



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 CONFERENȚIAR**

**Ș. L. DR. ING. EC. NEDEFF FLORIN MARIAN**

## FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR PENTRU PROMOVARE PE POST - CONFERENȚIAR

<b>Standarde minimale necesare și obligatorii</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
Număr total de articole în reviste ISI (NT)	$NT \geq 15$	31
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	$NP \geq 6$	14
Număr lucrări în reviste cu $FI > 1$ , NP (cu $FIC > 1$ )	$NP \text{ (cu } FIC > 1) \geq 4$	11
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 12$	22,492
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 60$	77

## NUMĂR TOTAL ARTICOLE ISI (NT)

Nr. crt.	ARTICOL	FI (valabil la momentul depunerii dosarului)
1.	Mirela Panainte, Marius Stănilă, Emilian Moșneguțu, Oana Irimia, Doina Capșa, <b>Florin Nedeff</b> , Claudia Tomozei, Ion Joița, Gabriela Telibașa, Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, pp. 1657-1664, ISSN 1559-1842;	1,186
2.	Panainte M., Inglezakis V., Caraman I., Nicolescu M.C., Mosneguțu E., <b>Nedeff F.</b> , The evolution of eco-labeled products in Romania, Environmental Engineering and Management Journal, 2014, Vol. 13, No. 7, pp. 1665-1671, ISSN 1559-1842;	1,186
3.	Claudia Tomozei, <b>Florin Nedeff</b> , Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, 1743-1749;	1,186
4.	<b>Nedeff, F.</b> , Lazăr, G., Dumitru, F., Alexandru, L.F., Agop, M., Free perturbations in fractal media, (2016) Journal of Computational and Theoretical Nanoscience, 13 (11), pp. 8534-8543.	0
5.	Claudia Tomozei, <b>Florin Nedeff</b> , Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal March 2016, Vol. 15, No. 3, pp. 545-552;	1,186
6.	Panainte-Lehăduș M., <b>Nedeff F.</b> , Petrovici A., Telibașa G., Felegeanu D.-C., Schnakovszky C., Assessing the health and safety risks in the education sector, Environmental Engineering and Management Journal, 2016, Vol. 15, No. 3, pp. 563-572;	1,186
7.	Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, <b>Florin Nedeff</b> , Ricardo Hernandez, Claudia Tomozei, Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain. Environmental Engineering and Management Journal July 2016, Vol.15, No. 7, pp 1617-1628;	1,186
8.	Dabija, R.C., Zala, A., Hnatiuc, E., Agop, A., Puiu, E., Văideanu, D., Palamarcu, I., Jimborean, G., <b>Nedeff, F.</b> , Ivan, M.V., Fractality influences on a free Gaussian "perturbation" in the hydrodynamic version of the scale relativity theory. Possible implications in the biostructures dynamics, (2017) UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, 79 (4), pp. 281-292.	0
9.	<b>Nedeff, F.M.</b> , Bârsan, N., Fînar, A.L., Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking, (2017) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 18 (3), pp. 329-338.	0
10.	Carmen Bujoreanu, <b>Florin Nedeff</b> , Marcelin Benchea, Maricel Agop, Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates, Applied Acoustics 119 (2017), pp. 88-93;	2,440
11.	Zichil, V., Coseru, A., <b>Nedeff, F.</b> , Tomozei, C., Considerations on stress triaxiality variation for 2P armor steel, (2017) IOP Conference Series: Materials Science and Engineering, 200 (1), art. no. 012066;	0

12.	Carmen Bujoreanu, Stefan, Irimiciuc Marcelin Benchea, <b>Florin Nedeff</b> , Maricel Agop, , A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects, International Journal of Non-Linear Mechanics, No. 103, 2018, pp. 128-137;	2,313
13.	Cochiorca, A., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E.F., Lehadus, M.P., Chitimus, D., Irimia, O., Sandu, I.G., Surface Water Quality Assessment from a Mining Area Case study, Groapa Burlacu lake, Targu Ocna, Romania, (2019) Revista de Chimie, 70 (10), pp. 3678-3680;	1,755
14.	Misaila, L., <b>Nedeff, F.M.</b> , Barsan, N., Sandu, I.G., Grosu, L., Patriciu, O.-I., Gavrilă, L., Finaru, A.-L., Watershed - Android application for the mineral waters classification, (2019) Revista de Chimie, 70 (6), pp. 2212-2217;	1,755
15.	Chitimus, A.D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Barsan, N., Sandu, I.G., Tomozei, C., Absorption capacity of copper and lead in the case of Phragmites australis plant species, (2019) Revista de Chimie, 70 (11), pp. 4035-4039;	1,755
16.	Tataru, L., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Chitimus, D.A., Cochiorca, A., Sandu, I.G., Treatment study of brook water by using the ultrafiltration pilot with polymeric membrane, (2019) Materiale Plastice, 56, pp. 986-994;	1,517
17.	Plescan, O.-M.M., <b>Nedeff, F.-M.</b> , Partal, E., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C., Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower, (2019) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 20 (4), pp. 585-595;	0
18.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Lehadus, M.P., Sandu, A.V., Tartoaca, O.I., Experimental application of a laboratory SBR plant used for domestic wastewater treatment, (2019) Revista de Chimie, 70 (11), pp. 4098-4101;	1,755
19.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Tomozei, C., Mathematical correlations of the variable parameters specific for an SBR experimental laboratory plant, (2019) Revista de Chimie, 70 (12), pp. 4574-4578;	1,755
20.	Chitimus, A.-D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Barsan, N., Sandu, I.G., Irimia, O., Mathematical modeling for the accumulation of cadmium, zinc and arsenic from the soil in the case of bulrush plant type, (2019) Revista de Chimie, 70 (12), pp. 4566-4573;	1,755
21.	Dascălu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., López-Ramírez, J.A., Mathematical model regarding the application of the excitation-emission matrix spectroscopy in nanofiltration process using humic acid with a TiO <sub>2</sub> ceramic membrane, (2019) Materiale Plastice, 56, pp. 995-1002;	1,517
22.	Dascalu, M.-E., <b>Nedeff, F.</b> , Ciubotariu, V., Lopez-Ramirez, J.A., Sandu, I., Calculation of the cross section active area for a polymeric spiral wound reverse osmosis membrane, (2019) Materiale Plastice, 56 (2), pp. 426-428;	1,517
23.	Dascalu, M.-E., <b>Nedeff, F.</b> , Mosnegutu, E., Sandu, I.G., Lopez - Ramirez, J.A., Hydrodynamic surface evaluation of a polymeric reverse osmosis membrane using a crossflow cell, (2019) Revista de Chimie, 70 (3), pp. 866-870;	1,755
24.	Barsan, N., Chitimus, A.D., Muscalu, O.-M., <b>Nedeff, F.M.</b> , Sandu, I., Partal, E., Sandu, A.V., Lehadus, M.P., Influence of fertilizers on soils used for oleaginuous crop, (2020) Revista de Chimie, 71 (1), pp. 233-238;	1,755
25.	Misăilă, L., Bârșan, N., <b>Nedeff, F.M.</b> , Răducanu, D., Grosu, L., Patriciu, O.-I., Gavrilă, L., Finaru, A.-L., Quality assessment of slanic-moldova mineral waters stored in reusable bottles, (2020) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 21 (2), pp. 253-262;	0

26.	Chitimus, A.-D., <b>Nedeff, F.-M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Sandu, I.G., Influence of Bacau city's antropic activities on the heavy metals concentration measured on bistrita and Siret river sides, (2020) Revista de Chimie, 71 (1), pp. 350-354;	1,755
27.	Dascalu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Lopez-Ramirez, J.A., Ceramic nanofiltration membrane fouling: Application of mathematical modelling to the use of excitation emission matrix spectroscopy, (2020) Revista de Chimie, 71 (5), pp. 330-339;	1,755
28.	Mosnegutu, E.F., Panainte-Lehădus, M., <b>Nedeff, F.</b> , Tirtoaca, O., Tomozei, C., Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, (2020) International Journal of Conservation Science, 11 (1), pp. 179-188;	0
29.	Agop, M., Mihaila, I., <b>Nedeff, F.</b> , Irimiciuc, S.A., Charged particle oscillations in transient plasmas generated by nanosecond laser ablation on MG target, (2020) Symmetry, 12 (2), art. no. 292, .	2,645
30.	Irimiciuc, S.-A., Saviuc, A., Tudose-Sandu-ville, F., Toma, S., <b>Nedeff, F.</b> , Rusu, C.M., Agop, M., Non-linear behaviors of transient periodic plasma dynamics in a multifractal paradigm, (2020) Symmetry, 12 (8), art. no. 1356, pp. 1-18;	2,645
31.	Petrovici, A., Cueto, J.L., <b>Nedeff, V.</b> , Nava, E., Nedeff, F., Hernandez, R., Bujoreanu, C., Irimiciuc, S.A., Agop, M., Dynamic evaluation of traffic noise through standard and multifractal models, (2020) Symmetry, 12 (11), art. no. 1857, pp. 1-26;	2,645

**NT =31**

## 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>Nedeff, F.</b> , Lazăr, G., Dumitru, F., Alexandru, L.F., Agop, M., Free perturbations in fractal media, (2016) Journal of Computational and Theoretical Nanoscience, 13 (11), pp. 8534-8543.	prim autor	0	NU
2.	<b>Nedeff, F.M.</b> , Bârsan, N., Fînaru, A.L., Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking, (2017) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 18 (3), pp. 329-338.	prim autor	0	NU
3.	Cochiorca, A., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E.F., Lehadus, M.P., Chitimus, D., Irimia, O., Sandu, I.G., Surface Water Quality Assessment from a Mining Area Case study, Groapa Burlacu lake, Targu Ocna, Romania, (2019) Revista de Chimie, 70 (10), pp. 3678-3680.	adresă corespondență	1,755	DA
4.	Chitimus, A.D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Barsan, N., Sandu, I.G., Tomozei, C., Absorption capacity of copper and lead in the case of Phragmites australis plant species, (2019) Revista de Chimie, 70 (11), pp. 4035-4039.	adresă corespondență	1,755	DA
5.	Tataru, L., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Chitimus, D.A., Cochiorca, A., Sandu, I.G., Treatment study of brook water by using the ultrafiltration pilot with polymeric membrane, (2019) Materiale Plastice, 56, pp. 986-994.	adresă corespondență	1,517	DA
6.	Plescan, O.-M.M., <b>Nedeff, F.-M.</b> , Partal, E., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C., Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower, (2019) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 20 (4), pp. 585-595.	adresă corespondență	0	NU
7.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Lehadus, M.P., Sandu, A.V., Tartoaca, O.I., Experimental application of a laboratory SBR plant used for domestic wastewater treatment, (2019) Revista de Chimie, 70 (11), pp. 4098-4101.	adresă corespondență	1,755	DA
8.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Tomozei, C., Mathematical correlations of the variable parameters specific for an SBR experimental laboratory plant, (2019) Revista de Chimie, 70 (12), pp. 4574-4578.	adresă corespondență	1,755	DA
9.	Chitimus, A.-D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Barsan, N., Sandu, I.G., Irimia, O., Mathematical modeling for the accumulation of cadmium, zinc and arsenic from the soil in	adresă corespondență	1,755	DA

	the case of bulrush plant type, (2019) Revista de Chimie, 70 (12), pp. 4566-4573.			
10.	Dascălu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., López-Ramírez, J.A., Mathematical model regarding the application of the excitation-emission matrix spectroscopy in nanofiltration process using humic acid with a TiO <sub>2</sub> ceramic membrane, (2019) Materiale Plastice, 56, pp. 995-1002.	adresă corespondență	1,517	DA
11.	Dascalu, M.-E., <b>Nedeff, F.</b> , Ciubotariu, V., Lopez-Ramirez, J.A., Sandu, I., Calculation of the cross section active area for a polymeric spiral wound reverse osmosis membrane, (2019) Materiale Plastice, 56 (2), pp. 426-428.	adresă corespondență	1,517	DA
12.	Dascalu, M.-E., <b>Nedeff, F.</b> , Mosnegutu, E., Sandu, I.G., Lopez - Ramirez, J.A., Hydrodynamic surface evaluation of a polymeric reverse osmosis membrane using a crossflow cell, (2019) Revista de Chimie, 70 (3), pp. 866-870.	adresă corespondență	1,755	DA
13.	Chitimus, A.-D., <b>Nedeff, F.-M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Sandu, I.G., Influence of Bacau city's antropic activities on the heavy metals concentration measured on bistrita and Siret river sides, (2020) Revista de Chimie, 71 (1), pp. 350-354.	adresă corespondență	1,755	DA
14.	Dascalu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Lopez-Ramirez, J.A., Ceramic nanofiltration membrane fouling: Application of mathematical modelling to the use of excitation emission matrix spectroscopy, (2020) Revista de Chimie, 71 (5), pp. 330-339.	adresă corespondență	1,755	DA

**NP =14 (DIN CARE 11 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.	Mirela Panainte, Marius Stănilă, Emilian Moșneguțu, Oana Irimia, Doina Capșa, <b>Florin Nedeff</b> , Claudia Tomozei, Ion Joița, Gabriela Telibașa, Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, pp. 1657-1664, ISSN 1559-1842, IF=1,258;	1,186	NU	9	0,131
2.	Panainte M., Inglezakis V., Caraman I., Nicolescu M.C., Mosneguțu E., <b>Nedeff F.</b> , The evolution of eco-labeled products in Romania, Environmental Engineering and Management Journal, 2014, Vol. 13, No. 7, pp. 1665-1671, ISSN 1559-1842, IF=1,258	1,186	NU	6	0,197
3.	Claudia Tomozei, <b>Florin Nedeff</b> , Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, July 2014, Vol.13, No. 7, 1743-1749, IF=1,258;	1,186	NU	6	0,197
4.	<b>Nedeff, F.</b> , Lazăr, G., Dumitru, F., Alexandru, L.F., Agop, M., Free perturbations in fractal media, (2016) Journal of Computational and Theoretical Nanoscience, 13 (11), pp. 8534-8543.	0	DA	5	0
5.	Claudia Tomozei, <b>Florin Nedeff</b> , Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal March 2016, Vol. 15, No. 3, pp. 545-552, IF=1,008;	1,186	NU	7	0,169
6.	Panainte-Lehăduș M., <b>Nedeff F.</b> , Petrovici A., Telibașa G., Felegeanu D.-C., Schnakovszky C., Assessing the health and safety	1,186	NU	6	0,197



	risks in the education sector, Environmental Engineering and Management Journal, 2016, Vol. 15, No. 3, pp. 563-572, IF=1,008;				
7.	Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, <b>Florin Nedeff</b> , Ricardo Hernandez, Claudia Tomozei, Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain. Environmental Engineering and Management Journal July 2016, Vol.15, No. 7, pp 1617-1628, IF=1,008;	1,186	NU	7	0,169
8.	Dabija, R.C., Zala, A., Hnatiuc, E., Agop, A., Puiu, E., Văideanu, D., Palamarcuic, I., Jimborean, G., <b>Nedeff, F.</b> , Ivan, M.V., Fractality influences on a free Gaussian "perturbation" in the hydrodynamic version of the scale relativity theory. Possible implications in the biostructures dynamics, (2017) UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, 79 (4), pp. 281-292.	0	NU	10	0
9.	<b>Nedeff, F.M.</b> , Bârsan, N., Finaru, A.L., Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking, (2017) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 18 (3), pp. 329-338.	0	DA	3	0
10.	Carmen Bujoreanu, <b>Florin Nedeff</b> , Marcelin Benchea, Maricel Agop, Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates, Applied Acoustics 119 (2017), pp. 88–93, YIF=1,549;	2,440	NU	4	0,610
11.	Zichil, V., Coseru, A., <b>Nedeff, F.</b> , Tomozei, C., Considerations on stress triaxiality variation for 2P armor steel, (2017) IOP Conference Series: Materials Science and Engineering, 200 (1), art. no. 012066, .	0	NU	4	0
12.	Carmen Bujoreanu, Stefan, Irimiciuc Marcelin Benchea, <b>Florin Nedeff</b> , Maricel Agop, , A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects,	2,313	NU	5	0,462

	International Journal of Non-Linear Mechanics, No. 103, 2018, pp. 128-137.IF: 2,163				
13.	Cochiorca, A., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E.F., Lehadus, M.P., Chitimus, D., Irimia, O., Sandu, I.G., Surface Water Quality Assessment from a Mining Area Case study, Groapa Burlacu lake, Targu Ocna, Romania, (2019) Revista de Chimie, 70 (10), pp. 3678-3680.	1,755	DA	4	1,755
14.	Misaila, L., <b>Nedeff, F.M.</b> , Barsan, N., Sandu, I.G., Grosu, L., Patriciu, O.-I., Gavrilă, L., Finaru, A.-L., Watershed - Android application for the mineral waters classification, (2019) Revista de Chimie, 70 (6), pp. 2212-2217.	1,755	NU	8	0,219
15.	Chitimus, A.D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Barsan, N., Sandu, I.G., Tomozei, C., Absorption capacity of copper and lead in the case of Phragmites australis plant species, (2019) Revista de Chimie, 70 (11), pp. 4035-4039.	1,755	DA	6	1,755
16.	Tataru, L., Barsan, N., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Chitimus, D.A., Cochiorca, A., Sandu, I.G., Treatment study of brook water by using the ultrafiltration pilot with polymeric membrane, (2019) Materiale Plastice, 56, pp. 986-994.	1,517	DA	8	1,517
17.	Plescan, O.-M.M., <b>Nedeff, F.-M.</b> , Partal, E., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C., Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower, (2019) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 20 (4), pp. 585-595.	0	DA	7	0
18.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Lehadus, M.P., Sandu, A.V., Tartoaca, O.I., Experimental application of a laboratory SBR plant used for domestic wastewater treatment, (2019) Revista de Chimie, 70 (11), pp. 4098-4101.	1,755	DA	7	1,755
19.	Barsan, N., Chitimus, D., <b>Nedeff, F.M.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Tomozei, C., Mathematical correlations of the variable parameters specific for an SBR experimental laboratory plant,	1,755	DA	7	1,755

	(2019) Revista de Chimie, 70 (12), pp. 4574-4578.				
20.	Chitimus, A.-D., <b>Nedeff, F.M.</b> , Sandu, I., Radu, C., Barsan, N., Sandu, I.G., Irimia, O., Mathematical modeling for the accumulation of cadmium, zinc and arsenic from the soil in the case of bulrush plant type, (2019) Revista de Chimie, 70 (12), pp. 4566-4573.	1,755	DA	7	1,755
21.	Dascălu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., López-Ramírez, J.A., Mathematical model regarding the application of the excitation-emission matrix spectroscopy in nanofiltration process using humic acid with a TiO <sub>2</sub> ceramic membrane, (2019) Materiale Plastice, 56, pp. 995-1002.	1,517	DA	6	1,517
22.	Dascalu, M.-E., <b>Nedeff, F.</b> , Ciubotariu, V., Lopez-Ramirez, J.A., Sandu, I., Calculation of the cross section active area for a polymeric spiral wound reverse osmosis membrane, (2019) Materiale Plastice, 56 (2), pp. 426-428.	1,517	DA	5	1,517
23.	Dascalu, M.-E., <b>Nedeff, F.</b> , Mosnegutu, E., Sandu, I.G., Lopez - Ramirez, J.A., Hydrodynamic surface evaluation of a polymeric reverse osmosis membrane using a crossflow cell, (2019) Revista de Chimie, 70 (3), pp. 866-870.	1,755	DA	5	1,755
24.	Barsan, N., Chitimus, A.D., Muscalu, O.-M., <b>Nedeff, F.M.</b> , Sandu, I., Partal, E., Sandu, A.V., Lehadus, M.P., Influence of fertilizers on soils used for oleaginous crop, (2020) Revista de Chimie, 71 (1), pp. 233-238.	1,755	NU	8	0,219
25.	Misăilă, L., Bârsan, N., <b>Nedeff, F.M.</b> , Răducanu, D., Grosu, L., Patriciu, O.-I., Gavrilă, L., Finaru, A.-L., Quality assessment of slanic-moldova mineral waters stored in reusable bottles, (2020) Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, 21 (2), pp. 253-262.	0	NU	8	0
26.	Chitimus, A.-D., <b>Nedeff, F.-M.</b> , Sandu, I., Radu, C., Mosnegutu, E., Sandu, I.G., Influence of Bacau city's antropic activities on the heavy metals concentration measured on bistrita and Siret river	1,755	DA	6	1,755

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27.	Dascalu, M.-E., <b>Nedeff, F.</b> , Sandu, I., Mosnegutu, E., Sandu, A.V., Lopez-Ramirez, J.A., Ceramic nanofiltration membrane fouling: Application of mathematical modelling to the use of excitation emission matrix spectroscopy, (2020) Revista de Chimie, 71 (5), pp. 330-339.	1,755	DA	6	1,755
28.	Mosnegutu, E.F., Panainte-Lehădus, M., <b>Nedeff, F.</b> , Tirtoaca, O., Tomozei, C., Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, (2020) International Journal of Conservation Science, 11 (1), pp. 179-188.	0	NU	5	0
29.	Agop, M., Mihaila, I., <b>Nedeff, F.</b> , Irimiciuc, S.A., Charged particle oscillations in transient plasmas generated by nanosecond laser ablation on MG target, (2020) Symmetry, 12 (2), art. no. 292, .	2,645	NU	4	0,661
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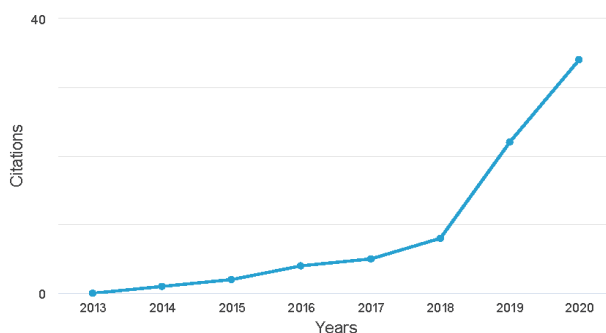
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