

**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. Dragomir Raluca Elena

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE PENTRU ATESTATUL DE ABILITARE

Standarde minimale necesare și obligatorii	Minim de îndeplinit	Realizat
Număr total de articole în reviste ISI (NT)	$NT \geq 25$	37
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	$NP \geq 10$	20
Număr lucrări în reviste cu $FI > 1$, NP (cu)	$NP (FI > 1)$	6
Factorul de impact cumulat FIC (articole în reviste cotate ISI + brevete)	$FIC \geq 20$	25,8
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	191

NUMĂR TOTAL ARTICOLE ISI (NT)

Nr. Crt.	ARTICOL	FI (la momentul depunerii dosarului)	FI* (valabil la momentul publicării)
1.	Dragomir R. E. , Gheorghe C. G., Dutescu-Vasile C. M., Movileanu D. L., Manta A. M., Bomboș, D., Ecotoxicological Monitoring of DSS Microorganisms and Quorum Sensing-Mediated Behavior Control over Metal Corrosion of Al, Zn and Fe, <i>Toxics</i> , 2026, 14(4), 297, https://doi.org/10.3390/toxics14040297 (WOS:001750530000001)	4,9	
2.	Gheorghe, C. G., Dragomir R. E. , Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/ γ -Al ₂ O ₃ catalysts <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2025, 138(5), p. 2759–2776, https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	2,1	
3.	Gheorghe C. G., Dușescu-Vasile C. M., Popovici D. R., Bombos 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	
4.	Dragomir R. E. , The kinetic and experimental study for the pyrolysis of hydrotreated and non-hydrotreated coking distilled fractions, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2024, 137(5), p. 2599–2615, https://doi.org/10.1007/s11144-024-02660-8 , (WOS:001255197500001)	2,1	
5.	Gheorghe V., Gheorghe C. G., Popovici D. R., Mihai S., Dragomir R. E. , Somoghi R., Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, <i>Bioengineering</i> , 2024, 11(6), 623, https://doi.org/10.3390/bioengineering11060623 , (WOS:001254674100001)	4,4	
6.	Dragomir R.E. , Polyethylene waste recycling into fuel products by catalytic cracking on vision zeolite catalyst, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2023, 136(4), p. 2295–2308, https://doi.org/10.1007/s11144-023-02462-4 , (WOS:001041847300002)	2,1	
7.	Tepelus A., Dragomir R. , Rosca P., Sustainable aviation fuel from hydroconversion of safflower oil over NiMo/Al ₂ O ₃ and Pt-ZrO ₂ /Al ₂ O ₃ catalysts, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135(3), p. 1503 – 1522, https://doi.org/10.1007/s11144-022-02197-8 , (WOS:000770207500001)	2,1	
8.	Tepelus A., Dragomir R. E. , Rosca P., Biojet from sugar derivates, <i>Revue Roumaine de Chimie</i> , 2021, 66(4), p. 313 – 320, https://doi.org/10.33224/rrch.2021.66.4.01 , (WOS:000744200400001)	0,8	
9.	Tepelus A., Rosca P., Dragomir R. , Biojet from hydroconversion of camelina oil mixed with straight run gas oil, <i>Revista de Chimie</i> , 2019, 70(9), p. 3284–3291, https://doi.org/10.37358/RC.19.9.7536 , (WOS:000489958900043)	0	1,755
10.	Dragomir R. E. , Rosca P., Popa C., Five-Lump Kinetic Model for the Catalytic Cracking Process, <i>Revista de Chimie</i> , 2018, 69(10), p. 2633-2637, ISSN 0034-7752, https://doi.org/10.37358/RC.18.10.6595 , (WOS:000451925300007)	0	1,605
11.	Ion C. S., Bombos M., Vasilievici G., Panaitescu C., Dragomir R. E. , Fuels Desulphurisation by Adsorption on Blasting Grit, <i>Revista de Chimie</i> , 2017,	0	1,412

	68(4), p. 732 – 736, ISSN 0034-7752, https://doi.org/10.37358/RC.17.4.5540 , (WOS:000400732400021)		
12.	Dragomir R. E. , Rosca P., Juganaru T., Upgrading FCC Light Cycle Oil, Revista de Chimie, 2017, 68(1), p. 35-39, ISSN 0034-7752, https://doi.org/10.37358/RC.17.1.5383 , (WOS:000395499200008)	0	1,412
13.	Dragomir R. E. , Bogatu L., Rosca P., Benzene Management in Refinery Gasoline Pool, Revista de Chimie, 2016, 67(12), p. 2600-2604, ISSN 0034-7752, (WOS:000393230400043)	0	1,232
14.	Bogatu L., Dragomir R. E. , Influence of Additives on Antiwear and Extreme Pressure Behaviour of the Vegetable Oils, Revista de Chimie, 2016, 67(4), p. 630-633, ISSN 0034-7752, (WOS:000376549200008)	0	1,232
15.	Bogatu L., Dragomir R. E. , Rosca P., Efficiency of Antioxidant Additives Mixed in Vegetable Oils, Revista de Chimie, 2016, 67(1), p. 157-161, ISSN 0034-7752, (WOS:000369524300035)	0	1,232
16.	Al-Ali Ali., Bombos M., Buzoianu D.A., Matei V., Dragomir R. E. , Juganaru T., Bombos D., Hydrotreating of Coker Gas Oil in Single and Double Catalytic Layer, Revista de Chimie, 2016, 67(1), p. 139 -144, ISSN 0034-7752, (WOS:000369524300032)	0	1,232
17.	Dragomir R. E. , Rosca P., Bogatu L., Upgrading of the FCC Gasoline Quality, Revista de Chimie, 2015, 66(12), p. 2091-2096, ISSN 0034-7752, (WOS:000395499200008)	0	0,956
18.	Al-Ali Ali, Bombos M., Buzoianu D. A., Juganaru T., Dragomir R. E. , Bombos D., Hydrocracking of Delayed Coker Gas Oil by Cobalt Catalysts, Revista de Chimie, 2015, 66(12), p. 2065-2069, ISSN 0034-7752 (WOS:000368437100032)	0	0,956
19	Oprescu E. E., Bombos D., Dragomir R. E. , Stepan E., Bolocan I., Esterification of Free Fatty Acids with Methanol over Superacid Catalyst, Revista de Chimie, 2015, 66(6), p. 864-867, ISSN 0034-7752, (WOS:000357403600023)	0	0,956
20.	Bogatu L., Dragomir R. E. , Suitable Compositions for Efficient Deep Stamping Lubricants, Revista de Chimie, 2015, 66(5), p. 722-726, ISSN 0034-7752, (WOS:000355126000025)	0	0,956
21.	Dragomir R. E. , Bogatu L., Rosca P., Oprescu E. E., Juganaru T., Biodiesel Produced by Two Step Hydroprocessing of Waste Cooking Oil. II. Hydrocracking of hydrotreated waste cooking oil and straight run gasoil mixture, Revista de Chimie, 2015, 66(4), p. 552-555, ISSN 0034-7752, (WOS:000354914500024)	0	0,956
22.	Dragomir R. E. , Oprescu E. E., Rosca P., Comparative Properties of Fossil Diesel, Conventional Biodiesel and Green Diesel Blends, Revista de Chimie, 2015, 66(3), p. 400-403, ISSN 0034-7752, (WOS:000352756300024)	0	0,956
23.	Dragomir R. E. , Rosca P., Juganaru T., Oprescu E. E., Biodiesel Produced by Two Step Hydroprocessing of Waste Cooking Oil. 1. Hydrotreating of waste cooking oil and straight run gasoil mixture, Revista de Chimie, 2015, 66(2), p. 277-281, ISSN 0034-7752, (WOS:000351659300029)	0	0,956
24.	Oprescu E. E., Bombos D., Bolocan I., Dragomir R. E. , Rosca P., Diesel fuel green additive based on glycerol, Revista de chimie, 2014, 65(10), p. 1226-1229, ISSN: 0034-7752, (WOS:000344719500022)	0	0,81
25.	Oprescu. E. E., Dragomir R. E. , Radu E., Radu. A., Velea S., Bolocan I., Stepan E., Rosca P., Performance and emission characteristics of diesel	7,8	

	engine powered with diesel-glycerol derivatives blends, Fuel processing technology, 2014, 126, p. 460-468, ISSN: 0378-3820, https://doi.org/10.1016/j.fuproc.2014.05.027 , (WOS:000340329600052)		
26.	Dragomir R. E. , Rosca P., Oprea E. E., Renewable Diesel Production by Co-Processing of Rapeseed Oil Mixed with Straight Run Gas Oil, Revista de Chimie, 2014, 65(5), p. 616-619, ISSN 0034-7752, (WOS:000337011900024)	0	0,81
27.	Dragomir R. E. , Rosca P., Biodiesel by hydroprocessing of gas oil-vegetable oil mixture, Revista de Chimie, 2014, 65(4), p. 485-488, ISSN 0034-7752, (WOS:000338605100021)	0	0,81
28.	Oprea E. E., Stepan E., Dragomir R. E. , Radu A., Rosca P., Synthesis and testing of glycerol ketals as components for diesel fuel, Fuel Processing Technology, 2013, 110, p. 214-217, ISSN: 0378-3820, https://doi.org/10.1016/j.fuproc.2012.12.017 , (WOS:000316586800028)	7,8	
29.	Dusescu C., Rosca P., Bombos D., Jugănar T., Popovici D., Dragomir R. E. , Hydrogen from glycerol by steam reforming, Revista de Chimie, 2012, 63(2), p. 229-231, ISSN 0034-7752, (WOS:000301566400020)	0	0,538
30.	Petre Neagu M., Rosca P., Dragomir R. E. , The effect of bio-ethers on the volatility properties of oxygenated gasoline, Revista de Chimie, 2011, 62(5), p. 567-574, ISSN 0034-7752, (WOS:000291275700016)	0	0,599
31.	Petre Neagu M., Rosca P., Dragomir R. E. , Mihai O., Bioalcohols - Compounds for Reformulated Gasolines II. Prediction of volatility properties for fuel-alcohols blends, Revista de Chimie, 2010, 61(8), p. 805-808, ISSN 0034-7752, (WOS:000282497600021)	0	0,693
32.	Petre Neagu M., Rosca P., Dragomir R. E. , Mihai O., Bioalcohols - Compounds for reformulated gasolines I. The effect of alcohols on volatility properties of gasolines, Revista de Chimie, 2010, 61(7), p. 706-711, ISSN 0034-7752, (WOS:000281217000020)	0	0,693
33.	Neagu Petre M., Rosca P., Dragomir R. E. , Mihai O., The Effect of Bioalcohol on the Water Solubility in Reformulated Gasoline, Chemical Engineering Transactions, 2010, 21, p. 1291-1296, https://doi.org/10.3303/CET1021216 , (WOS:000286978600216)	0	
34.	Dragomir R. E. , Roșca P., Influence of catalyst aging on the coke deposits during the cracking process, Revista de Chimie, 2007, 58(11), p. 1117-1121, ISSN 0034-7752, (WOS:000251833900023)	0	0,261
35.	Roșca P., Dragomir R. , Ionescu C., Deactivation of zeolite catalysts by coke deposition, Revista de Chimie, 2003, 54(8), p. 707-710, ISSN 0034-7752, (WOS:000186321000013)	0	
36.	Roșca P., Bolocan I., Dragomir R. , A mathematic model for the simulation of the integrated riser-regenerator system from the catalytic cracking installation, Revista de Chimie, 2003, 54(7), p. 624-631, ISSN 0034-7752, (WOS:000185562900017)	0	

* pentru articolele publicate în reviste care nu mai au FI la momentul depunerii dosarului
NT=36 (din care 34 publicate după obținerea titlului de doctor)

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

Nr. Crt.	Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	FI (la momentul depunerii dosarului)	FI>1	Prim autor(autor corespondent)
1	Dragomir R. E. , Gheorghe C. G., Dutescu-Vasile C. M., Movileanu D. L., Manta A. M., Bomboș, D., Ecotoxicological Monitoring of DSS Microorganisms and Quorum Sensing-Mediated Behavior Control over Metal Corrosion of Al, Zn and Fe, <i>Toxics</i> , 2026, 14(4), 297, https://doi.org/10.3390/toxics14040297 (WOS:001750530000001)	4,9	DA	Prim autor
2	Gheorghe, C. G., Dragomir R. E. , Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/ γ -Al ₂ O ₃ catalysts Reaction Kinetics, Mechanisms and Catalysis, 2025, 138(5), p. 2759–2776, https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	2,1	DA	Autor corespondent
3	Dragomir R. E. , The kinetic and experimental study for the pyrolysis of hydrotreated and non-hydrotreated coking distilled fractions, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2024, 137(5), p. 2599–2615, https://doi.org/10.1007/s11144-024-02660-8 , (WOS:001255197500001)	2,1	DA	Prim autor
4	Dragomir R.E. , Polyethylene waste recycling into fuel products by catalytic cracking on vision zeolite catalyst, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2023, 136(4), p. 2295–2308, https://doi.org/10.1007/s11144-023-02462-4 , (WOS:001041847300002)	2,1	DA	Prim autor
5	Tepelus A., Dragomir R. , Rosca P., Sustainable aviation fuel from hydroconversion of safflower oil over NiMo/Al ₂ O ₃ and Pt-ZrO ₂ /Al ₂ O ₃ catalysts, <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135(3), p. 1503 – 1522, https://doi.org/10.1007/s11144-022-02197-8 , (WOS:000770207500001)	2,1	DA	Autor corespondent
6	Tepelus A., Dragomir R. E. , Rosca P., Biojet from sugar derivates, <i>Revue Roumaine de Chimie</i> , 2021, 66(4), p. 313 – 320, https://doi.org/10.33224/rch.2021.66.4.01 , (WOS:000744200400001)	0,8	NU	Autor corespondent
7	Dragomir R. E. , Rosca P., Popa C., Five-Lump Kinetic Model for the Catalytic Cracking Process, <i>Revista de Chimie</i> , 2018, 69(10), p. 2633-2637, ISSN 0034-7752, https://doi.org/10.37358/RC.18.10.6595 , (WOS:000451925300007)	0	NU	Prim autor
8	Dragomir R. E. , Rosca P., Juganaru T., Upgrading FCC Light Cycle Oil, <i>Revista de Chimie</i> , 2017, 68(1), p. 35-39, ISSN 0034-7752,	0	NU	Prim autor

	https://doi.org/10.37358/RC.17.1.5383 , (WOS:000395499200008)			
9	Dragomir R. E. , Bogatu L., Rosca P., Benzene Management in Refinery Gasoline Pool, Revista de Chimie, 2016, 67(12), p. 2600-2604, ISSN 0034-7752, (WOS:000393230400043)	0	NU	Prim autor
10	Bogatu L., Dragomir R. E. , Influence of Additives on Antiwear and Extreme Pressure Behaviour of the Vegetable Oils, Revista de Chimie, 2016, 67(4), p. 630-633, ISSN 0034-7752, (WOS:000376549200008)	0	NU	Autor corespondent
11	Bogatu L., Dragomir R. E. , Rosca P., Efficiency of Antioxidant Additives Mixed in Vegetable Oils, Revista de Chimie, 2016, 67(1), p. 157-161, ISSN 0034-7752, (WOS:000369524300035)	0	NU	Autor corespondent
12	Dragomir R. E. , Rosca P., Bogatu L., Upgrading of the FCC Gasoline Quality, Revista de Chimie, 2015, 66(12), p. 2091-2096, ISSN 0034-7752, (WOS:000395499200008)	0	NU	Prim autor
13	Bogatu L., Dragomir R. E. , Suitable Compositions for Efficient Deep Stamping Lubricants, Revista de Chimie, 2015, 66(5), p. 722-726, ISSN 0034-7752, (WOS:000355126000025)	0	NU	Autor corespondent
14	Dragomir R. E. , Bogatu L., Rosca P., Oprescu E. E., Juganaru T., Biodiesel Produced by Two Step Hydroprocessing of Waste Cooking Oil. II. Hydrocracking of hydrotreated waste cooking oil and straight run gasoil mixture, Revista de Chimie, 2015, 66(4), p. 552-555, ISSN 0034-7752, (WOS:000354914500024)	0	NU	Prim autor
15	Dragomir R. E. , Oprescu E. E., Rosca P., Comparative Properties of Fossil Diesel, Conventional Biodiesel and Green Diesel Blends, Revista de Chimie, 2015, 66(3), p. 400-403, ISSN 0034-7752, (WOS:000352756300024)	0	NU	Prim autor
16	Dragomir R. E. , Rosca P., Juganaru T., Oprescu E. E., Biodiesel Produced by Two Step Hydroprocessing of Waste Cooking Oil. 1. Hydrotreating of waste cooking oil and straight run gasoil mixture, Revista de Chimie, 2015, 66(2), p. 277-281, ISSN 0034-7752, (WOS:000351659300029)	0	NU	Prim autor
17	Oprescu. E. E., Dragomir R. E. , Radu E., Radu. A., Velea S., Bolocan I., Stepan E., Rosca P., Performance and emission characteristics of diesel engine powered with diesel-glycerol derivates blends, Fuel processing technology, 2014, 126, p. 460-468, ISSN: 0378-3820, https://doi.org/10.1016/j.fuproc.2014.05.027 , (WOS:000340329600052)	7,8	DA	Autor corespondent
18	Dragomir R. E. , Rosca P., Oprescu E. E., Renewable Diesel Production by Co-Processing of Rapeseed Oil Mixed with Straight Run Gas Oil, Revista de Chimie,	0	NU	Prim autor

	2014, 65(5), p. 616-619, ISSN 0034-7752, (WOS:000337011900024)			
19	Dragomir R. E. , Rosca P., Biodiesel by hydroprocessing of gas oil-vegetable oil mixture, Revista de Chimie, 2014, 65(4), p. 485-488, ISSN 0034-7752, (WOS:000338605100021)	0	NU	Prim autor
20	Dragomir R. E. , Roșca P., Influence of catalyst aging on the coke deposits during the cracking process, Revista de Chimie, 2007, 58(11), p. 1117-1121, ISSN 0034-7752, (WOS:000251833900023)	0	NU	Prim autor

NP=20 (DIN CARE 6 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.	Dragomir R. E. , Gheorghe C. G., Dutescu-Vasile C. M., Movileanu D. L., Manta A. M., Bomboș, D., 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)	4,9	Prim autor	6	4,9
2.	Gheorghe, C. G., Dragomir R. E. , Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/ γ -Al ₂ O ₃ catalysts Reaction Kinetics, Mechanisms and Catalysis, 2025, 138(5), p. 2759–2776, https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	2,1	Autor corespondent	2	2,1
3.	Gheorghe C. G., Dușescu-Vasile C. M., Popovici D. R., Bombos D., Dragomir R. E. , Dima F. M., Bajan M., Vasiliievici 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	NU	8	0,61
4.	Dragomir R. E. , The kinetic and experimental study for the pyrolysis of hydrotreated and non-hydrotreated coking distilled fractions, Reaction Kinetics, Mechanisms and Catalysis, 2024, 137(5), p. 2599–2615, https://doi.org/10.1007/s11144-024-02660-8 , (WOS:001255197500001)	2,1	Prim aup. tor	1	2,1
5.	Gheorghe V., Gheorghe C. G., Popovici D. R., Mihai S., Dragomir R. E. , Somoghi R., Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering,	4,4	NU	6	0,73

	2024, 11(6), 623, https://doi.org/10.3390/bioengineering11060623 , (WOS:001254674100001)				
6.	Dragomir R.E. , Polyethylene waste recycling into fuel products by catalytic cracking on vision zeolite catalyst, Reaction Kinetics, Mechanisms and Catalysis, 2023, 136(4), p. 2295–2308, https://doi.org/10.1007/s11144-023-02462-4 , (WOS:001041847300002)	2,1	Prim autor	1	2,1
7.	Tepelus A., Dragomir R. , Rosca P., Sustainable aviation fuel from hydroconversion of safflower oil over NiMo/Al ₂ O ₃ and Pt-ZrO ₂ /Al ₂ O ₃ catalysts, Reaction Kinetics, Mechanisms and Catalysis, 2022, 135(3), p. 1503 – 1522, https://doi.org/10.1007/s11144-022-02197-8 , (WOS:000770207500001)	2,1	Autor corespondent	3	2,1
8.	Tepelus A., Dragomir R. E. , Rosca P., Biojet from sugar derivates, Revue Roumaine de Chimie, 2021, 66(4), p. 313 – 320, https://doi.org/10.33224/rch.2021.66.4.01 , (WOS:000744200400001)	0,8	Autor corespondent	3	0,8
9.	Tepelus A., Rosca P., Dragomir R. , Biojet from hydroconversion of camelina oil mixed with straight run gas oil, Revista de Chimie, 2019, 70(9), p. 3284–3291, https://doi.org/10.37358/RC.19.9.7536 , (WOS:000489958900043)	0	NU	3	0
10.	Dragomir R. E. , Rosca P., Popa C., Five-Lump Kinetic Model for the Catalytic Cracking Process, Revista de Chimie, 2018, 69(10), p. 2633-2637, ISSN 0034-7752, https://doi.org/10.37358/RC.18.10.6595 , (WOS:000451925300007)	0	Prim autor	3	0
11.	Ion C. S., Bombos M., Vasilievici G., Panaitescu C., Dragomir R. E. , Fuels Desulphurisation by Adsorbition on Blasting Grit, Revista de Chimie, 2017, 68(4), p. 732 – 736, ISSN 0034-7752, https://doi.org/10.37358/RC.17.4.5540 , (WOS:000400732400021)	0	NU	6	0
12.	Dragomir R. E. , Rosca P., Juganaru T., Upgrading FCC Light Cycle Oil, Revista de Chimie, 2017, 68(1), p. 35-39, ISSN 0034-7752, https://doi.org/10.37358/RC.17.1.5383 , (WOS:000395499200008)	0	Prim autor	3	0
13.	Dragomir R. E. , Bogatu L., Rosca P., Benzene Management in Refinery Gasoline Pool, Revista de Chimie, 2016, 67(12), p. 2600-2604, ISSN 0034-7752, (WOS:000393230400043)	0	Prim autor	3	0
14.	Bogatu L., Dragomir R. E. , Influence of Additives on Antiwear and Extreme Pressure Behaviour of the Vegetable Oils, Revista de Chimie, 2016, 67(4), p. 630-633, ISSN 0034-7752, (WOS:000376549200008)	0	Autor corespondent	2	0
15.	Bogatu L., Dragomir R. E. , Rosca P., Efficiency of Antioxidant Additives Mixed in Vegetable Oils, Revista	0	Autor corespondent	3	0

	de Chimie, 2016, 67(1), p. 157-161, ISSN 0034-7752, (WOS:000369524300035)				
16.	Al-Ali Ali., Bombos M., Buzoianu D.A., Matei V., Dragomir R. E. , Juganaru T., Bombos D., Hydrotreating of Coker Gas Oil in Single and Double Catalytic Layer, Revista de Chimie, 2016, 67(1), p. 139-144, ISSN 0034-7752, (WOS:000369524300032)	0	NU	7	0
17	Dragomir R. E. , Rosca P., Bogatu L., Upgrading of the FCC Gasoline Quality, Revista de Chimie, 2015, 66(12), p. 2091-2096, ISSN 0034-7752, (WOS:000395499200008)	0	Prim autor	3	0
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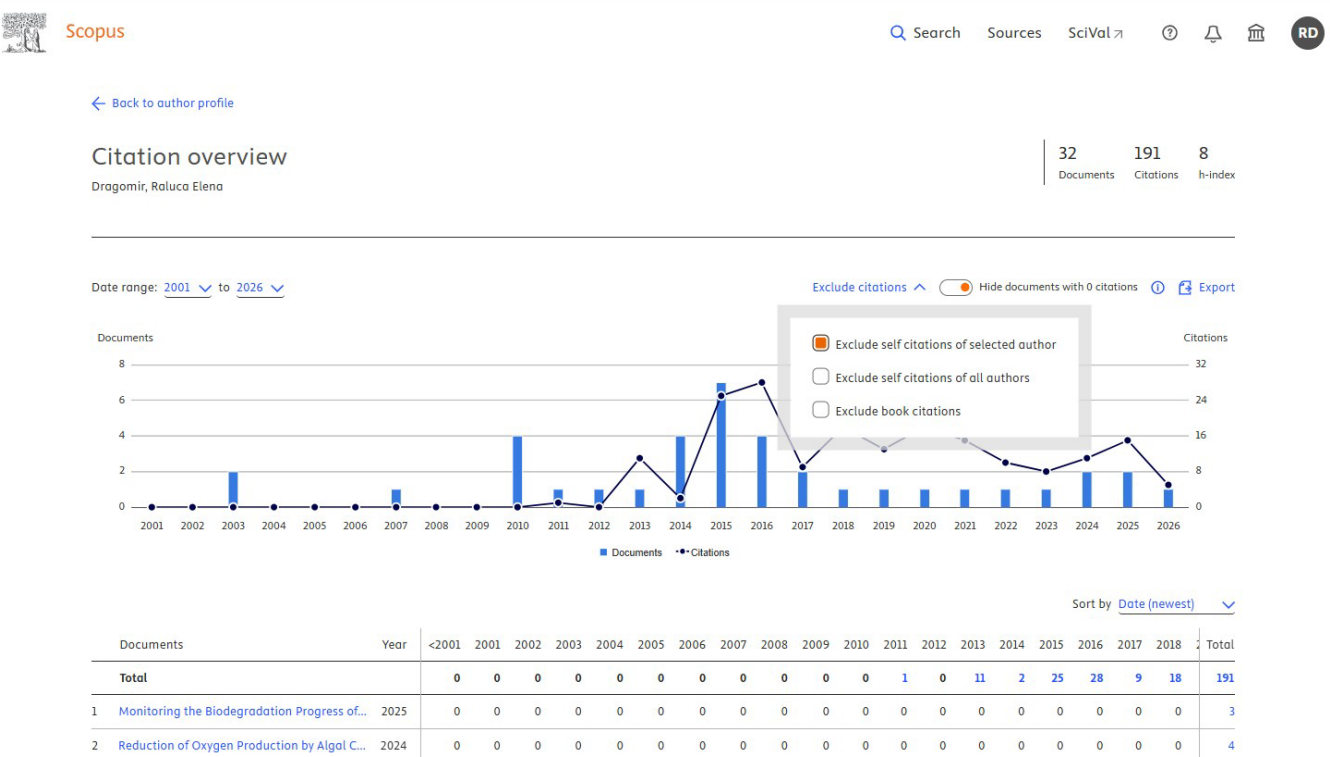
	technology, 2014, 126, p. 460-468, ISSN: 0378-3820, https://doi.org/10.1016/j.fuproc.2014.05.027 , (WOS:000340329600052)				
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35.	Roșca P., Dragomir R. , Ionescu C., Deactivation of zeolite catalysts by coke deposition, Revista de Chimie, 2003, 54(8), p. 707-710, ISSN 0034-7752, (WOS:000186321000013)	0	NU	3	0

36.	Roșca P., Bolocan I., Dragomir R. , A mathematic model for the simulation of the integrated riser-regenerator system from the catalytic cracking installation, Revista de Chimie, 2003, 54(7), p. 624-631, ISSN 0034-7752, (WOS:000185562900017)	0	NU	3	0
FIC - factor de impact cumulat (suma factorilor de impact ale revistelor la momentul depunerii dosarului)					24,8

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. 126377-B1, Catalizator pentru reformarea bioalcoolilor, Roșca Paul, Bomboș Dorin, Matei Vasile, Dușescu Cristina, Popovici Daniela, Jugănaru Traian, Dragomir Raluca , Bumbac Gheorghe, Bomboș Mihaela, Vasilievici Gabriel, OSIM, România, 29.11.2013	national	1
FIC din brevete			1

FIC = 25,8

NUMĂRUL CITĂRIILOR DIN BAZA DE DATE SCOPUS (NC)



NC = 189

26.06.2026

Conf. univ. dr. ing. Dragomir Raluca Elena