



ROMÂNIA
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII
UNIVERSITATEA „VASILE ALECSANDRI” DIN
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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. Dușescu – Vasile Cristina Maria

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

Standarde minimale necesare și obligatorii	Minim prevăzut	Realizat
Număr total de articole în reviste ISI (NT)	$NT \geq 25$	28
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 $FI > 1$)	$NP \geq 10$	16
	$NP \text{ (cu } FI > 1) \geq 6$	10
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	$41.01 + 7 = 48.01$
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	123 (SCOPUS)

NUMĂR TOTAL ARTICOLE ISI (NT)

Nr.crt.	Articol	FI (valabil la momentul depunerii dosarului)	FI* (valabil la momentul publicării)
1	Brebeanu, Gh., Manea, F., Dușescu, C. , Studiu cu privire la hidrocarburile aromatice policiclice din bitum, Revista de Chimie, 2005, 56(4), p. 429-431, (WOS:000229981900025)	0	0.278
2	Popovici, D., Jugănar, T., Bomboș, D., Dușescu, C. , Matei, V., Citral hydrogenation on CuCr-Ba catalysts, Revista de Chimie, 57(5) 2006, p. 545 – 548 (WOS:000239132800021)	0	0.278
3	Yangsheng, G., Lili, C., Qingfang, Z., Brebeanu, G., Dușescu, C. , Roșca, P., Study on aromatic enrichment of FCC slurry for synthesizing COPNA, Revista de Chimie, 57(6), 2006, p.645-649 (WOS:000240305900018)	0	0.278
4	Yangsheng, G., Lili, C., Qingfang, Z., Brebeanu, G., Dușescu, C. , Roșca, P., Study on Composition Changes in Co-Carbonization of FCC Slurry and Vacuum Residue, Revista de Chimie, 57(7), 2006, p. 755-758, (WOS:000241770900019)	0	0.278
5	Popovici, D., 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
6	Dușescu, C. , Borcea, A., Matei, V., Popa, I., Rădulescu, I. G., Diesel Biofuels - Preparation, Characterization and Testing, Revista de Chimie, 59 (11), 2008, p. 1271-1275, (WOS:000261748400026)	0	0.389
7	Dușescu, C. , Bomboș, D., Jugănar, T., Popovici, D., 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
8	Bombos, D., Bombos, M., Bolocan, I., Vasilievici, G., Dușescu, C. , Zaharia, E., Assessing the nature of emulsified fuels by rheological property, Revista de Chimie, 61(9), 2010, p. 862-865 (WOS:000284137400012)	0	0.693
9	C. Dușescu, I. Bolocan, The Glycerol Hydrogenolysis on New Supported Catalysts, Revista de Chimie, 63(3), 2012, p.305 – 309 (WOS:000303091400013)	0	0.538
10	C. Dușescu, I. Bolocan, New catalysts for the glycerol hydrogenolysis, Revista de Chimie, 63(7), 2012, p.732-738 (WOS:000308731500019)	0	0.538
11	Dușescu, C. , Roșca, P., Bomboș, D., Jugănar, T., Popovici, D., Dragomir, R., Hydrogen from Glycerol by Steam Reforming, Revista de Chimie, 63(2) 2012, p. 229-231 (WOS 000301566400020)	0	0.538
12	Popovici, D., Dușescu, 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
13	Gheorghe, C. G., Dușescu, C.* , Carbureanu, M., Asphaltenes Biodegradation in Biosystems Adapted on Selective Media, Revista de Chimie, 67(10), 2016, p. 2106-2110 (WOS:000388359900045)	0	1.232
14	Neagu, M., Popovici, D.R., Dușescu, C.M. , 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, https://doi.org/10.37358/RC.17.1.5406 (WOS 000395499200030)	0	1.412
15	Dușescu, C. , Jugănar, T., Bomboș, D., Miha, O., Popovici, D., Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, http://dx.doi.org/10.1016/j.crci.2017.06.006 (WOS:000428095300015)	1.3	

16	Popovici, D., Neagu, M., Dușescu-Vasile, C. , Bombos, D., Mihai, S., Opreșcu, 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, https://doi.org/10.1007/s11144-021-01997-8 (WOS:000654084500002)	2.1	
17	Marinescu, M., Ciuparu, D., Bomboș, D., Dușescu-Vasile, C.M. , Popovici, D.R., 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 (WOS:001100374900005)	0.5	
18	Săpunaru, O. V., Sterpu, A.E., Vodounon, C. A., Nasr, J., Dușescu-Vasile, C. , Osman, S., Koncsag, C. I., Lubricating Greases from Fried Vegetable Oil—Preparation and Characterization, Lubricants, 2024, 12(6), 197, https://doi.org/10.3390/lubricants12060197 , (WOS:001256830700001)	3.6	
19	Lixandru Matei, I.L., Sava, B. A., Sarosi, C., Dușescu-Vasile, C. , Popovici, D. R., Bomboș, D., Băjan, M., Doukeh, R., The Influence of PEG 4000 on the Physical and Microstructural Properties of 58S Bioactive Glasses, Nanomaterials, 2024, 14 (16), 1323, https://doi.org/10.3390/nano14161323 (WOS:001305282100001)	4.8	
20	Popovici, D.R., Gheorghe, C.G., Dușescu-Vasile, C.M. , Assessment of the Active Sludge Microorganisms Population During Wastewater Treatment in a Micro-Pilot Plant, Bioengineering, 2024, 11(12), 1306, https://doi.org/10.3390/bioengineering11121306 (WOS:001387124300001)	4.4	
21	Sanda, M., Onuțu, I., Dușescu-Vasile, C. M. , Vasilievici, G., Bomboș, D., Băjan, M., Brănoiu, G., Removal of Butyl Mercaptan from Gas Streams by Reactive Adsorption, Molecules, 2025, 30 (9), 1962, https://doi.org/10.3390/molecules30091962 (WOS:001486450500001)	5.1	
22	Gheorghe, C. G., Dușescu-Vasile, C.M. , Popovici, D. R., Bomboș, D., Dragomir, R. E., Dima, F.M., Bajan, M., Vasilievici, G., Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of Spirulina platensis Algae, Toxics, 2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	4.9	
23	Charif, M. L. , Ciuparu, D.M., Lixandru Matei, I. L. , Vasilievici, G., Banu, I., Băjan, M. , Bomboș, D., Dușescu-Vasile, C. , Ghețiu, I. V. , Panaitescu, C., Doukeh, R., An Experimental Study of Glycerol Carbonate Synthesis over g-C ₃ N ₄ Catalysts, Appl. Sci., 2025, 15(11), 6236; DOI: 10.3390/app15116236 (WOS:001506501600001)	2.9	
24	Doicin, B., Dușescu-Vasile, C. M. , Onuțu, I., Băjan, M., Bombos, D., Vasilievici, G., Estimation of Properties of Petrodiesel—Biodiesel Mixtures Using an Artificial Neural Network, Processes, 2025, 13(6), 1769; https://doi.org/10.3390/pr13061769 (WOS:001514978900001)	3.4	
25	Lixandru Matei, I.L., Sava, B. A., Sarosi, C., Dușescu-Vasile, C.M. , Ionescu, A. I. , Baioun, A., Băjan, M., Brănoiu, G., Popovici, D. R., Stănică, A.I., Bomboș, D., Influence of Retinol Dermal Delivery Formulation on Its Stability Characteristics, Gels, 2025, 11(12), 935; https://doi.org/10.3390/gels11120935 (WOS:001646626900001)	6.4	
26	Vasilievici, G., Sanda, M., Băjan, M., Dușescu-Vasile, C. , Onuțu, I., Brănoiu, G., Bomboș, D., Baioun, A., Borcea, A. F., Stănică, A. I., Synthesis and Characterization of Biochar Obtained by Partial Delignification of Waste Biomass, Molecules, 2025, 30(23), 4505, https://doi.org/10.3390/molecules30234505 (WOS:001635022500001)	5.1	
27	Dragomir, R. E., Gheorghe, C. G., Manta, A. M., Movileanu, D. L., Bomboș, D., Dușescu-Vasile, C. M. , Ecotoxicological Monitoring of DSS Microorganisms and Quorum Sensing-Mediated Behavior Control over	4.9	

	Metal Corrosion of Al, Zn and Fe, Toxics, 2026,14(4), 297, https://doi.org/10.3390/toxics14040297 (WOS:001750530000001)		
28	Bădicioiu, M., Rîpeanu, R. G., Dușescu-Vasile, C. M. , Călțaru, M. M., Portoacă, A. I., Experimental Study of Wear Behavior Under Friction for Fused Filament Fabrication Components, Materials, 2026, 19(8), 1575; https://doi.org/10.3390/ma19081575 (WOS:001750113100001)	3.7	

* pentru articolele publicate în reviste care nu mai au FI la momentul depunerii dosarului

NT = 28

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.	Dușescu, C. , Borcea, A., Matei, V., Popa, I., Rădulescu, I. G., Diesel Biofuels - Preparation, Characterization and Testing, Revista de Chimie, 59 (11), 2008, p. 1271-1275, (WOS:000261748400026)	Prim autor	0	NU
2.	Dușescu, C. , Bomboș, D., Jugănar, T., Popovici, D., Bolocan, I., Influence of Emulsified Fuel Composition on Their Physical and Chemical Properties, Revista de Chimie, 60(7) 2009, p. 719 – 723 (WOS:000269089200015)	Prim autor	0	NU
3.	C. Dușescu, I. Bolocan, The Glycerol Hydrogenolysis on New Supported Catalysts, Revista de Chimie, 63(3), 2012, p.305 – 309 (WOS:000303091400013)	Prim autor	0	NU
4.	C. Dușescu, I. Bolocan, New catalysts for the glycerol hydrogenolysis, Revista de Chimie, 63(7), 2012, p.732-738 (WOS:000308731500019)	Prim autor	0	NU
5.	Dușescu, C. , Roșca, P., Bomboș, D., Jugănar, T., Popovici, D., Dragomir, R., Hydrogen from Glycerol by Steam Reforming, Revista de Chimie, 63(2) 2012, p. 229-231 (WOS:000301566400020)	Prim autor	0	NU
6.	Gheorghe, C. G., Dușescu, C.* , Carbureanu, M., Asphaltenes Biodegradation in Biosystems Adapted on Selective Media, Revista de Chimie, 67(10), 2016, p. 2106-2110 (WOS:000388359900045)	Autor de corespondență	0	NU
7.	Dușescu, C. , Jugănar, T., Bomboș, D., Mihai, O., Popovici, D., Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, http://dx.doi.org/10.1016/j.crci.2017.06.006 (WOS:000428095300015)	Prim autor	1.3	DA
8.	Popovici, D.R., Gheorghe, C.G., Dușescu-Vasile, C.M. , Assessment of the Active Sludge Microorganisms Population During Wastewater Treatment in a Micro-Pilot Plant,	Autor de corespondență	4.4	DA

	Bioengineering, 2024, 11(12), 1306, https://doi.org/10.3390/bioengineering11121306 (WOS:001387124300001)			
9	Sanda, M., Onuțu, I., Dușescu-Vasile, C. M. , Vasilievici, G., Bomboș, D., Băjan, M., Brănoiu, G., Removal of Butyl Mercaptan from Gas Streams by Reactive Adsorption, Molecules, 2025, 30 (9), 1962, https://doi.org/10.3390/molecules30091962 (WOS:001486450500001)	Autor de corespondență	5.1	DA
10	Gheorghe, C. G., Dușescu-Vasile, C.M. , Popovici, D. R., Bomboș, D., Dragomir, R. E., Dima, F.M., Bajan, M., Vasilievici, G., Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of Spirulina platensis Algae, Toxics, 2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	Autor de corespondență	4.9	DA
11	Charif, M. L. , Ciuparu, D.M., Lixandru Matei, I. L. , Vasilievici, G., Banu, I., Băjan, M. , Bomboș, D., Dușescu-Vasile, C. , Ghețiu, I. V. , Panaitescu, C., Doukeh, R., An Experimental Study of Glycerol Carbonate Synthesis over g-C ₃ N ₄ Catalysts, Appl. Sci., 2025, 15(11), 6236; DOI: 10.3390/app15116236 (WOS:001506501600001)	Autor de corespondență	2.9	DA
12	Doicin, B., Dușescu-Vasile, C. M. , Onuțu, I., Băjan, M., Bombos, D., Vasilievici, G., Estimation of Properties of Petrodiesel—Biodiesel Mixtures Using an Artificial Neural Network, Processes, 2025, 13(6), 1769; https://doi.org/10.3390/pr13061769 (WOS:001514978900001)	Autor de corespondență	3.4	DA
13	Lixandru Matei, I.L., Sava, B. A., Sarosi, C., Dușescu-Vasile, C.M. , Ionescu, A. I. , Baioun, A., Băjan, M., Brănoiu, G., Popovici, D. R., Stănică, A.I., Bomboș, D., Influence of Retinol Dermal Delivery Formulation on Its Stability Characteristics, Gels, 2025, 11(12), 935; https://doi.org/10.3390/gels11120935 (WOS:001646626900001)	Autor de corespondență	5.3	DA
14	Vasilievici, G., Sanda, M., Băjan, M., Dușescu-Vasile, C. , Onuțu, I., Brănoiu, G., Bomboș, D., Baioun, A., Borcea, A. F., Stănică, A. I., Synthesis and Characterization of Biochar Obtained by Partial Delignification of Waste Biomass, Molecules, 2025, 30(23), 4505, https://doi.org/10.3390/molecules30234505 (WOS:001635022500001)	Autor de corespondență	5.1	DA
15	Dragomir, R. E., Gheorghe, C. G., Manta, A. M., Movileanu, D. L., Bomboș, D., Dușescu-Vasile, C. M. , Ecotoxicological Monitoring of DSS Microorganisms and Quorum Sensing-Mediated Behavior Control over Metal Corrosion of Al, Zn and Fe, Toxics, 2026, 14(4), 297, https://doi.org/10.3390/toxics14040297 (WOS:001750530000001)	Autor de corespondență	4.9	DA

16	Bădicioiu, M., Rîpeanu, R. G., Dușescu-Vasile, C. M. , Călțaru, M. M., Portoacă, A. I., Experimental Study of Wear Behavior Under Friction for Fused Filament Fabrication Components, Materials, 2026, 19(8), 1575; https://doi.org/10.3390/ma19081575 (WOS:001750113100001)	Autor de corespondență	3.7	DA
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NP =16 (DIN CARE 10 CU FI > 1)

FIȘĂ DE CALCUL A FACTORULUI DE IMPACT (FIC)

Nr. crt.	ARTICOL	FI (valabil la momentul depunerii dosarului)	AUTOR PRINCIPAL (prim autor sau autor de corespondență)	NR. AUTORI	FI/ NR. AUTORI
1	Brebeanu, Gh., Manea, F., Dușescu, C. , Studiu cu privire la hidrocarburile aromatice policiclice din bitum, Revista de Chimie, 2005, 56(4), p. 429-431, (WOS:000229981900025)	0	NU	3	0
2.	Popovici, D., Jugănar, T., Bomboș, D., Dușescu, C. , Matei, V., Citral hydrogenation on CuCr-Ba catalysts, Revista de Chimie, 57(5) 2006, p. 545 – 548 (WOS:000239132800021)	0	NU	5	0
3.	Yangsheng, G., Lili, C., Qingfang, Z., Brebeanu, G., Dușescu, C. , Roșca, P., Study on aromatic enrichment of FCC slurry for synthesizing COPNA, Revista de Chimie, 57(6), 2006, p.645-649 (WOS:000240305900018)	0	NU	6	0
4.	Yangsheng, G., Lili, C., Qingfang, Z., Brebeanu, G., Dușescu, C. , Roșca, P., Study on Composition Changes in Co-Carbonization of FCC Slurry and Vacuum Residue, Revista de Chimie, 57(7), 2006, p. 755-758, (WOS:000241770900019)	0	NU	6	0
5.	Popovici, D., Bolocan, I., Matei, V., Matei, D., Bomboș, D., Dușescu, C. , Spinel catalysts for the catalytic combustion of toluene, Revista de Chimie, 59(1) 2008, p. 88 – 91 (WOS:000254305100019)	0	NU	6	0
6.	Dușescu, C. , Borcea, A., Matei, V., Popa, I., Rădulescu, I. G., Diesel Biofuels - Preparation, Characterization and Testing, Revista de Chimie, 59 (11), 2008, p. 1271-1275, (WOS:000261748400026)	0	DA	5	0

7.	Dușescu, C. , Bomboș, D., Jugănar, T., Popovici, D., 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	DA	5	0
8.	Bombos, D., Bombos, M., Bolocan, I., Vasilevici, G., Dușescu, C. , Zaharia, E., Assessing the nature of emulsified fuels by rheological property, Revista de Chimie, 61(9), 2010, p. 862-865 (WOS:000284137400012)	0	NU	6	0
9.	C. Dușescu , I. Bolocan, The Glycerol Hydrogenolysis on New Supported Catalysts, Revista de Chimie, 63(3), 2012, p.305 – 309 (WOS:000303091400013)	0	DA	2	0
10.	C. Dușescu , I. Bolocan, New catalysts for the glycerol hydrogenolysis, Revista de Chimie, 63(7), 2012, p.732-738 (WOS:000308731500019)	0	DA	2	0
11.	Dușescu, C. , Roșca, P., Bomboș, D., Jugănar, T., Popovici, D., Dragomir, R., Hydrogen from Glycerol by Steam Reforming, Revista de Chimie, 63(2) 2012, p. 229-231 (WOS:000301566400020)	0	DA	6	0
12.	Popovici, D., Dușescu, 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	NU	3	0
13.	Gheorghe, C. G., Dușescu, C.* , Carbureanu, M., Asphaltenes Biodegradation in Biosystems Adapted on Selective Media, Revista de Chimie, 67(10), 2016, p. 2106-2110 (WOS:000388359900045)	0	DA	3	0
14.	Neagu, M., Popovici, D.R., Dușescu, C.M. , 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, https://doi.org/10.37358/RC.17.1.5406 (WOS:000395499200030)	0	NU	4	0
15.	Dușescu, C. , Jugănar, T., Bomboș, D., Mihai, O., Popovici, D., Multilayered catalysts for fatty acid ester hydrotreatment into fuel range hydrocarbons, Comptes Rendus Chimie, 21(3-4) 2018, p.288-302, http://dx.doi.org/10.1016/j.crci.2017.06.006 (WOS:000428095300015)	1.3	DA	5	1.3
16.	Popovici, D., Neagu, M., Dușescu-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, https://doi.org/10.1007/s11144-021-01997-8 (WOS:000654084500002)	2.1	NU	6	0.350
17.	Marinescu, M., Ciuparu, D., Bomboș, D., Dușescu-Vasile, C.M. , Popovici, D.R., Matei, V.,	0.5	NU	6	0.083

	Hydrogenolysis Of Palm Oil Derived Methyl Esters Over Niobium And Tungsten Base Catalysts, <i>Studia Ubb Chemia</i> , LXVIII(3) 2023, p. 71-98, DOI:10.24193/subbchem.2023.3.05 (WOS:001100374900005)				
18.	Săpunaru, O. V. , Sterpu, A.E. , Vodounon, C. A. , Nasr, J., Dușescu-Vasile, C. , Osman, S. ., Koncsag, C. I., Lubricating Greases from Fried Vegetable Oil—Preparation and Characterization, <i>Lubricants</i> , 2024, 12(6), 197, https://doi.org/10.3390/lubricants12060197 (WOS:001256830700001)	3.6	NU	7	0.514
19.	Lixandru Matei, I.L., Sava, B. A., Sarosi, C., Dușescu-Vasile, C. , Popovici, D. R., Bomboș, D., Băjan, M., Doukeh, R., The Influence of PEG 4000 on the Physical and Microstructural Properties of 58S Bioactive Glasses, <i>Nanomaterials</i> , 2024, 14 (16), 1323, https://doi.org/10.3390/nano14161323 (WOS:001305282100001)	4.8	NU	8	0.6
20.	Popovici, D.R., Gheorghe, C.G., Dușescu-Vasile, C.M. , Assessment of the Active Sludge Microorganisms Population During Wastewater Treatment in a Micro-Pilot Plant, <i>Bioengineering</i> , 2024, 11(12), 1306, https://doi.org/10.3390/bioengineering11121306 (WOS:001387124300001)	4.4	DA	3	4.4
21.	Sanda, M., Onuțu, I., Dușescu-Vasile, C. M. , Vasilievici, G., Bomboș, D., Băjan, M., Brănoiu, G., Removal of Butyl Mercaptan from Gas Streams by Reactive Adsorption, <i>Molecules</i> , 2025, 30 (9), 1962, https://doi.org/10.3390/molecules30091962 (WOS:001486450500001)	5.1	DA	7	5.1
22.	Gheorghe, C. G., Dușescu-Vasile, C.M. , Popovici, D. R., Bomboș, D., Dragomir, R. E., Dima, F.M., Bajan, M., Vasilievici, G., Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of <i>Spirulina platensis</i> Algae, <i>Toxics</i> , 2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	4.9	DA	8	4.9
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24.	Doicin, B., Dușescu-Vasile, C. M. , Onuțu, I., Băjan, M., Bombos, D., Vasilievici, G., Estimation of Properties of Petrodiesel—Biodiesel Mixtures Using an Artificial Neural Network, <i>Processes</i> , 2025, 13(6), 1769; https://doi.org/10.3390/pr13061769 (WOS:001514978900001)	3.4	DA	6	3.4

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FIC - factor de impact cumulat (suma factorilor de impact ale revistelor la momentul depunerii dosarului)					41.01

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.	D. Bomboș, M. Bomboș, S. Serban, G. Vasilievici, F. Bacalum, S. Dumitrescu, C. Ionescu, V. Matei, D. Popovici, T. Juganaru, C. Dușescu , C. Bala, Catalizator bifuncțional pe baza de rasini schimbatoare de ioni, Brevet de invenție, nr. 122490/2009	național	1
2.	D. Bomboș, M. Bomboș, S. Serban, G. Vasilievici, F. Bacalum, S. Dumitrescu, C. Ionescu, V. Matei, D. Popovici, T. Juganaru, C. Dușescu , A. Patrascu, C. Bala, Compozitie pentru reducerea continutului de praf si aerosoli rutieri, Brevet de invenție, nr. 122545/2009.	național	1

3.	C. Ionescu, V. Matei, D. Popovici, T. Juganaru, C. Dușescu , M. Bombos, D. Bombos, I. Stanciu, C. Bala, Catalizator si procedeu de obtinere a alcoolilor nesaturati cu caracteristici de parfumare, Brevet de invenție Nr.123444/30.05.2012.	național	1
4.	D. Bomboș, I. Bolocan, D.R. Popovici, O. Pantea, C. Dușescu , T. Juganaru, A. Bondareev, S. Mihai. G, Bozga, M. Bombos, G. Vasilievici, I. Bolma, E. Zaharia, Procedeu de obtinere a unui combustibil lichid de focare, Brevet de invenție Nr. 126668/29.06.2012.	național	1
5.	I.Bolocan, D.Bombos, C. Panaitescu, D.Popovici, C. Dușescu , T. Juganaru, M. Ichim, G. Bumbac, V. Georgescu, E. Zaharia, Combustibil pentru motoare cu ardere interna si procedeu de obtinere a acestuia, Brevet de invenție, nr. 128387/2013.	național	1
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7	M. Barbuț, V. Stanga, P. Roșca, D. Bomboș, C. Dușescu , Aditiv pentru decontaminarea solului și a bălărilor infestate cu produse și/sau reziduuri petroliere si procedeu de depoluare cu ajutorul acestui aditiv, Brevet de invenție nr. RO 131561 B1/30/09/2019.	național	1
FIC din brevete			7

FIC = 48.01

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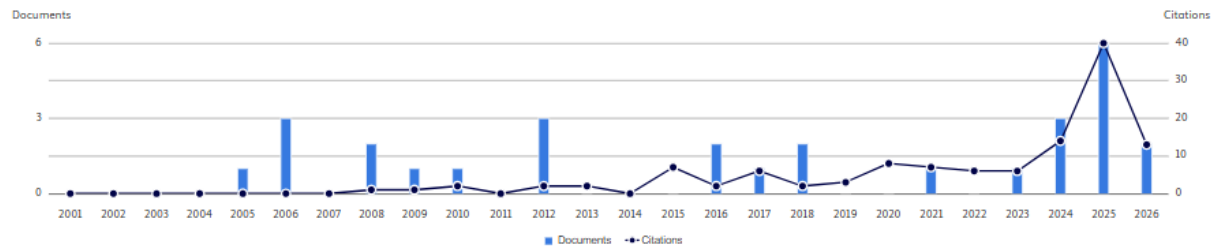
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