 11, 2024 p.623, <a href="https://doi.org/10.3390/bioengineering11060623">https://doi.org/10.3390/bioengineering11060623</a>	3.8
27.	Calin, C., Dinita, A., Branoiu, G., <b>Popovici, D.R.*</b> , Tanase, M., Sirbu, EE., Portoaca, A., Mihai S., Assessment of Environmental Impact of Glass-Fiber-Reinforced Polymer Pipes Mechanical and Thermal Properties, POLYMERS, 16(13), 2024, p. 1779, <a href="https://doi.org/10.3390/polym16131779">https://doi.org/10.3390/polym16131779</a>	4.7
28.	Lixandru Matei, I.L., Alexandru Sava, B., Sarosi, C., Dușescu-Vasile, C., <b>Popovici, D.R.*</b> , Ionescu, A.I., Bomboș, D., Băjan, M., Doukeh, R.*, The Influence of PEG 4000 on	4.4

	the Physical and Microstructural Properties of 58S Bioactive Glasses, Nanomaterials, 14(1323), 2024, <a href="https://doi.org/10.3390/nano14161323">https://doi.org/10.3390/nano14161323</a>	
29	Călin, C., Sîrbu, E.E., Tănase, M., Gyorgy, R., <b>Popovici, D.R.*</b> , Banu, I.*, A Thermogravimetric Analysis of Biomass Conversion to Biochar: Experimental and Kinetic Modeling, Applied Sciences, 14 p.9856 <a href="https://doi.org/10.3390/app14219856">https://doi.org/10.3390/app14219856</a>	2.5

\* pentru articolele publicate în *Revista de Chimie*, *Scientific Study And Research-Chemistry And Chemical Engineering Biotechnology Food Industry*, și *Journal of the Balkan Tribological Association*

NT = 29

## NUMĂR ARTICOLE ÎN REVISTE ISI CA AUTOR PRINCIPAL (PRIM AUTOR SAU AUTOR DE CORESPONDENȚĂ) (NP)

Nr.crt.	ARTICOL	OBSERVAȚII	FI (valabil la momentul depunerii dosarului)	FI >1
1.	<b>Popovici, D.</b> , Pântea, O., Antonescu, N.N., Matei, V., Trîmbițașu, E., Bomboș, D., Substanțe higroscopice și delicvescente – componente ale aditivilor de reducere a conținutului de aerosoli, <i>Revista de Chimie</i> , 7(55) 2004, p. 488 – 491	Prim autor	0	NU
2.	<b>Popovici, D.</b> , Jugănar, T., Bomboș, D., Dușescu, C., Matei, V., Hidrogenarea citralului pe catalizatori Cu-Cr-Ba, <i>Revista de Chimie</i> , 57(5) 2006, p. 545 – 548	Prim autor	0	NU
3.	<b>Popovici, D.</b> , Bolocan, I., Matei, V., Matei, D., Bomboș, D., Dușescu, C., Catalizatori de tip spineli pentru combustia catalitică a toluenului, <i>Revista de Chimie</i> , 59(1) 2008, p. 88 – 91	Prim autor	0	NU
4.	Neagu, M., <b>Popovici, D.*</b> , Kinetics and Mechanism of p-toluidine Adsorption onto Granular Activated Carbon, <i>Revista de Chimie</i> , 66(7) 2015, p.1004-1008	Autor de corespondență	0	NU
5.	<b>Popovici, D.</b> , Duseșcu, C., Neagu, M., Removal of Phenol from Aqueous Solutions on Activated Carbon Obtained from Coffee Grounds, <i>Revista de Chimie</i> , 67(4) 2016, p.751-756	Prim autor	0	NU
6.	Neagu, M., <b>Popovici, D.R.*</b> , Duseșcu, C.M., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon I. Kinetics studies and data modeling, <i>Revista de Chimie</i> , 68(1) 2017, p.139-142, <a href="https://doi.org/10.37358/RC.17.1.5406">https://doi.org/10.37358/RC.17.1.5406</a>	Autor de corespondență	0	NU
7.	Popescu (Stanica), A.I., Bombos, M., <b>Popovici D.R.*</b> , Bombos, D., Bolocan, I., Hydrogenation of Naphtalene on Pt-Pd Catalyst, <i>Revista de Chimie</i> , 68(2) 2017, p.210-214	Autor de corespondență	0	NU
8.	Neagu, M., <b>Popovici, D.R.*</b> , Vijan, L.E., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon II. Mechanism studies and data modeling,	Autor de corespondență	0	NU

	Revista de Chimie, 2017, 68(3), p. 496-499,. ISSN 0034-7752 <a href="https://doi.org/10.37358/RC.17.3.5486">https://doi.org/10.37358/RC.17.3.5486</a>			
9.	Dușescu., C., Jugănar, T., Bomboș, D., Mihai, O., <b>Popovici, D.*</b> , Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, <a href="http://dx.doi.org/10.1016/j.crci.2017.06.006">http://dx.doi.org/10.1016/j.crci.2017.06.006</a>	Autor de corespondență	1,2	DA
10.	<b>Popovici, D.</b> , Neagu, M., Dusescu-Vasile, C., Bombos, D., Mihai, S., Oprescu, E., Adsorption of p-nitrophenol onto activated carbon prepared from fir sawdust: isotherm studies and error analysis, Reaction Kinetics, Mechanisms and Catalysis, 133 2021, p. 483–500, <a href="https://doi.org/10.1007/s11144-021-01997-8">https://doi.org/10.1007/s11144-021-01997-8</a>	Prim autor	1.7	DA
11.	Gheorghe, V., Gheorghe, C.G.*, <b>Popovici, D.R.*</b> , Mihai, S., Dragomir, R., Somoghi, R., Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering, 11, 2024 p.623, <a href="https://doi.org/10.3390/bioengineering11060623">https://doi.org/10.3390/bioengineering11060623</a>	Autor de corespondență	3.8	DA
12.	Calin, C., Dinita, A., Branoiu, G., <b>Popovici, D.R.*</b> , Tanase, M., Sirbu, EE., Portoaca, A., Mihai S., Assessment of Environmental Impact of Glass-Fiber-Reinforced Polymer Pipes Mechanical and Thermal Properties, POLYMERS, 16(13), 2024, p. 1779, <a href="https://doi.org/10.3390/polym16131779">https://doi.org/10.3390/polym16131779</a>	Autor de corespondență	4.7	DA
13.	Lixandru Matei, I.L., Alexandru Sava, B., Sarosi, C., Dușescu-Vasile, C., <b>Popovici, D.R.*</b> , Ionescu, A.I., Bomboș, D., Băjan, M., Doukeh, R.*, The Influence of PEG 4000 on the Physical and Microstructural Properties of 58S Bioactive Glasses, Nanomaterials, 14(1323), 2024, <a href="https://doi.org/10.3390/nano14161323">https://doi.org/10.3390/nano14161323</a>	Autor de corespondență	4.4	DA
14.	Călin, C., Sirbu, E.E., Tănase, M., Gyorgy, R., <b>Popovici, D.R.*</b> , Banu, I.*, A Thermogravimetric Analysis of Biomass Conversion to Biochar: Experimental and Kinetic Modeling, Applied Sciences, 14 p.9856 <a href="https://doi.org/10.3390/app14219856">https://doi.org/10.3390/app14219856</a>	Autor de corespondență	2.5	DA

**NP =14 (DIN CARE 6 CU FI > 1)**

## FIȘĂ DE CALCUL A FACTORULUI DE IMPACT (FIC)

Nr. crt.	ARTICOL	FI (valabil la momentul depunerii dosarului)	AUTOR PRINCI PAL (prim autor sau autor de corespon dență)	NR. AUTORI	FI/ NR. AUTORI
1	Trîmbițașu, E., <b>Popovici, D.</b> , Bomboș, D., Pântea, O., Efficiency measurement of some inhibitors based to imidazole in acid medium, in presence of bits drilling alloy, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 63(3) 2001, p. 277-282	0	NU	4	0
2.	<b>Popovici, D.</b> , Pântea, O., Antonescu, N.N., Matei, V., Trîmbițașu, E., Bomboș, D., Substanțe higroscopice și delicvescente – componente ale aditivilor de reducere a conținutului de aerosoli, Revista de Chimie, 7(55) 2004, p. 488 – 491	0	DA	-	-
3.	Trîmbițașu, E., <b>Popovici, D.</b> , Pântea, O., Neagoe, St., Coroziunea oțelurilor în medii apoase din rafinării, Revista de Chimie, 56(5) 2005, p. 556 – 558	0	NU	4	0
4.	<b>Popovici, D.</b> , Jugănar, T., Bomboș, D., Dușescu, C., Matei, V., Hidrogenarea citralului pe catalizatori Cu-Cr-Ba, Revista de Chimie, 57(5) 2006, p. 545 – 548	0	DA	-	-
5.	Pântea, O., Matei, D., Trîmbițașu, E., <b>Popovici, D.</b> , Matei, V., Bomboș, D., Corrosion Study of Some Steels and Alloys in Gasoline, Journal of the Balkan Tribological Association, 13(1) 2007, p. 38-41	0	NU	6	0
6.	<b>Popovici, D.</b> , Bolocan, I., Matei, V., Matei, D., Bomboș, D., Dușescu, C., Catalizatori de tip spineli pentru combustia catalitică a toluenului, Revista de Chimie, 59(1) 2008, p. 88 – 91	0	DA	-	-
7.	Cangea, O., <b>Popovici, D.</b> , Pântea, O., Studying the Efficiency of Retaining Ammonium on Modified Natural Zeolites Using MATLAB® Software Programs, Revista de Chimie, 59(7) 2008, p. 802 – 807	0	NU	3	0
8.	Dușescu, C., Bomboș, D., Jugănar, T., <b>Popovici, D.</b> , Bolocan, I., Influence of Emulsified Fuel Composition on Their Physical and Chemical Properties, Revista de Chimie, 60(7) 2009, p. 719 – 723	0	NU	5	0
9.	Dușescu, C., Roșca, P., Bomboș, D., Jugănar, T., <b>Popovici, D.</b> , Dragomir, R., Hydrogen from	0	NU	6	0

	Glycerol by Steam Reforming, Revista de Chimie, 63(2) 2012, p. 229-231				
10.	Neagu, M., <b>Popovici, D.*</b> , Kinetics and Mechanism of p-toluidine Adsorption onto Granular Activated Carbon, Revista de Chimie, 66(7) 2015, p.1004-1008	0	DA	-	-
11.	<b>Popovici, D.</b> , Dulescu, C., Neagu, M., Removal of Phenol from Aqueous Solutions on Activated Carbon Obtained from Coffee Grounds, Revista de Chimie, 67(4) 2016, p.751-756	0	DA	-	-
12.	Neagu, M., <b>Popovici, D.R.*</b> , Dulescu, CM., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon I. Kinetics studies and data modeling, Revista de Chimie, 68(1) 2017, p.139-142, <a href="https://doi.org/10.37358/RC.17.1.5406">https://doi.org/10.37358/RC.17.1.5406</a>	0	DA	-	-
13.	Popescu (Stanica), A.I., Bombos, M., <b>Popovici D.R.*</b> , Bombos, D., Bolocan, I., Hydrogenation of Naphtalene on Pt-Pd Catalyst, Revista de Chimie, 68(2) 2017, p.210-214	0	DA	-	-
14.	Neagu, M., <b>Popovici, D.R.*</b> , Vijan, LE., Calin, C., Adsorption of p-Cresol by Mesoporous Activated Carbon II. Mechanism studies and data modeling, Revista de Chimie, 2017, 68(3), p. 496-499,. ISSN 0034-7752 <a href="https://doi.org/10.37358/RC.17.3.5486">https://doi.org/10.37358/RC.17.3.5486</a>	0	DA	-	-
15.	Mihai, O., Pântea, O., <b>Popovici, D.R.</b> , Gheorghe, C.G., Evaluation of Metal Contents in Correlation with Phytosanitary Treatments at Vineyard, Revista de Chimie, vol. 68, nr.6, 2017, p.1387-1391	0	NU	4	0
16	Doukeh, R., Bomboș, M., Trifoi, A., Mihai, O., <b>Popovici, D.</b> , Bolocan, I., Bomboș, D., Kinetics of thiophene hydrodesulfurization over a supported Mo-Co-Ni catalyst, Comptes Rendus Chimie, 21(3-4) 2018, p.277-287, <a href="http://dx.doi.org/10.1016/j.crci.2017.07.001">http://dx.doi.org/10.1016/j.crci.2017.07.001</a>	1.2	NU	7	0.171
17.	Dulescu., C., Jugănar, T., Bomboș, D., Mihai, O., <b>Popovici, D.*</b> , Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, <a href="http://dx.doi.org/10.1016/j.crci.2017.06.006">http://dx.doi.org/10.1016/j.crci.2017.06.006</a>	1.2	DA	-	1.2
18.	Ilie, L., Mihalache, M., Vasile Scăețeanu, G., Madjar, R.M., <b>Popovici, D.R.</b> , Effect of Sewage Sludge Amended Soil on Maize Crop II. Influence on metal accumulation, Revista de Chimie, 69(5) 2018, p.1166-1172	0	NU	5	0
19.	Doukeh, R., Bombos, M., <b>Popovici, D.</b> , Pasare, M., Bolocan, I., Effect of Support on the Performance of CoMoRe Catalyst in Thiophene	0	NU	5	0



	and Benzothiophene Hydrodesulfurization, Revista de Chimie, 70(1) 2019, p.27-32				
20.	Doukeh, R., <b>Popovici, D.</b> , Trifoi, A., Bombos, M., Banu, I., A study on the alkylation of m-cresol with 1-decene over mesoporous silica supported tungstophosphoric acid (HPW), Reaction Kinetics, Mechanisms and Catalysis, 131(2) 2020, p.793-804, <a href="https://doi.org/10.1007/s11144-020-01895-5">https://doi.org/10.1007/s11144-020-01895-5</a>	1.7	NU	5	0.34
21.	<b>Popovici, D.</b> , Neagu, M., Dusescu-Vasile, C., Bombos, D., Mihai, S., Oprescu, E., Adsorption of p-nitrophenol onto activated carbon prepared from fir sawdust: isotherm studies and error analysis, Reaction Kinetics, Mechanisms and Catalysis, 133 2021, p. 483–500, <a href="https://doi.org/10.1007/s11144-021-01997-8">https://doi.org/10.1007/s11144-021-01997-8</a>	1.7	DA	-	1.7
22.	Marinescu, M., <b>Popovici, D.R.</b> , Bomboș, D., Vasilievici, G., Roșca, P., Oprescu, E.E., Bolocan, I., Hydrodeoxygenation and hydrocracking of oxygenated compounds over CuPd/γ-Al <sub>2</sub> O <sub>3</sub> -ZSM-5 catalyst, Reaction Kinetics, Mechanisms and Catalysis, 133(2) 2021, p. 1013–1026, <a href="https://doi.org/10.1007/s11144-021-02029-1">https://doi.org/10.1007/s11144-021-02029-1</a>	1.7	NU	7	0.242
23.	Bondarev, A., <b>Popovici, D.R.</b> , Calin, C., Mihai, S., Sîrbu, E.E., Doukeh, R., Black Tea Waste as Green Adsorbent for Nitrate Removal from Aqueous Solutions, Materials, 16(12), 4285, 2023, <a href="https://doi.org/10.3390/ma16124285">https://doi.org/10.3390/ma16124285</a>	3.1	NU	6	0.516
24.	Gheorghe, V., Gheorghe, CG., <b>Popovici, D.R.</b> , Mihai, S., Calin, C., Sarbu, EE., Doukeh, R., Grigoriu, N., Toader, CN., Epure, C., Matei, V., Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media, TOXICS, 2023, 11(8), p.672, ISSN 2305-6304 <a href="https://doi.org/10.3390/toxics11080672">https://doi.org/10.3390/toxics11080672</a>	3.9	NU	11	0.354
25.	Marinescu, M.*, Ciuparu, D., Bomboș, D., Dușescu-Vasile, C.M., <b>Popovici, D.R.</b> , Matei, V., Hydrogenolysis Of Palm Oil Derived Methyl Esters Over Niobium And Tungsten Base Catalysts, Studia Ubb Chemia, LXVIII(3) 2023, p. 71-98, DOI:10.24193/subbchem.2023.3.05	0.5	NU	6	0.083
26.	Gheorghe, V., Gheorghe, C.G.*, <b>Popovici, D.R.*</b> , Mihai, S., Dragomir, R., Somoghi, R., Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering, 11, 2024 p.623, <a href="https://doi.org/10.3390/bioengineering11060623">https://doi.org/10.3390/bioengineering11060623</a>	3.8	DA	-	3.8
27.	Calin, C., Dinita, A., Branoiu, G., <b>Popovici, D.R.*</b> , Tanase, M., Sirbu, EE., Portoaca, A., Mihai S., Assessment of Environmental Impact of Glass-Fiber-Reinforced Polymer Pipes Mechanical and Thermal Properties, POLYMERS, 16(13), 2024, p. 1779, <a href="https://doi.org/10.3390/polym16131779">https://doi.org/10.3390/polym16131779</a>	4.7	DA	-	4.7
28	Lixandru Matei, I.L., Alexandru Sava, B., Sarosi, C., Dușescu-Vasile, C., <b>Popovici, D.R.*</b> , Ionescu, A.I., Bomboș, D., Băjan, M., Doukeh, R.*, The Influence of PEG 4000 on the Physical and Microstructural Properties of 58S Bioactive	4.4	DA	-	4.4

	Glasses, Nanomaterials, 14(1323), 2024, <a href="https://doi.org/10.3390/nano14161323">https://doi.org/10.3390/nano14161323</a>				
29.	Călin, C., Sîrbu, E.E., Tănase, M., Gyorgy, R., <b>Popovici, D.R.*</b> , Banu, I.*, A Thermogravimetric Analysis of Biomass Conversion to Biochar: Experimental and Kinetic Modeling, Applied Sciences, 14 p.9856 <a href="https://doi.org/10.3390/app14219856">https://doi.org/10.3390/app14219856</a>	2.5	DA	-	2.5
<b>FIC - factor de impact cumulată (suma factorilor de impact ale revistelor la momentul depunerii dosarului)</b>					<b>20.006</b>

Nr. crt.	Brevetul, autorii, titlul brevetului, instituția care l-a acordat, țara în care se află instituția, data acordării brevetului.	Tipul brevetului (național/internațional)	Factorul de impact ce revine candidatului
1.	Brevet nr. 122910-B1, Ionescu Constantin, Matei Vasile, Popovici Daniela, Jugănaru Traian, Cristu Zoia, Bomboș Mihaela, Stanciu Iulian, Bomboș Dorin, Petre Mariana, Tita Mihaela, Procedeu de preparare a unor derivați de fenol împiedicați steric, utili ca aditivi antioxidanți pentru combustibili auto, OSIM, România, 30.04.2010	național	1
2.	Brevet nr. 123444-B1, Catalizator și procedeu de obținere a alcoolilor nesaturați cu caracteristici de parfumare, Ionescu Constantin, Matei Vasile, Popovici Daniela, Jugănaru Traian, Dușescu Cristina, Bomboș Mihaela, Bomboș Dorin, Stanciu Iulian, Bala Camelia, OSIM, România, 30.05.2012	național	1
3.	Brevet nr. 122490-B1, Bomboș Dorin, Bomboș Mihaela, Șerban Sever, Vasilevici Gabriel, Bacalum Fănica, Dumitrescu Ștefania, Ionescu Constantin, Matei Vasile, Popovici Daniela, Jugănaru Traian, Dușescu Cristina, Bala Camelia, Catalizator bifuncțional pe bază de rășini schimbătoare de ioni, OSIM, România, 30.07.2009	național	1
4.	Brevet nr. 122545-B1, Compoziție pentru reducerea conținutului de praf și aerosoli rutieri, Bomboș Dorin, Bomboș Mihaela, Șerban Sever, Vasilevici Gabriel, Bacalum Fănica, Dumitrescu Ștefania, Ionescu Constantin, Matei Vasile, Popovici Daniela, Jugănaru Traian, Dușescu Cristina, Pătrașcu Adriana, Bala Camelia, OSIM, România, 28.08.2009	național	1
5.	Brevet nr. 126668-B1, Procedeu de obținere a unui combustibil lichid de focare Bomboș Dorin, Bolocan Ion, Popovici Daniela, Pântea Octav, Dușescu Cristina, Jugănaru Traian, Bondarev Andreea, Mihai Sonia, Bozga Grigore, Bomboș Mihaela, Vasilevici Gabriel, Bolma Ion, Zaharia Emil, OSIM, România, 29.06.2012	național	1
6.	Brevet nr. 126377-B1, Catalizator pentru reformarea bioalcoolilor, Roșca Paul, Bomboș Dorin, Matei Vasile, Dușescu Cristina, Popovici Daniela, Jugănaru Traian, Dragomir Raluca, Bumbac Gheorghe, Bomboș Mihaela, Vasilevici Gabriel, OSIM, România, 29.11.2013	național	1
<b>FIC din brevete</b>			<b>6</b>

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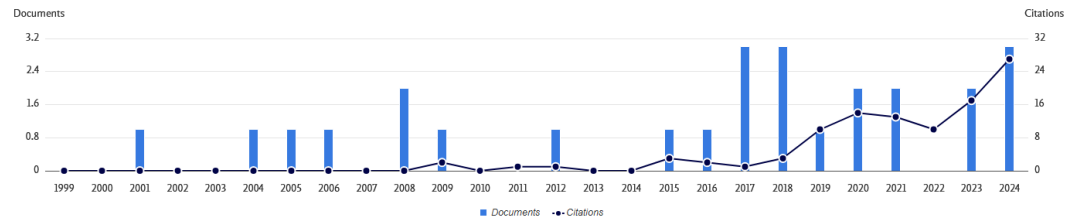


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