



ROMÂNIA
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII
UNIVERSITATEA „VASILE ALECSANDRI” DIN
BACĂU

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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. chim. Gheorghe Cătălina Gabriela

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)	$NT \geq 25$	26
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 $FI > 1$)	$NP \geq 10$	20
	$NP \text{ (cu } FI > 1) \geq 6$	8
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	35.63
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	104 (SCOPUS)

NUMĂR TOTAL ARTICOLE ISI (NT)

Nr.crt.	Articol	FI (valabil la momentul depunerii dosarului)	FI* (valabil la momentul publicării)
1.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Research on the influence of diesel oil on the bacterial stems of <i>Bacillus subtilis</i> and <i>Pseudomonas aeruginosa</i> , Revista de Chimie, 62(5), 2011, p.582-584, ISSN 0034-7752 (WOS:000291275700019)	0	0.599
2.	C. G. Gheorghe , O. Pantea, V. Matei, D. Bombos, A.F. Borcea Testing the biodegradation of contaminated water with petroleum products through conventional treatment în comparison with treatment through biological sludge enriched with activated charcoal, Revista de Chimie, 2011, 62 (6), p.655-658, ISSN 0034-7752 (WOS:000292629400013)	0	0.599
3.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea The Efficiency of Flocculants in Biological Treatment with Activated Sludge Revista de Chimie, nr 62(10), 2011, p.1023-1026 , ISSN 0034-7752 (WOS:000296933300014)	0	0.599
4.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Testing the behavior of pure bacterial suspension (<i>Bacillus subtilis</i> , <i>Pseudomonas aeruginosa</i> and <i>Micrococcus luteus</i>) în case of hydrocarbons contaminators, Revista de Chimie, 62(9):2011, p.926-929, ISSN 0034-7752, (WOS:000295204000016)	0	0.599
5.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Testing of bacterial and fungal resistance în the water pollution with cationic detergents, Revista de Chimie, nr 62 (7), 2011, p.707-711, ISSN 0034-7752 , (WOS:000292756700006)	0	0.599
6.	F. Lupu, C. G. Gheorghe , C. Calin, O. Pantea, , Biotreatment of the oil pollutants, Revista de Chimie, 2013, 64 (2), p.210-212, ISSN 0034-7752, https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1087.9422&rep=rep1&type=pdf 0 0.677 (WOS:000315756400021)	0	0.677
7.	M. Carbureanu, C. G. Gheorghe -pH variation in the presence of the coagulants used in oil-well industry wastewater treatment REV. CHIM. 2014 , 65(12), p.1498-1501, ISSN 0034-7752, (WOS:000345946400021)	0	0.810
8.	E. Grigore, O. Pantea, D. Bombos, C. Calin, A. Bondarev, C. G. Gheorghe Effect of inhibitors based amine derivates on some carbon steel corrosion, Revista de Chimie, 2015, 66(5), 6 p.85-690, ISSN 0034-7752, https://revistadechimie.ro/Articles.asp?ID=4499 (WOS:000355126000018)	0	0.956
9.	F. Nicolescu, F. Lupu, O.Pantea, C. G. Gheorghe , A. Bondarev, C. Calin Toxicity study of benzene, toluene and xylene (BTX) at exposure on some experimental groups Revista de Chimie, 66 (8), 2015, p.1181-1183, ISSN 0034-7752 (WOS:000361124600022)	0	0.956
10.	C. G. Gheorghe , C.M.Dușescu, M. Carbureanu, Asphaltenes Biodegradation in Biosystems Adapted on Selective Media, Revista de Chimie, 67(10), 2016, p. 2106-2110 (WOS:000388359900045)	0	1.232
11.	A Bondarev, O. Pantea, S. Mihai, C. Calin, C. G. Gheorghe , Removal of cadmium from aqueous solutions using low cost sorbents, Revista de Chimie, 67(4) 2016 , p.728-733, ISSN 0034-7752 (WOS:000376549200029)	0	1.232
12.	M. Carbureanu, S.F. Mihalache, C. G. Gheorghe , A hardware ANN-based controller for ph neutralization in industrial plants, Revista de chimie, 67 (7), 2016, p. 1309-1313 , ISSN 0034-7752 (WOS:000385513000015)	0	1.232
13.	O.Mihai, O. Pantea, D. Popovici, C. G. Gheorghe Evaluation of Metal Contents in Correlation with Phytosanitary Treatments at Vineyard REV.CHIM.(Bucharest) 2017 , 68 (6), p.1387-1391 https://doi.org/10.37358/rc.17.6.5659 (WOS:000408702900029)	0	1.412
14.	C. G. Gheorghe , A.Bondarev, I. Onutu Assessment of Water Quality Parameters in Some Potential Pollutant Areas from Romania REV.CHIM.(Bucharest) 2018 , 69 (8), p.2045-2049 http://dx.doi.org/10.37358/RC.18.8.6470 (WOS:000444602300024)	0	1.605

15.	V Gheorghe, C. G. Gheorghe , A Bondarev, V. Matei, D. Bombos, The Malachite Green Biodegradation in Bioreactors on Various pH Domains, Revista de chimie 2019 , 70 (8), p. 2996-2999, http://dx.doi.org/10.37358/RC.19.8.7472 (WOS:000489685600061)	0	1.755
16.	A. Bondarev, C. G. Gheorghe , V. Gheorghe, D. Bombos, Removal of dyes from textile wastewater using sawdust as low-cost biosorbent Revista de Chimie 2020, 71 (3), p.387-396, http://dx.doi.org/10.37358/RC.20.3.8012	00	0
17.	A.Bondarev, C. G. Gheorghe Adsorptive removal of crystal violet dye from aqueous solutions using natural resource systems, Desalination and Water Treat, 2022, 264, p. 215-232 http://dx.doi.org/10.5004/dwt.2022.28560 (WOS:000848240000021)	3.4	3.4
18.	V. Gheorghe, C. G. Gheorghe , A. Bondarev, R. Somoghi, Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk assessment for SCLP Biological Cultures (<i>Saccharomyces sp.</i> , <i>Chlorella sp.</i> , <i>Lactobacillus sp.</i> , <i>Paramecium sp.</i>) Toxics 11 (3), 285, Toxics 2023, Volume 11, Issue 3, 285, https://doi.org/10.3390/toxics11030285 (WOS:000960112300001)	4.9	4.9
19.	V.Gheorghe, C. G. Gheorghe , D. R. Popovici, S. Mihai, R. E. Dragomir, R.Somoghi , Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering, 2024, 11, (6), 623 https://doi.org/10.3390/bioengineering11060623 (WOS:001254674100001)	4.4	4.4
20.	V. Gheorghe, C. G. Gheorghe , D.R. Popovici, S..Mihai, C. Calin, E. Sarbu, R.Doukeh, N. Grigoriu, C. N. Toader, C. Epure, V. Matei, Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media, Toxics 2023, 11(8), 672, https://doi.org/10.3390/toxics11080672 (WOS:001121950200001)	4.9	4.9
21.	A Bondarev, S. Mihai, A.Usman, D. Cursaru, D. Matei, V. Satulu, C. G. Gheorghe , G.Branoiu, R. Somoghi A facile microwave promoted formation of highly photoresponsive Au-decorated TiO2 nanorods for the enhanced photo-degradation of methylene blue, Nanomaterials, 2024, 14(22), 1780 https://doi.org/10.3390/nano14221780 (WOS:001365922300001)	4.8	4.8
22.	D.R.Popovici, C. G. Gheorghe , C.M. Duşescu-Vasile, 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	4.4
23.	C. G. Gheorghe , C.M. Duşescu-Vasile, D.R.Popovici, D. Bomboş, R. E Dragomir, F.M. Dima, M. Bajan, G. Vasilievici, Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of <i>Spirulina platensis</i> Algae, Toxics, 2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	4.9	4.9
24.	C. G. Gheorghe , R.E.Dragomir Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/γAl2O3 catalysts Reaction Kinetics, Mechanisms and Catalysis, 1-18, 2025, https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	2.1	2.1
25.	M. Carbureanu, C. G. Gheorghe , A Machine Learning-Based Data-Driven Model for Predicting Wastewater Quality Parameters in the Industrial Domain Applied sciences-basel 2026, 16,(2), 694 https://doi.org/10.3390/app16020694 (WOS:001670067300001)	2.9	2.9
26.	R. E. Dragomir, C. G. Gheorghe , C.M. Duşescu-Vasile, A. M Manta, D. L. Movileanu, D. Bomboş, 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	4.9

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

NT = 26

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

	ARTICOL	Observații	FI (valabil la momentul depunerii dosarului)	FI >1
1.	R. E. Dragomir, C. G. Gheorghe , C.M. Dușescu-Vasile, A. M Manta, D. L. Movileanu, D. Bomboș, 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)	Prim autor	4.9	DA
2.	M. Carbuoreanu, C. G. Gheorghe , A Machine Learning-Based Data-Driven Model for Predicting Wastewater Quality Parameters in the Industrial Domain Applied sciences-basel 2026, 16,(2), 694 https://doi.org/10.3390/app16020694 (WOS:001670067300001)	Prim autor	2.9	DA
3.	C. G. Gheorghe , R.E.Dragomir Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/γAl ₂ O ₃ catalysts Reaction Kinetics, Mechanisms and Catalysis, 1-18, 2025 https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	Prim autor	2.1	DA
4.	C. G. Gheorghe , C M Dușescu-Vasile , D. R Popovici, D. Bombos; R.-E. Dragomir; F. M. Dima; M. Bajan; G.I Vasilievici, Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of <i>Spirulina platensis</i> Algae Toxics,2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	Prim autor	4.9	DA
5.	D. R Popovici, C. G. Gheorghe , C M Dușescu-Vasile 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)	Autor de corespondență	4.4	DA
6.	V.Gheorghe, C. G. Gheorghe , D. R. Popovici, S. Mihai, R. E. Dragomir, R.Somoghi, Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, Bioengineering, 2024, 11, (6), 623 https://doi.org/10.3390/bioengineering11060623 (WOS:001254674100001)	Autor de corespondență	4.4	DA
7.	V. Gheorghe, C. G. Gheorghe , D.R. Popovici , S. Mihai., C. Calin., E. Sarbu, R.Doukeh, N. Grigoriu, C. N. Toader, C. .Epure, V. M.atei -Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media, Toxics 2023, 11(8), 672, https://doi.org/10.3390/toxics11080672 (WOS:001121950200001)	Autor de corespondență	4.9	DA
8.	V. Gheorghe, C. G. Gheorghe , A. Bondarev, R. Somoghi, Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk assessment for SCLP Biological Cultures (<i>Saccharomyces sp.</i> , <i>Chlorella sp.</i> , <i>Lactobacillus sp.</i> , <i>Paramecium sp.</i>) Toxics 11 (3), 285, Toxics 2023, Volume 11, Issue 3, 285, https://doi.org/10.3390/toxics11030285 (WOS:000960112300001)	Autor de corespondență	4.9	DA

9.	V. Gheorghe, C. G. Gheorghe A Bondarev, V Matei, D.Bombos The Malachite Green Biodegradation in Bioreactors on Various Ph Domains, Revista de chimie 2019 , 70 (8), 2996-2999, http://dx.doi.org/10.37358/RC.19.8.7472 (WOS:000489685600061)	Autor de corespondenta	0	NU
10.	C. Gheorghe , A.Bondarev, I. Onutu Assesment of Water Quality Parameters in Some Potential Pollutant Areas from Romania Revista de Chimie, 2018 ,69 (8), pag 2045-2049 http://dx.doi.org/10.37358/RC.18.8.6470 (WOS:000444602300024)	Prim autor	0	NU
11.	O Mihai, O Pantea, D Popovici, C. G. Gheorghe Evaluation of Metal Contents in Correlation with Phytosanitary Treatments at Vineyard Revista de Chimie, 2017 ,68 (6), pag 1387-1391 https://doi.org/10.37358/rc.17.6.5659 (WOS:000408702900029)	Autor de corespondenta	0	NU
12.	C. G. Gheorghe , C Dutescu, M Carbureanu Asphaltenes biodegradation in biosystems adapted on selective media Revista de Chimie, 2016, 67(10), 2106-2110, ISSN 0034-7752 (WOS:000388359900045)	Prim autor	0	NU
13.	F. Nicolescu, F. Lupu, O.Pantea, C. G. Gheorghe , A. Bondarev, C. Calin Toxicity study of benzene, toluene and xylene (BTX) at exposure on some experimental groups Revista de Chimie, 2015, 66 (8), 1181-1183, ISSN 0034-7752 (WOS:000361124600022)	Autor de corespondenta	0	NU
14.	M. Carbureanu, C. G. Gheorghe -pH variation in the presence of the coagulants used in oil-well industry wastewater treatment Revista de Chimie, 2014, 65(12), 1498-1501, ISSN 0034-7752 (WOS:000345946400021)	Autor de corespondenta	0	NU
15.	F. Lupu, C. G. Gheorghe , C. Calin, O. Pantea, , Biotreatment of the oil pollutants, Revista de Chimie, 2013, 64 (2), 210-212, ISSN 0034-7752 (WOS:000315756400021)	Autor de corespondenta	0	NU
16.	C. G. Gheorghe , O. Pantea, V. Matei, D. Bombos, A.F. Borcea Testing the biodegradation of contaminated water with petroleum products through conventional treatment in comparison with treatment through biological sludge enriched with activated charcoal, Revista de Chimie, 2011, 62 (6), 655-658, ISSN 0034-7752 (WOS:000292629400013)	Prim autor	0	NU
17.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Testing of bacterial and fungal selection in the pollution of water with cationic detergents, Revista de Chimie, 2011, nr 62 (7), 707-711, ISSN 0034-7752 (WOS:000292756700006)	Prim autor	0	NU
18.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Testing the behavior of pure bacterial suspension (Bacillus subtilis, Pseudomonas aeruginosa and Micrococcus luteus) in case of hydrocarbons contaminators, Revista de Chimie, 2011, 62(9), 926-929, ISSN 0034-7752 (WOS:000295204000016)	Prim autor	0	NU
19.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea Research on the influence of diesel oil on the bacterial stems of Bacillus subtilis and Pseudomonas aeruginosa, Revista de Chimie, 2011, 62(5), ,582-584 , ISSN 0034-7752 (WOS:000291275700019)	Prim autor	0	NU
20.	C. G. Gheorghe , O.Pantea, V. Matei, D. Bombos, A.F. Borcea The Efficiency of Flocculants in Biological Treatment with Activated Sludge, Revista de Chimie 2011, 62(10), 1023-1026 , ISSN 0034-7752 (WOS:000296933300014)	Prim autor	0	NU

NP =20 (DIN CARE 8 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 cores- pondență)	Nr. autori	FI/ Nr. autori
1.	R. E. Dragomir, C. G. Gheorghe , C.M. Dușescu-Vasile, A. M Manta, D. L. Movileanu, D. Bomboș, 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	6	4.9
2.	M. Carbureanu, C. G. Gheorghe , A Machine Learning-Based Data-Driven Model for Predicting Wastewater Quality Parameters in the Industrial Domain <i>Applied Sciences - Basel</i> 2026, 16,(2), 694 https://doi.org/10.3390/app16020694 (WOS:001670067300001)	2.9	DA	2	2.9
3.	C. G. Gheorghe , R.E.Dragomir Optimization of diesel fuel quality and production by hydrotreated gasoil mixtures using Co-Mo/γAl ₂ O ₃ catalysts <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2025, 1-18, https://doi.org/10.1007/s11144-025-02913-0 (WOS:001536361900001)	2.1	DA	2	2.1
4.	C. G. Gheorghe , C M Dușescu-Vasile , D. R Popovici, D. Bombos; R.-E. Dragomir; F. M. Dima; M. Bajan; G.I Vasilievici, Monitoring the Biodegradation Progress of Naphthenic Acids in the Presence of <i>Spirulina platensis</i> <i>Algae Toxics</i> , 2025, 13(5), 368; https://doi.org/10.3390/toxics13050368 (WOS:001496611600001)	4.9	DA	8	4.9
5.	D. R Popovici, C. G. Gheorghe , C M Dușescu-Vasile 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
6.	A Bondarev, S. Mihai, A.Usman, D. Cursaru, D Matei, V Satulu, C. G. Gheorghe , G.Branoiu, R. Somoghi A facile microwave promoted formation of highly photoresponsive Au-decorated TiO ₂ nanorods for the enhanced photo-degradation of methylene blue, <i>Nanomaterials</i> , 2024, 14(22), 1780 https://doi.org/10.3390/nano14221780 (WOS:001365922300001)	4.8	NU	9	0.53
7.	V. Gheorghe, C. G. Gheorghe , D. R. Popovici, S. Mihai, R. E. Dragomir, R.Somoghi , Reduction of Oxygen Production by Algal Cells in the Presence of O-Chlorobenzylidene Malononitrile, <i>Bioengineering</i> , 2024, 11, (6),23 https://doi.org/10.3390/bioengineering11060623 (WOS:001254674100001)	4.4	DA	6	4.4
8.	V. Gheorghe, C. G. Gheorghe , D.R. Popovici , S. Mihai, C. Calin., E. Sarbu, R. Doukeh, N. Grigoriu, C. N. Toader, C. Epure, V. Matei Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media, <i>Toxics</i> 2023, 11(8), 672, https://doi.org/10.3390/toxics11080672	4.9	DA	11	4.9

	(WOS:001121950200001)				
9.	V. Gheorghe, C. G. Gheorghe , A. Bondarev, R. Somoghi, Ecotoxicity of o-Chlorobenzylidene Malononitrile (CBM) and Toxicological Risk assessment for SCLP Biological Cultures (Saccharomyces sp., Chlorella sp., Lactobacillus sp., Paramecium sp.) Toxics 11 (3), 285, Toxics 2023, Volume 11, Issue 3, 285, https://doi.org/10.3390/toxics11030285 (WOS:000960112300001)	4.9	DA	4	4.9
10.	A.Bondarev, C. G. Gheorghe Adsorptive removal of crystal violet dye from aqueous solutions using natural resource systems, Desalination and Water Treat, 2022, 264,215-232 http://dx.doi.org/10.5004/dwt.2022.28560 (WOS:000848240000021)	3.4	NU	2	1.7
11.	A Bondarev, C. G. Gheorghe , V Gheorghe, M Bombos, Removal of dyes from textile wastewater using sawdust as low-cost biosorbent, Revista de Chimie 2020, 71 (3), 387-396, http://dx.doi.org/10.37358/RC.20.3.8012	0	NU	4	0
12.	V Gheorghe, C. G. Gheorghe A Bondarev, V Matei, M Bombos The Malachite Green Biodegradation in Bioreactors on Various pH Domains, Revista de chimie 2019, 70 (8), 2996-2999, http://dx.doi.org/10.37358/RC.19.8.7472 (WOS:000489685600061)	0	DA	5	0
13.	C.G. Gheorghe , A.Bondarev, I. Onutu Assesment of Water Quality Parameters in Some Potential Pollutant Areas from Romania, Revista de chimie, 2018 , 69 (8), 2045-2049 http://dx.doi.org/10.37358/RC.18.8.6470 (WOS:000444602300024)	0	DA	3	0
14.	O. Mihai, O. Pantea, D. Popovici, C. G. Gheorghe Evaluation of Metal Contents in Correlation with Phytosanitary Treatments at Vineyard Revista de chimie, 2017 , 68 (6), 1387-1391 https://doi.org/10.37358/rc.17.6.5659 (WOS:000408702900029)	0	DA	4	0
15.	M. Carbureanu, S.F. Mihalache, C. G. Gheorghe , A hardware ANN-based controller for ph neutralization in industrial plants, Revista de chimie, 2016, 67 (7), 1309-1313 , ISSN 0034-7752 (WOS:000385513000015)	0	NU	3	0
16.	A. Bondarev, O. Pantea, S. Mihai, C. Calin, C. G. Gheorghe , Removal of cadmium from aqueous solutions using low cost sorbents, Revista de Chimie, 2016 , 67(4) 728-733, ISSN 0034-7752 (WOS:000376549200029)	0	DA	5	0
17.	C. G. Gheorghe , C. Dutescu, M. Carbureanu Asphaltenes biodegradation in biosystems adapted on selective media Revista de Chimie, 2016, 67(10), 2106-2110, ISSN 0034-7752 (WOS:000388359900045)	0	DA	3	0
18.	F. Nicolescu, F. Lupu, O.Pantea, C. G. Gheorghe , A. Bondarev, C. Calin Toxicity study of benzene, toluene and xylene (btx) at exposure on some experimental groups REV. CHIM. (Bucharest) 2015, 66 (8), 1181-1183, ISSN 0034-7752 , (WOS:000361124600022)	0	DA	6	0
19.	E. Grigore, O. Pantea, D. Bombos, C. Calin, A. Bondarev, C. G. Gheorghe Effect of inhibitors based amine derivates on some carbon steel corrosion, Revista de Chimie, 2015, 66(5), 685-690, ISSN 001834-7752, https://revistadechimie.ro/Articles.asp?ID=4499 (WOS:000355126000018)	0	NU	6	0
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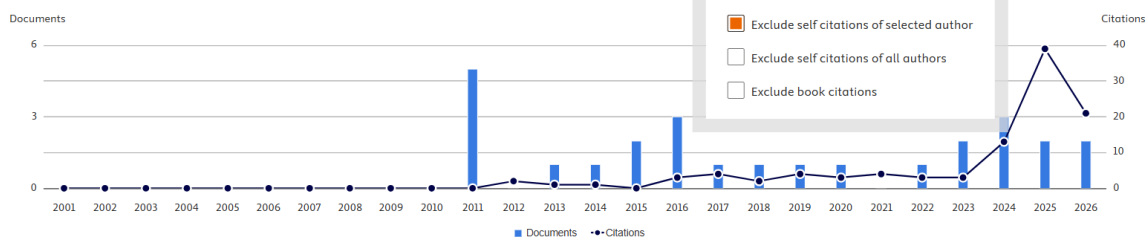
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