



ROMÂNIA
MINISTERUL EDUCAȚIEI I
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**

ATESTAT DE ABILITARE

CONF. UNIV. DR. ING. Alexandra-Dana CHIȚIMUȘ

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

Se definesc:

- NT = număr total de articole în reviste ISI

- FIC = factor de impact cumulat (suma factorilor de impact ale revistelor la momentul susținerii publice a tezei de doctorat sau la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

- NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)

NC = număr total de citări din baza SCOPUS sau ISI Web of Science, excluzându-se autocitările

2. Concurs de Profesor/CSI

Standarde minimale (cumulative):

a) $NT \geq 25$

b) $NP \geq 10$, cu minim șase lucrări în reviste cu $FI > 1$

c) $FIC \geq 20$

In acest caz în calculul FIC se ține cont de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal și respectiv de factorul de impact împărțit la numărul de autori pentru revistele în care candidatul a publicat un articol în care nu este autor principal

d) $NC \geq 100$

**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)	$NT \geq 25$	37
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 $FIC > 1$)	$NP \geq 10$	16
	$NP \text{ (cu } FIC > 1) \geq 6$	8
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	22,8554
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	164

**A. Verificarea standardelor minimale necesare și obligatorii
pentru conferirea titlurilor didactice din învățământul superior și
a gradelor profesionale de cercetare – dezvoltare**

NUMĂR TOTAL ARTICOLE ISI (NT)

Nr. crt.	ARTICOL	FI (valabil la momentul depunerii dosarului)
1.	Laurențiu Tataru, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte Lehadus, Ion Sandu, Dana Chitimus , Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Revista de Materiale Plastice, 2018, vol. 55, no. 4, p. 660-685, WOS:000454987400048	0.8
2.	Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana , Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale sequencing batch reactor treatment system, Chemistry Journal of Moldova, 2017, vol. 12, nr. 1, pg. 61-66, WOS:000404526200006	0
3.	Mariana Turcu, Narcis Bârsan, Emilian Moșneguțu, Mihaela Dascălu, Dana Chițimuș , Cristian Radu, Application of the flocculation process in the industrial wastewater treatment, Environmental Engineering & Management Journal (EEMJ), 2016, vol. 15, nr. 3, pg. 521-526, WOS:000376876400005	1.1
4.	Mihai-Cosmin Belciu, Emilian Florin Moșneguțu, Valentin Nedeff, Alexandra-Dana Chițimuș , Narcis Barsan, Silvia Fiore, Production capacity of leachate from Bihor landfill, Environmental Engineering & Management Journal (EEMJ), 2016, vol. 15, nr. 9, p. 2057-2062, WOS:000390326200019	1.1
5.	Alexandra-Dana Chitimus , Cristian Radu, Valentin Nedeff, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on Typha Latifolia's (bulrush) absorption capacity of heavy metals from the soil, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2016, vol. 17, nr. 4, p. 381-393, WOS:000391283400006	0.3
6.	Cristian Radu, Alexandra-Dana Chițimuș , Mariana Turcu, Greta Ardeleanu, Mihai Belciu, Impacts of anthropogenic activities in Bacau area upon heavy metals concentration on Bistrita river sides, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1687-1691, WOS:000344577400017	1.1
7.	Alexandra-Dana Chițimuș , Emilian Florin Mosnegutu, Mihai C. Nicolescu, Mariana Turcu, Mihai Belciu, Greta Ardeleanu, Mathematical modelling of water migration time in soil, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1581-1856, WOS:000344577400005	1.1
8.	Doina Capsa, Mirela Panainte, Dana Chitimus , Marius Stanila, Daniel-Catalin Felegeanu, Accidental pollution with ammonia. Influence of meteorological factors, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1573-1580, WOS:000344577400004	1.1
9.	Laurențiu Tataru, Valentin Nedeff, Emilian Moșneguțu, Mirela Panainte-Lehăduș, Dana Alexandra Chițimuș , Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study & Research Chemistry & Chemical Engineering,	0.3

	Biotechnology, Food Industry, vol. 20, nr. 1, 2019, pg. 75-87, WOS:000462758300008	
10.	Stanila Marius, Valentin Nedeff, Emilian Florin Mosnegutu, Mirela Panainte, Alexandra-Dana Chitimus , Optimization of a mixed cycle gas turbine Titan 130S type operating under partial loads, Environmental Engineering and Management Journal, vol.12, no.1, 2013, pg. 115-124, WOS:000317803300014	1.1
11.	Alexandra-Dana Chitimus , Valentin Nedeff, Emilian Florin Mosnegutu, Mirela Panainte, In situ soil flushing studies on remediation efficiency of polluted sandy soils with organic acids, Environmental Engineering and Management Journal, 2012, vol. 11, nr. 12, pg. 2163-2168, WOS:000314169000007	1.1
12.	Emilian Florin Mosnegutu, Valentin Nedeff, Alexandra Dana Chitimus , Dragos-Ioan Rusu, Ion Joita, Aspects regarding the Siret river direction-changing in the Bacau County Region, Romania, International Journal Of Conservation Science, Volume 10, Issue 1, January-March 2019, 139-146, WOS:000462542400012	0.8
13.	Emilian Moşneguţu, Valentin Nedeff, Cristina Carmen Stingu (Palici), Dana Chiţimuş , Dragoş-Ioan Rusu, Ion Joita, Possibilities of software evaluation for the river course modification. Case study: Siret river in Bacau Region Sector, International Journal Of Conservation Science, Volume 10, Issue 2, Aprilie-June 2019, p. 371-380, WOS:000488882500016	0.8
14.	Laurentiu Tataru, Narcis Barsan, Florin Marian Nedeff, Ion Sandu, Emilian Mosnegutu, Dana Alexandra Chitimus , Alina Cochiorca, Ioan Gabriel Sandu, Treatment Study of Brook Water by Using the Ultrafiltration Pilot with Polymeric Membrane, Revista de Materiale Plastice, 2019, vol. 56, no. 4, p. 986-994, WOS:000509920700045	0.8
15.	Luminita Bibire, Florin Ion Lazar, Alexandra-Dana Chitimus , Adrian Stelian Ghenadi, Risk management in industrial companies, case study: collective work accident at a brewery, Scientific Study and Research Chemistry and Chemical Engineering, Biotechnology, Food Industry, vol. 21, nr. 1 2020, pg. 111-124, WOS:000520866100010	0.3
16.	Oana Tirtoaca (Irimia), Mirela Panainte-Lehadus, Claudia Tomozei, Emilian Mosnegutu, Alexandra-Dana Chitimus , Narcis Barsan, Study regarding the measuring of particulate matter PM2.5 and PM10 in industrial working environments, Scientific Study and Research Chemistry and Chemical Engineering, Biotechnology, Food Industry, vol. 21, nr. 2, 2020, p. 271 – 278, WOS:000546789300012	0.3
17.	Cochiorca Alina, Fiorucci Adriano, Nedeff Valentin, Barsan Narcis, Mosnegutu Emilian Florin, Chitimus Dana , Panainte-Lehadus Mirela, Water quality analysis from a mining area. Case study: Targu Ocna salt mine, Romania, Environmental Engineering and Management Journal, vol. 3, nr. 3, 2021, p. 355 – 360, WOS:000637746900004	1.1
18.	Panainte-Lehadus Mirela, Nedeff Valentin, Barsan Narcis, Mosnegutu Emilian, Temea, Antonina, Tomozei Claudia, Irimia Oana, Chitimus Dana , Evaluation on consumer attitudes towards to the purchase of eco-labeled products, Fresenius Environmental Bulletin, vol. 30, nr. 5, 2021, p. 5521 – 5528, WOS:000658173700091	0
19.	Chitimus A.D. , Nedeff V., Muscalu (Plescan) O., Mosnegutu E., Barsan N., Panainte-Lehadus M., Tomozei C., Influence of fertilization systems to the soil inorganic compounds. Case study: monocultures of cereals, leguminous and oleaginous, Global NEST Journal, vol. 23, nr. 2, p. 275-279, 2021, WOS: 000709770400014	1.1
20.	Fabian, Florina, Nedeff, Valentin, Barsan Narcis, Panainte-Lehadus, Mirela, Mosnegutu Emilian, Cotirlet, Paul-Claudiu, Chitimus Dana , Tomozei Claudia, Irimia Oana, Estimating the carbon footprint in water treatment case study the treatment plants from Bacau Romania and Turin	0

	Italy, Fresenius Environmental Bulletin, vol. 30, nr. 10, 2021, p. 11361 – 11370, WOS: 000704955000039	
21.	Emilian Mosnegutu, Mirela Panainte-Lehadus, Valentin Nedeff, Claudia Tomozei, Narcis Barsan, Dana Chitimus , Marcin Jasinski, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, Vol.10 , no .7, 1234, 2022, WOS:000832223400001	3.5
22.	Mirela Panainte-Lehadus, Mihai Vulpe, Valentin Nedeff, Emilian Mosnegutu, Grzegorz Przydatek, Claudia Tomozei, Dana Chitimus, Study on the method of household waste collection: case study, Applied Sciences, vol. 12, no .15, 7490, 2022, WOS:000838899700001	2.7
23.	Emilian Moşneguţu, Claudia Tomozei, Mirela Panainte-Lehăduş, Dana Chiţimuş , Oana Irimia, Geometric calculation of the influence of an oscillating sieve’s actuation mechanism position on its motion, Processes, Volume 10, Issue 9, 1760, 2022, WOS:000857647700001	3.5
24.	Mohamed Abdelwaheb, Valentin Nedeff, Sonia Dridi-Dhaouadi, Emilian Moşneguţu, Narcis Barsan, Alexandra-Dana Chiţimuş , Assessment of cadmium and copper adsorption by two agricultural soils from Romania and Tunisia: risk of water resource pollution, Processes, Volume 10, 1802, 2022, WOS:000856653500001	3.5
25.	Mohamed Abdelwaheb, Valentin Nedeff, Sonia Dridi-Dhaouadi, Emilian Moşneguţu, Alexandra-Dana Chiţimuş Assessment quality of agricultural soils from Tunisian Region-Kalaa Kebira Sousse to assessment of a Tunisian agricultural soil properties, Fresenius Environmental Bulletin, vol. 31, nr. 8, 2022, p. 7767-7771, WOS: 00845078600035	0
26	Zaharia Andrei, Nedeff Valentin, Barsan Narcis, Panainte-Lehăduş Mirela, Mosnegutu Emilian, Alexandra-Dana Chiţimuş , Tomozei Claudia, Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, vol. 31, nr. 8B, 2022, p. 8742-8751, WOS:000850209000019	0
27.	Elena Goldan, Valentin Nedeff, Narcis Barsan, Mihaela Culea, Mirela Panainte-Lehadus, Emilian Mosnegutu, Claudia Tomozei, Dana Chitimus, Oana Irimia, Assessment of Manure Compost Used as Soil Amendment—A Review, Processes 2023, 11, 1167, WOS:000977626500001	3.5
28.	Bibire, Luminita, Chitimus, Alexandra-Dana, Ghenadi, Adrian-Stelian, Multi-Criteria Assessment of Taxi Transport Services for Public Procurement: Case Study for Bacau City, Sustainability 2023, 15, 7489, WOS:000987840600001	3.9
29.	Dana Chitimus, Valentin Nedeff, Emilian Mosnegutu, Narcis Barsan, Oana Irimia, Florin Nedeff, Studies on the Accumulation, Translocation, and Enrichment Capacity of Soils and the Plant Species Phragmites Australis (Common Reed) with Heavy Metals, Sustainability 2023, 15, 8729, WOS:001005352300001	3.9
30.	Oana Maria Muscalu (Plescan), Valentin Nedeff, Alexandra Dana Chitimus , Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Ion Sandu, Dragos Ioan Rusu, Influence of Fertilization Systems on Physical and Chemical Properties of the Soil, Revista De Chimie (Bucharest), 2018, vol. 69, nr. 11, pg. 4006-4011, WOS:000451931500031	0
31.	Muscalu (Pleşcan), O.M., Nedeff, V., Chiţimuş, A.D. , Partal, E., Bârsan, N., Rusu, I.D., Ioan Gabriel Sandu, Influence of soil fertilization systems and crop rotation on chemical properties of the soil, Revista de Chimie, vol.70, nr. 2, 2019, pg. 536-542, WOS:000461982200036	0
32.	Alexandra Dana Chitimus , Valentin Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Ioan Gabriel Sandu, Narcis Barsan, Mathematical Modeling for the Absorption Capacity of Heavy Metals from the Soil in the Case of Phragmites Australis Plant Species, REV.CHIM.(Bucharest), vol. 70, nr. 7, 2019, p. 2545-2551, WOS:000485843500050	0
33.	Alexandra Dana Chitimus , Valentin Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Ioan Gabriel Sandu, Narcis Barsan, Absorption	0

	capacity of heavy metals in the case of Typha Latifolia plant species, REV.CHIM.(Bucharest), vol. 70, nr. 8, 2019, p. 3058-3061, WOS:000489685600076	
34.	Alina Cochiorca, Narcis Barsan, Florin Marian Nedeff, Ion Sandu, Emilian Florin Mosnegutu, Mirela Panainte Lehadus, Dana Chitimus , Oana Irimia, Ioan Gabriel Sandu, Surface water quality assessment from a mining area case study, Groapa Burlacu lake, Targu Ocna, Romania, REV.CHIM.(Bucharest), vol. 70, nr. 10, 2019, p. 3678-3680, WOS:000500795900049	0
35.	Carolina Untila, Mihail Caraman, Valentin Nedeff, Narcis Barsan, Ion Sandu, Alexandra Dana Chitimus , Vasile Valentin Cretu, Claudia Tomozei, Andrei Victor Sandu, Evaluation of heavy metals and organic compounds in water samples collected from various sources from Republic of Moldova and Romania, REV.CHIM.(Bucharest), vol. 70, nr. 10, 2019, p. 3570-3574, WOS:000500795900025	0
36.	Alexandra Dana Chitimus , Florin Marian Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Narcis Barsan, Ioan Gabriel Sandu, Claudia Tomozei, Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant Species, REV.CHIM.(Bucharest), vol. 70, nr. 11, 2019, p. 4035-4039, WOS:000503185300054	0
37.	Narcis Barsan, Dana Chitimus , Florin Marian Nedeff, Ion Sandu, Mirela Panainte Lehadus, Andrei Victor Sandu, Oana Irimia Tartoaca, Experimental Application of a Laboratory SBR Plant Used for Domestic Wastewater Treatment, REV.CHIM.(Bucharest), vol. 70, nr. 11, 2019, p. 4098-4101, WOS:000503185300067	0

NT =37

**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.	Alexandra-Dana Chitimus , Cristian Radu, Valentin Nedeff, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on Typha Latifolia's (bulrush) absorption capacity of heavy metals from the soil, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2016, vol. 17, nr. 4, p. 381-393	prim autor	0.3	NU
2.	Cristian Radu, Alexandra-Dana Chițimuş , Mariana Turcu, Greta Ardeleanu, Mihai Belciu, Impacts of anthropogenic activities in Bacau area upon heavy metals concentration on Bistrita river sides, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1687-1691	adresă corespondență	1.1	DA
3.	Alexandra-Dana Chițimuş , Emilian Florin Mosnegutu, Mihai C. Nicolescu, Mariana Turcu, Mihai Belciu, Greta Ardeleanu, Mathematical modelling of water migration time in soil, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1581-1856	prim autor	1.1	DA
4.	Alexandra-Dana Chitimus , Valentin Nedeff, Emilian Florin Mosnegutu, Mirela Panainte, In situ soil flushing studies on remediation efficiency of polluted sandy soils with organic acids, Engineering and Management Journal, 2012, vol. 11, nr. 12, pg. 2163-2168	prim autor	1.1	DA
5.	Luminita Bibire, Florin Ion Lazar, Alexandra-Dana Chitimus , Adrian Stelian Ghenadi, Risk management in industrial companies, case study: collective work accident at a brewery, Scientific Study and Research Chemistry and Chemical Engineering, Biotechnology, Food Industry, vol. 21, nr. 1 2020, pg. 111-124.	adresă corespondență	0.3	NU
6.	Chitimus A.D. , Nedeff V., Muscalu (Plescan) O., Mosnegutu E., Barsan N., Panainte-Lehadus M., Tomozei C., Influence of fertilization systems to the soil inorganic compounds. Case study: monocultures of cereals, leguminous and oleaginous, Global NEST Journal, vol. 23, nr. 2, p. 275-279, 2021	prim autor	1.1	DA
7.	Emilian Mosnegutu, Mirela Panainte-Lehadus, Valentin Nedeff, Claudia Tomozei, Narcis Barsan, Dana Chitimus , Marcin Jasinski, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, Vol.10 , no .7, 1234, 2022	adresă corespondență	3.5	DA
8.	Mohamed Abdelwaheb, Valentin Nedeff, Sonia Dridi-Dhaouadi, Emilian Moşneguţu, Narcis Barsan,	adresă corespondență	3.5	DA

	Alexandra-Dana Chițimus , Assessment of cadmium and copper adsorption by two agricultural soils from Romania and Tunisia: risk of water resource pollution, Processes, Volume 10, 1802, 2022			
9.	Bibire, Luminita, Chițimus, Alexandra-Dana , Ghenadi, Adrian-Stelian, Multi-Criteria Assessment of Taxi Transport Services for Public Procurement: Case Study for Bacau City, Sustainability 2023, 15, 7489, WOS:000987840600001	adresă corespondență	3.9	DA
10.	Dana Chitimus, Valentin Nedeff, Emilian Mosnegutu, Narcis Barsan, Oana Irimia, Florin Nedeff, Studies on the Accumulation, Translocation, and Enrichment Capacity of Soils and the Plant Species Phragmites Australis (Common Reed) with Heavy Metals, Sustainability 2023, 15, 8729, WOS:001005352300001	prim autor	3.9	DA
11.	Oana Maria Muscalu (Plescan), Valentin Nedeff, Alexandra Dana Chitimus , Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Ion Sandu, Dragos Ioan Rusu, Influence of Fertilization Systems on Physical and Chemical Properties of the Soil, Revista De Chimie (Bucharest), 2018, vol. 69, nr. 11, 4006-4011, WOS:000451931500031	adresă corespondență	0	NU
12.	Muscalu (Pleşcan), O.M., Nedeff, V., Chițimuș, A.D. , Partal, E., Bârsan, N., Rusu, I.D., Ioan Gabriel Sandu, Influence of soil fertilization systems and crop rotation on chemical properties of the soil, Revista de Chimie, vol.70, nr. 2, 2019, pg. 536-542, WOS:000461982200036	adresă corespondență	0	NU
13.	Alexandra Dana Chitimus , Valentin Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Ioan Gabriel Sandu, Narcis Barsan, Mathematical Modeling for the Absorption Capacity of Heavy Metals from the Soil in the Case of Phragmites Australis Plant Species, REV.CHIM.(Bucharest), vol. 70, nr. 7, 2019, p. 2545-2551, WOS:000485843500050	prim autor	0	NU
14.	Alexandra Dana Chitimus , Valentin Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Ioan Gabriel Sandu, Narcis Barsan, Absorption capacity of heavy metals in the case of Typha Latifolia plant species, REV.CHIM.(Bucharest), vol. 70, nr. 8, 2019, p. 3058-3061, WOS:000489685600076	prim autor	0	NU
15.	Alexandra Dana Chitimus , Florin Marian Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Narcis Barsan, Ioan Gabriel Sandu, Claudia Tomozei, Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant Species, REV.CHIM.(Bucharest), vol. 70, nr. 11, 2019, p. 4035-4039, WOS:000503185300054	prim autor	0	NU
16.	Narcis Barsan, Dana Chitimus , Florin Marian Nedeff, Ion Sandu, Mirela Panainte Lehadus, Andrei Victor Sandu, Oana Irimia Tartoaca, Experimental Application of a Laboratory SBR Plant Used for Domestic Wastewater Treatment, REV.CHIM.(Bucharest), vol. 70, nr. 11, 2019, p. 4098-4101, WOS:000503185300067	adresă corespondență	0	NU

NP =16 (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 corespondență)	NR. AUTORI	FI/NR. AUTORI
1.	Laurentiu Tataru, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte Lehadus, Ion Sandu, Dana Chitimus , Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Revista de Materiale Plastice, 2018, vol. 55, no. 4, p. 660-685.	0,8	NU	7	0.1142
2.	Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana , Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale sequencing batch reactor treatment system, Chemistry Journal of Moldova, 2017, vol. 12, nr. 1, pg. 61-66	0	NU	6	0
3.	Mariana Turcu, Narcis Bârsan, Emilian Moșneguțu, Mihaela Dascălu, Dana Chițimuș , Cristian Radu, Application of the flocculation process in the industrial wastewater treatment, Environmental Engineering & Management Journal (EEMJ), 2016, vol. 15, nr. 3, pg. 521-526	1,1	NU	6	0.1833
4.	Mihai-Cosmin Belciu, Emilian Florin Moșneguțu, Valentin Nedeff, Alexandra-Dana Chițimuș , Narcis Barsan, Silvia Fiore, Production capacity of leachate from Bihor landfill, Environmental Engineering & Management Journal (EEMJ), 2016, vol. 15, nr. 9, p. 2057-2062	1,1	NU	6	0.1833
5.	Alexandra-Dana Chitimus , Cristian Radu, Valentin Nedeff, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on Typha Latifolia's (bulrush) absorption capacity of heavy metals from the soil, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2016, vol. 17, nr. 4, p. 381-393	0,3	DA	5	0.3

6.	Cristian Radu, Alexandra-Dana Chițimuș , Mariana Turcu, Greta Ardeleanu, Mihai Belciu, Impacts of anthropogenic activities in Bacau area upon heavy metals concentration on Bistrita river sides, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1687-1691	1,1	DA	5	1.1
7.	Alexandra-Dana Chițimuș , Emilian Florin Mosnegutu, Mihai C. Nicolescu, Mariana Turcu, Mihai Belciu, Greta Ardeleanu, Mathematical modell-ing of water migration time in soil, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1581-1856	1,1	DA	6	1.1
8.	Doina Capsa, Mirela Panainte, Dana Chitimus , Marius Stanila, Daniel-Catalin Felegeanu, Accidental pollution with ammonnia. Influence of meteorological factors, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1573-1580.	1,1	NU	5	0.22
9.	Laurențiu Tataru, Valentin Nedeff, Emilian Moșneguțu, Mirela Panainte-Lehăduș, Dana Alexandra Chițimuș , Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 20, nr. 1, 2019, pg. 75-87	0,3	NU	5	0.06
10.	Stanila Marius, Valentin Nedeff, Emilian Florin Mosnegutu, Mirela Panainte, Alexandra-Dana Chitimus , Optimization of a mixed cycle gas turbine Titan 130S type operating under partial loads, Environmental Engineering and Management Journal, vol.12, no.1, 2013, pg. 115-124	1,1	NU	5	0.22
11.	Alexandra-Dana Chitimus , Valentin Nedeff, Emilian Florin Mosnegutu, Mirela Panainte, In situ soil flushing studies on remediation efficiency of polluted sandy soils with organic acids, Engineering and Management Journal, 2012, vol. 11, nr. 12, pg. 2163-2168	1,1	DA	4	1.1
12.	Emilian Florin Mosnegutu, Valentin Nedeff, Alexandra Dana Chitimus , Dragos-Ioan Rusu, Ion Joita, Aspects regarding the Siret	0,8	NU	5	0.16

	river direction-changing in the Bacau County Region, Romania, International Journal Of Conservation Science, Volume 10, Issue 1, January-March 2019, 139-146				
13.	Emilian Moşneguţu, Valentin Nedeff, Cristina Carmen Stingu (Palici), Dana Chiţimuş , Dragoş-Ioan Rusu, Ion Joita, Possibilities of software evaluation for the river course modification. Case study: Siret river in Bacau Region Sector, International Journal Of Conservation Science, Volume 10, Issue 2, Aprilie-June 2019, p. 371-380	0,8	NU	6	0.133
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**B. Lista de lucrări
în afara standardelor minimale necesare și obligatorii pentru
conferirea titlurilor didactice din învățământul superior și a
gradelor profesionale de cercetare – dezvoltare**

I. CĂRTI ȘI CAPITOLE DIN CĂRTI

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5. Doina Capsa, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, **Dana Chitimus**, Mihai Vulpe, Theoretical correlations between air quality and climatic factors Sixth International Conference On Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 684-692.
6. Narcis Barsan, Valentin Nedeff, Emilian Moşneguțu, **Dana Chitimus**, Mariana Turcu, Aspects regarding to the municipal wastewater treatment in small plant during cold period, Sixth International Conference On Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 709-718.
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V. ALTE ACTIVITĂȚI

1. Contracte de cercetare cu agenți economici

- Membru în echipa a peste 31 de contracte de cercetare cu agenți economici.

2. Membru în colectivul editorial al jurnalului:

- Journal of Engineering Studies and Research (ISSN 2068-7559).

3. Peste 30 de recenzii la articole științifice, cuantificate în platforma Web of Science Researcher (A-9446-2015).

4. 7 mobilități de tip Erasmus + .

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