



ROMÂNIA
MINISTERUL EDUCAȚIEI
UNIVERSITATEA „VASILE ALECSANDRI” DIN BACĂU
Calea Mărășești, Nr. 157, Bacău 600115
Tel. +40-234-542411, tel./fax +40-234-545753
www.ub.ro; e-mail: rector@ub.ro



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

Anexa nr. 18 - COMISIA INGINERIA MEDIULUI

Conf.univ.dr.ing. Narcis BÂRSAN

Universitatea „Vasile Alecsandri” din Bacău

**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, excluzandu-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) $FIC \geq 20$

În 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) $NC \geq 100$

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

Conf.univ.dr.ing. Narcis BARSAN

Tabel centralizator cu activitatea specifică îndeplinirii standardelor minimale

Nr.c rt	Articole în jurnale ISI/ Brevete	Nr. Autori	FI revistă	Autor principal	Calcul FIC
1.	Vasilica Maria, Capsa Doina, Covaci Irina, Nedeff Valentin, Bârsan Narcis , Panainte Mirela, A case study of heavy rainfall in the central-southern Moldavia region, Environmental Engineering and Management Journal, vol. 11, No. 12, 2012, p. 2151-2158. WOS:000314169000005	6	1,1	NU	0,183
2.	Narcis Bârsan , Valentin Nedeff, Emilian Florin Moșneguțu, Mirela Panainte, Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, Environmental Engineering and Management Journal, Vol.11, No. 12, 2012, p. 2131-2138. WOS:000314169000003	4	1,1	DA	1,1
3.	Irimia, Oana Tirtoaca, Tomozei, Claudia, Panainte, Mirela, Mosnegutu, Emilian Florin, Barsan, Narcis , Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, Vol. 12, no. 1, 2013, p. 35-39. WOS:000317803300005	5	1,1	NU	0,22
4.	Mariana Turcu, Valentin Nedeff, Narcis Barsan , Emilian Florin Mosnegutu, Mirela Panainte, Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants, Environmental Engineering and Management Journal, Vol.12, No. 1, 2013, p. 163-166. WOS:000317803300018	5	1,1	NU	0,22
5.	Narcis Barsan , Ion Joita, Marius Stanila, Cristian Radu, Mihaela Dascalu, Modelling wastewater treatment process in a small plant using a sequencing batch reactor (SBR), Environmental Engineering and Management Journal, Vol.13, no. 7, 2014, p. 1561-1566,	5	1,1	DA	1,1

	WOS:000344577400002				
6.	Mariana Turcu, Narcis Bârsan , Oana Irimia, Ion Joița, Mihai Belciu, Application of synthetic chemical compounds in petroleum sludge treatment, Environmental Engineering and Management Journal, Vol.13, No. 7, 2014, p. 1751-1756. WOS:000344577400025	5	1,1	NU	0,22
7.	Dumitru-Cristinel Nadabaica, Stanisław Radkowski, Valentin Nedeff, Gigel Paraschiv, Narcis Barsan , Mihai C Nicolescu, Experimental study of noise levels generated by rolling bearings in different stages of deterioration, Environmental Engineering and Management Journal, Vol.13, No. 7, 2014, p. 1631-1639. WOS:000344577400011	6	1,1	NU	0,183
8.	Mirela Panainte, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan , Green market: a comparative study in Romania, Fresenius Environmental Bulletin, vol. 23, no. 11, 2014, p. 2870-2875. WOS:000349805500013	8	0	NU	0
9.	Mihai-Cosmin Belciu, Emilian Florin Moșneguțu, Valentin Nedeff, Alexandra-Dana Chițimuș, Narcis Barsan , Silvia Fiore, Production capacity of leachate from Bihor landfill, Environmental Engineering and Management Journal, 1582-9596, vol. 15, no. 3, 2016, p. 2057-2062. WOS:000390326200019	6	1,1	NU	0,183
10	Doina Capșa, Narcis Barsan , Daniel Felegeanu, Marius Stanila, Ioan Joița, Madalin Rotaru, Camelia Ureche, Influence of climatic factors on the pollution with nitrogen oxides (NOX) in Bacau City, Romania, Environmental Engineering and Management Journal, 1582-9596, vol. 15, no. 3, 2016, p. 655-663, WOS:000376876400020.	7	1,1	DA	1,1
11	Mariana Turcu, Narcis Bârsan , Emilian Moșneguțu, Mihaela Dascălu, Dana Chițimuș, Cristian Radu, Application of the flocculation process in the industrial wastewater treatment, Environmental Engineering and Management Journal, 1582-9596, vol. 15, no. 3, 2016, p. 521-526, WOS:000376876400005.	6	1,1	DA	1,1

12	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, vol. 17, no. 4, 2016, p. 381 – 393., WOS:000391283400006	5	0,3	NU	0,06
13	Antonina Temea, Claudio Comoglio, Serena Botta, Valentin Nedeff, Mirela Panainte-Lehăduș, Marcela Danu, Narcis Barsan , Developing a green register of eco-labeled products in Romania, Environmental Engineering and Management Journal, vol. 15, no. 8, 2016, p. 1873-1878. WOS:000388119400022	7	1,1	NU	0,157
14	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, vol. 12, no. 1, 2017, p.61-66. WOS:000404526200006	6	0,5	DA	0,5
15	Mahamadi Nikiema, Narcis Barsan , Marius K. Somda, Desiré Traore, Dayéri Dianou, Valentin Nedeff, Alfred S. Traore, Optimization of biogas production from organic fraction of municipal solid waste: experimental test using liquid from waste fermentation, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 18 no. 2, 2017, p. 213 – 224. WOS:000406261500010	7	0,3	DA	0,3
16	Florin Marian Nedeff, Narcis Bârsan , Adriana Luminița Fînaru, Studies and research concerning the use of some recyclable absorbent materials for increasing acoustic comfort into a room designed for speaking, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2017, vol. 18 no. 3, p. 329-338. WOS:000419642100009	3	0,3	NU	0,1
17	Tataru, L., Nedeff, V., Barsan, N. , Mosnegutu, E., PanainteLehadus, M., Sandu, I., Chitimus, D., Studies of Humic Acid Removal from Aqueous Systems by Using Polymeric Membrane Ultrafiltration Process, Mat. Plast., vol. 55, no. 4, 2018, p. 660-685.	7	0,8	DA	0,8

	WOS:000454987400048				
18	Cochiorca, A., Nedeff, V., Barsan, N. , Mosnegutu, E.F., Panainte-Lehadus, M., Tomozei, C., Analysis Of Water Quality For Two Rivers Located Near A Mining Area, Chemistry & Chemical Engineering, Biotechnology, Food Industry, 19, no. 4, 2018, p. 455 – 463. WOS:000452211700009	6	0,3	DA	0,05
19	Emilian Moşneguţu, Valentin Nedeff, Narcis Bârsan , Dragoş Rusu, The influence of air velocity on the behavior of a solid particle displacement in a vertical path, Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2018, vol. 19 no. 4, pp. 431 – 441. WOS:000452211700007	4	0,3	DA	0,075
20	Sifolo S. Coulibaly, Flavien Ettien Edoukou, Kouadio I. Kouassi, N.Barsan , V.Nedeff, I. A. Bi Zoro, Vermicompost utilization: A way to food security in rural area, Helyon, 2018, vol. 4, no. 12, pp. e01104. WOS:000454725700006	6	4	NU	0,667
21	Elena Goldan, Valentin Nedeff, Narcis Barsan , Emilian Mosnegutu, Andrei Victor Sandu, Mirela Panainte, The Effect of Biochar Mixed with Compost on Heavy Metal Concentrations in a Greenhouse experiment and on Folsomia Candida and Eisenia Andrei in Laboratory Conditions, REV.CHIM.(Bucharest), vol. 70, No. 3, 2019, p. 809- 813. WOS:000464911600014	6	0	NU	0
22	Oana Maria Muscalu (Plescan), Valentin Nedeff, Ioan Gabriel Sandu, Alexandra Dana Chitimus, Elena Partal, Narcis Barsan , Dragos Ioan Rusu, Influence of Soil Fertilization Systems and Crop Rotation on Soil Chemical Properties, REV.CHIM.(Bucharest), 70, No. 2, 2019, p. 536-542. WOS:000461982200036	7	0	NU	0
23	Florina Fabian, Valentin Nedeff, Narcis Barsan , Emilian Mosnegutu, Energy and Chemicals Consumption Evaluation in Water Treatment Plant A comparative study between Bacau and Turin, REV.CHIM. (Bucharest), vol. 70, No. 3, 2019, p. 881-886. WOS:000464911600027	4	0	NU	0

24	Laurentiu Tataru, Valentin Nedeff, Narcis Barsan , Andrei Victor Sandu, Emilian Mosnegutu, Mirela Panainte-Lehadus, Ion Sandu, Applications of Polymeric Membranes Ultrafiltration Process on the Retention of Bentonite Suspension, Materiale Plastice, vol. 56, No. 1, 2019, p. 97-102. WOS:000464604100020	7	0,8	DA	0,8
25	Elena Goldan, Valentin Nedeff, Ion Sandu, Narcis Barsan , Emilian Mosnegutu, Mirela Panainte, The Use of Biochar and Compost Mixtures as Potential, Organic Fertilizers, REV.CHIM.(Bucharest), vol. 70, No. 6, 2019, p. 2192- 2197. WOS:000475860100063	6	0	DA	0
26	Lavinia Misaila, Florin Marian Nedeff, Narcis Barsan , Ioan Gabriel Sandu, Luminita Grosu, Oana-Irina Patriciu, Lucian Gavrila, Adriana-Luminita Finaru, WATERSHED - Android Application for the Mineral Waters Classification, REV.CHIM.(Bucharest), vol. 70, No. 6, 2019, p. 2212-2217. WOS:000475860100067	8	0	DA	0
27	Sampah Georges Eblin, Kouakou Seraphin Konan, Oi Mangoua Jules Mangoua, Valentin Nedeff, Andrei Victor Sandu, Narcis Barsan , Ion Sandu, Nitrate Pollution of Groundwater Based on GIS in the City of Daloa, West-central Cote d'Ivoire, REV.CHIM.(Bucharest), 70, No. 7, 2019, p. 2579-2583. WOS:000485843500057	7	0	DA	0
28	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, No. 7, 2019, p. 2545-2551. WOS:000485843500050	7	0	DA	0
29	Oana-Maria Muscalu (Plescan), Valentin Nedeff, Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Narcis Barsan , Ion Sandu, Dragos Rusu, Influence of Main Works Systems on Physical and Chemical, Properties of the Soil, , REV.CHIM.(Bucharest), vol, 70, No. 5, 2019, p. 1726-1730. WOS:000470086400043	8	0	NU	0

30	Mirela Panainte Lehadus, Valentin Nedeff, Narcis Barsan , Andrei Victor Sandu, Emilian Mosnegutu, Claudia Tomozei, Oana Irimia, Gabriela Andrioai, Ion Sandu, Monitoring the Particulate Matter (PM10) Emissions from Bacau City Thermo-Energetic Industry, REV.CHIM.(Bucharest), vol. 70, No. 8, 2019, p. 2869-2019. WOS:000489685600035	9	0	DA	0
31	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, No. 8, 2019, p. 3058-3061. WOS:000489685600076	7	0	DA	0
32	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, No. 10, 2019, p. 3678-3680. WOS:000500795900049	9	0	DA	0
33	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, No. 10, 2019, p. 3570-3574. WOS:000500795900025	9	0	DA	0
34	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, No. 11, 2019, p. 4035- 4039. WOS:000503185300054	8	0	DA	0

35	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, No. 11, 2019, p. 4098- 4101. WOS:000503185300067	7	0	DA	0
36	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, Materiale Plastice, vol. 56, no. 4, 2019. p. 986-994. WOS:000509920700045	8	0,8	DA	0,8
37	Lavinia Misăilă, Narcis Bârsan , Florin Marian Nedeff, Dumitra Răducanu, Luminița Grosu, Oana-Irina Patriciu, Lucian Gavrilă, Adriana-Luminița Fînar, Quality assessment of Slanic-Moldova mineral waters stored in reusable bottles, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2020, 21 (2), p. 253 – 262. WOS:000546789300010	8	0,3	NU	0,038
38	Tirtoaca (Irimia) Oana, Panainte-Lehadus Mirela, Tomozei Claudia, Mosnegutu Emilian, Chitimus Alexandra-Dana, Barsan Narcis , Study regarding the measuring of particulate matter PM2.5 and PM10 in industrial working environments, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2020, 21 (2) p. 271 – 278. WOS:000546789300012	6	0,3	NU	0,05
39	Vulpe Mihai, Valentin Nedeff, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Barsan Narcis , Tomozei Claudia, Atudy of waste management in different areas from Romania, Fresenius Environmental Bulletin, 2021, 30, No. 03, p. 2686-2691. WOS:000629181400044	6	0	NU	0

40	Sampah Georges Eblin, Kouakou Séraphin Konan, Tanoh Jean Jacques Koua, Mirela Panainte-Lehadus, Valentin Nedeff, Narcis Barsan , Assessment of Bandama River water resources for drinking water supply in Sinfra and Gagnoa localities (West-Central, Côte D'ivoire), Fresenius Environmental Bulletin, 2021, 30, No. 02A, p. 2218-2226. WOS:000626629800073	6	0	DA	0
41	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, 2021, 20, no. 3, p. 355-360. WOS:000637746900004	7	1,1	NU	0,157
42	Mirela Panainte-Lehadus, Valentin Nedeff, Narcis Barsan , Emilian Mosnegutu, Antonina Temea, Claudia Tomozei, Oana Irimia, Dana Chitimus, Evaluation on consumer attitudes towards to the purchase of eco-labeled products, Fresenius Environmental Bulletin, 2021, vol. 30, no. 5, p. 5521-5528. WOS:000658173700091	8	0	DA	0
43	Mihai Vulpe, Valentin Nedeff, Mirela Panainte Lehadus, Emilian Florin Mosnegutu, Paul Claudiu Cotirlet, Narcis Barsan , Educational Attainment Implication In The Waste Problems Perception A Case Study Applied To Romanian Citizens, Fresenius Environmental Bulletin, Volume 30– No. 06B/2021 pages 7639-7646. WOS:000670303700052	6	0	DA	0
44	Hanen Filali, Narcis Barsan , Dalila Souguir, Valentin Nedeff, Claudia Tomozei, Mohamed Hachicha, Greywater as an Alternative Solution for a Sustainable Management of Water Resources—A Review, Sustainability, 2022, vol. 14, No. 2, art.no. 665, WOS:000757668100001	6	3,9	DA	3,9
45	Goldan, E; Nedeff, V; Barsan, N ; Culea, M; Tomozei, C; Panainte-Lehadus, M; Mosnegutu, E., Evaluation of the Use of Sewage Sludge Biochar as a Soil Amendment-A Review, Sustainability, Vol. 14, nr. 9, 2022, WOS:000794497400001	7	3,9	DA	3,9

46	Ghezali, K; Bentahar, N; Barsan, N ; Nedeff, V; Mosnegutu, E, Potential of Canna indica in Vertical Flow Constructed Wetlands for Heavy Metals and Nitrogen Removal from Algiers Refinery Wastewater, Sustainability, Vol. 14, nr. 8, 2022, WOS:000786356700001	5	3,9	DA	3,9
47	Lavinia Misaila, Narcis Barsan , Florin Marian Nedeff, Dumitra Raducanu, Cristian Radu, Luminita Grosu, Oana-Irina Patriciu, Lu8cian Gavrilă, Adriana-Luminita Finaru, Perspectives for Quality Evaluation of Some Mineral Waters from Slanic Moldova, Water, vol. 14, no. 2942, WOS:000867160200001	9	3,4	DA	3,4
48	Nikiema, M; Barsan, N ; Maiga, Y; Somda, MK; Mosnegutu, E; Ouattara, CAT; Dianou, D; Traore, AS; Nedeff, V; Ouattara, AS, Optimization of Biogas Production from Sewage Sludge: Impact of Combination with Bovine Dung and Leachate from Municipal Organic Waste, Sustainability, Vol. 14, nr. 8, 2022, WOS:000787961900001	10	3,9	DA	3,9
49	Fègbawè Badanaro, Narcis Barsan , Amivi Tété-Benissan, Valentin Nedeff, Mirela Panainte-Lehadus, Sustainable Local Food Evaluation by Dosage of Some Metallic Pollutants in Wild Insect Species Consumed in Togo, Sustainability, 2022, vol. 14, No. 3, art.no. 1892, WOS:000755645900001.	5	3,9	DA	3,9
50	Fabian, F., Nedeff, V., Barsan, N. , Panaiute-Lehadus, M., Mosnegutu, E. F., Cotirlet Paul-Claudiu, Chitimus, D., Tomozei, C., Irimia, O., Estimating the Carbon Footprint In Water Treatment Case Study The Treatment Plants From Bacau Romania And Turin Italy, Fresenius Environmental Bulletin, vol. 30, no. 10, 2021p. 11361-11370. WOS:000704955000039	9	0	NU	0
51	Tirnovan, A., Covaci, O., Gazda, M. R., Barsan, N. , Enea, A., Flood Vulnerability Reduction. Case Study: Tazlau River Basin, Downstream of Its Confluence With Tazlau Sarat, Present Environment And Sustainable Development, vol. 15, no. 2, 2021, p. 189-198. WOS:000744252400016	5	0,7	NU	0,14

52	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, no. 2, 2021, p. 275-279. WOS:000709770400014	7	1,1	NU	0,157
53	Eblin, S. G., Anoh, K. A., Yao, A. B., Kouassi, K. L., Nedeff, V., Panainte-Lehadus, M., Barsan, N. , Effect Of The Distribution System On Drinking Water Quality In The City Of Daloa (West Central Cote D'ivoire), Fresenius Environmental Bulletin, vol. 31, no. 6A, 2022, p. 6713-6720. WOS:000811588300078	7	0	DA	0
54	Mosnegutu, E., Panainte-Lehadus, M., Nedeff, V., Tomozei, C., Barsan, N. , Chitimus, D., Jasinski, M., Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, 2022, vol. 10, No. 7, art.no. 1234. WOS:000832223400001	7	3,5	NU	0,5
55	Panainte-Lehăduș M., Moșneguțu, E., Barsan, N. , Andrioai, G., Tomozei, C., Oana Irimia, O., Mathematical Perspectives in the Variable Texture Products Cutting Process, Processes, vol. 10, no. 8, 2022, art.no. 1603. WOS:000845796500001	6	3,5	NU	0,583
56	Abdelwaheb, M., Nedeff, V., Dridi-Dhaouadi, S., Moșneguțu, E., Barsan, N. , Chițimus, A. D., Assessment of cadmium and copper adsorption by two agricultural soils from Romania and Tunisia: risk of water resource pollution, Processes, Volume 10, 2022, art. no. 1802. WOS:000856653500001	6	3,5	NU	0,58
57	Zaharia, A., Nedeff, V., Barsan, N. , Panainte-Lehăduș, M., Mosnegutu, E., Chițimus, A.D., Tomozei, C., Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, vol. 31, nr. 8B, 2022, p. 8742-8751. WOS:000850209000019	7	0	NU	0

58	Goldan, E., Nedeff, V., Barsan, N., Culea, M., Panainte-Lehadus, M., Mosnegutu, E., Tomozei, C., Chitimus, D., Irimia, O., Assessment of Manure Compost Used as Soil Amendment-A Review, Processes, vol. 11, no. 4, 2023, art. no., 1167. WOS:000977626500001	9	3,5	NU	0,389
59	Chitimus, D., Nedeff, V., Mosnegutu, E., Barsan, N., Irimia, O., Nedeff, F., Studies on the Accumulation, Translocation, and Enrichment Capacity of Soils and the Plant Species Phragmites Australis (Common Reed) with Heavy Metals, Sustainability, vol. 15, no. 11, 2023, art.no. 8729. WOS:001005352300001	6	3,9	NU	0,65
60	Filali, H., Barsan, N., Hormann, G., Nedeff, V., Irimia, O., Nedeff, F., Hachicha, M., Greywater Vertical Treatment and Possibility of Reuse in the Fields from Peri-Urban Area, Agronomy, vol. 13, no., 3, 2023, art. no. 940, WOS:000952799300001	7	3,7	DA	3,7
61	Misaila, L., Raducanu, D., Barsan, N., Alexa, I.C., Patriciu, O.I., Grosu, L., Assessment of the microbiota of some mineral water from Slanic Moldova (Romania): seasonal evaluation and after storage in different conditions, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 24, no. 2, 2023, p. 97-110, WOS:001025811900002	6	0,3	NU	0,05
62	Brevet de invenție. Nedeff, V., Sandu, A. V., Nedeff, F. M., Sandu, I. G., Barsan, N. , Tataru, L., Sandu, I., Procedeu de obținere a membranelor polimerice asimetrice cu hidrofilie permanenta folosite la ultrafiltrarea apelor pentru industria farmaceutica și alimentara, Brevet de invenție 133608 B1, 2022, Clasificări internaționale:C08G 75/20 (2006.01), B01D 61/20 (2006.01), B01D 39/16 (2006.01), WO 02/05937 A2.	7	1	-	1
Valoare totală punctaj FIC					40,812

La tabelul centralizator de mai sus corespund următoarele informații verificabile:

- **Anexa 1 (Extras Web of Science- N-7433-2014)**
- **Anexele 2 (Extras SCOPUS-AU-ID „Bârsan, Narcis” 55596523500)**

Verificare îndeplinirii standardelor minime (cumulative)

Criteriu urmărit	Valoare criteriu standard	Valoare criteriu candidat	Îndeplinire criteriu
a	$NT \geq 25$	NT=62	DA
b	$NP \geq 10$, cu minim șase lucrări în reviste cu FI > 1	NP=32 11 lucrări în reviste FI > 1	DA
c	$FIC \geq 20$	FIC=40,812	DA
d	$NC \geq 100$	NC=239 Conform SCOPUS (Anexa 2-(AU-ID „Bârsan, Narcis” 55596523500))	DA
Total punctaj cumulat criterii a+b+c+d	372,562		

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

Conf.univ.dr.ing. Narcis BÂRSAN

I. Cărți

1. Emilian Mosnegutu, Dana Chitimus, Nedeff Florin, **Bârsan Narcis**, Separarea, mărunțirea, amestecarea și transportul produselor, Îndrumar de laborator, Alma Mater, 2019, ISBN 978-606-527-635-2, 128 pag.
2. **Bârsan Narcis**, Nedeff Valentin (coord.), Irimia Oana, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chitimus, Tomoze Claudia, Nedeff Florin, Proceduri de lucru pentru analiza calității apelor și a altor compuși lichizi, Alma Mater, 2018, ISBN 978-606-527-589-8, 147 pag.
3. Nedeff Valentin (coord.), Tomoze Claudia, Irimia Oana, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chitimus, **Bârsan Narcis**, Nedeff Florin, Proceduri de lucru pentru analiza calității aerului și a altor compuși gazoși, Alma Mater, 2018, ISBN 978-606-527-593-5, 142 pag.
4. Bibire Luminița (coord.), **Bârsan Narcis**, Aparate pentru industrii de proces: suport teoretic pentru orele de curs și aplicații pentru uzul studenților, Alma Mater, 2018, ISBN 978-606-527-608-6, 410 pag.
5. Nedeff Valentin, Chițimuş Alexandra-Dana, Moșneguțu Emilian, Panainte Lehaduș Mirela, Tomozei Claudia, Irimia Oana, **Bârsan Narcis**, Nedeff Florin Marian Proceduri de lucru pentru analiza solului și a altor materiale, Volumul 2, Editura Alma Mater Bacău 2018, ISBN 978-606-527-581-2, 978-606-527-583-6, 131 pag.
6. Nedeff Valentin (coord.), Chițimuş Dana, Mirela Panainte-Lehadus, Emilian Mosnegutu, **Bârsan Narcis**, Irimia Oana, Tomoze Claudia, Nedeff Florin, Proceduri de lucru pentru analiza solului și a altor materiale, Volumul 1, Alma Mater, 2017, ISBN 978-606-527-582-9, 125 pag
7. **Bârsan Narcis**, Nedeff Valentin (coord.), Moșneguțu Emilian, Lazăr Gabriel, Epurarea apelor uzate menajere în stații de epurare de capacitate mică, Editura Alma Mater Bacău, 2012, ISBN 978-606-527-213-2, 222 pag.

II. PROCEEDINGS Indexate WOS/SCOPUS

1. Mosnegutu, E., Chitimus, A.-D., **Barsan, N.**, Rusu, D., Vulpe, M., Nedeff, V., Jasinski, M., Studies and researches regarding the influence of the size of solid particles forming a heterogenous mix on the aerodynamic separation process, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 – Proceedings, 12 November 2020, Article number 9279030, 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020; Ruse; Bulgaria; 12 November 2020 through 14

November 2020; Category number CFP20V95-ART; Code 165935, DOI: 10.1109/EEAE49144.2020.9279030. (SCOPUS). WOS:000659299700071.

2. Chitimus, A.-D., **Barsan, N.**, Mosnegutu, E., Corobana, A., Nedeff, V., Muscalu, O.-M., Partal, E., Influence of Soil Fertilization Systems and Crop Rotation on Physical and Chemical Properties of the Soil, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 – Proceedings, 12 November 2020, Article number 9278974, 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020; Ruse; Bulgaria; 12 November 2020 through 14 November 2020; Category number CFP20V95-ART; Code 165935, DOI: 10.1109/EEAE49144.2020.9278974. (SCOPUS). WOS:000659299700016

3. **Barsan, N.**, Zaharia, A., Chitimus, D., Mosnegutu, E., Florin, N., Rusu, D., Untila, C., Capsa, D., Filtration theory and techniques. A short review on the filtration process, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 – Proceedings 12 November 2020, Article number 9278975, 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020; Ruse; Bulgaria; 12 November 2020 through 14 November 2020; Category number CFP20V95-ART; Code 165935. DOI: 10.1109/EEAE49144.2020.9278975. (SCOPUS). WOS:000659299700017.

4. Dermouchi, A., Bencheikh-Lehocine, M, Arris, S., Meniai, A.H., **Barsan, N.**, Valentin, N., Cutting oil emulsion treatment by electrocoagulation using aluminum and iron electrodes, 9th International Renewable Energy Congress (IREC), Proceedings Paper, IEEE, 2018, pp. 1-6. WOS:000434869100121.

5. Tataru L., Nedeff V., **Barsan N.**, Panainte-Lehadus M., Mosnegutu E. F., Efficiency studies of hollow fiber organic membranes in restraining yeast from wastewater subjected to ultrafiltration, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 3.1, 2018, Pages 235-242, 18th International Multidisciplinary Scientific Geoconference, SGEM 2018; Albena; Bulgaria; 2 July 2018 through 8 July 2018; Code 142873, DOI: 10.5593/sgem2018/3.1/S12.031 (SCOPUS).

6. Chitimus A. D., Cochiorca A., Nedeff V., **Barsan N.**, Muscalu-Plescan O., Studies and research on phragmites australis' (common reed) absorption capacity of heavy metals from the soil in Roman City, Romania, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 3.1, 2018, Pages 671-678, 18th International Multidisciplinary Scientific Geoconference, SGEM 2018; Albena; Bulgaria; 2 July 2018 through 8 July 2018; Code 142873 4. DOI: 10.5593/sgem2018/3.1/S12.087 (SCOPUS).

7. Cochiorca A., Nedeff V., **Barsan N.**, Panainte-Lehadus M., Mosnegutu E. F., Aspects related to water quality assessment in a mining activity area. Case study, mining area Tg. Ogna, Romania, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 3.1, 2018, Pages 87-94, 18th International Multidisciplinary Scientific Geoconference, SGEM 2018; Albena; Bulgaria; 2 July 2018 through 8 July 2018; Code 142873. DOI: 10.5593/sgem2018/3.1/S12.012 (SCOPUS).

8. **Barsan Narcis**, Nedeff Valentin, Chitimus Dana, Mosnegutu Emilian, Fabian Florina, Increasing the wastewater treatment capacity of small Sequencing Batch Reactor treatment plants using sequential operation, International Multidisciplinary Scientific GeoConference Surveying

Geology and Mining Ecology Management, SGEM, Volume 17, Issue 52, 2017, Pages 523-530, 17th International Multidisciplinary Scientific Geoconference, SGEM 2017; Albena; Bulgaria; 29 June 2017 through 5 July 2017; Code 130787. DOI: 10.5593/sgem2017/52/S20.067 (SCOPUS).

9. Chitimus Alexandra Dana, **Barsan Narcis**, Nedeff Valentin, Mosnegutu Emilian, Muscalu Plescan Oana, Studies and research concerning the influence of liquid pollutants' leaching speed in the soil on the process of cleaning and self-cleaning, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 17, Issue 52, 2017, Pages 859-866, 17th International Multidisciplinary Scientific Geoconference, SGEM 2017; Albena; Bulgaria; 29 June 2017 through 5 July 2017; Code 130787. DOI: 10.5593/sgem2017/52/S20.110 (SCOPUS).

10. Mosnegutu Emilian, Nedeff Valentin, Bontas Ovidiu, **Barsan Narcis**, Chitimus Dana, Rusu Dragoș, Determination of kinematic indices corresponding to a solid particle on a flat oscillating surface, IOP Conference Series: Materials Science and Engineering, 2016, 147, WOS:000390720200151.

11. Panainte-Lehăduș, M., Nedeff, V., Moșneguțu, E., Caraman, I., **Bârsan N.**, Production and distribution of green products in Romania, vol. 2, no. 5 pp. 397-404, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, ISSN 1314-2704, 2015, vol. 2, nr. 5, p. 397-404, WOS:000370814500052.

12. Panainte-Lehadus Mirela, Nedeff Valentin, Mosnegutu Emilian, Lazar Gabriel, Caraman Iuliana, Tomozei Claudia, Chitimus Dana, **Barsan Narcis**, Study regarding public perception on environmental issues relating to Romania, International Conference on Production, Research - Regional Conference Africa, Europe And The Middle East And 3 Rd International Conference on Quality and Innovation in Engineering and Management, 2014, p. 393-396. WOS:000346410700072.

13. Moșnegutu Emilian, Nedeff Valentin, Panainte- Lehăduș Mirela, Bontaș Ovidiu, **Barsan Narcis**, Tomozei Claudia, Chițimus Dana, Studies and research concerning the displacement of solid particle on an oscillatory flat surface, Applied Mechanics and Materials, vol. 2014, 659, p. 521-526, 6th International Conference on Advanced Concepts in Mechanical Engineering, ACME 2014, Code 108589. DOI: 10.4028/www.scientific.net/AMM.659.521 (SCOPUS).

14. Panainte, M.; Caraman, I., Nedeff, V. Inglezakis, V., Lazar, G., **Barsan, N.**, Impact of green products on Roman consumers, Annals of DAAAM for 2012 & Proceedings of the 23rd International Daaam Symposium - Intelligent Manufacturing And Automation - Focus On Sustainability, 2012, Volume: 23 p. 997-1000, WOS:000392423800230.

15. Bogdan, P. L., Nedeff, V., **Barsan, N.**, Panainte-Lehadus, M., Chitimus, D., Nedeff, F., Tomozei, C., Applications of the GIS and Remote Sensing methods in the Land use and cover maps. Case study: Roman city and the surroundings of the Northern side area, 2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2022, pp. 1-5, doi: 10.1109/EEAE53789.2022.9831397 (SCOPUS).

16. Ioja, I., Tomozei, C., Nedeff, V., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., **Barsan, N.**, Chitimus, D., Studies and research on the possibilities of implementing ergonomic principles in increasing labor productivity, 2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2022, pp. 1-5, doi: 10.1109/EEAE53789.2022.9831319 (SCOPUS).

17. Zaharia, A., Nedeff, V., Culea, M., **Barsan, N.**, Tomozei, C., Applications of the

Ultrafiltration Membranes in the Industrial Effluents Treatment Processes. A Short Review. 2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2022, pp. 1-7, doi: 10.1109/EEAE53789.2022.9831263. (SCOPUS).

III. Article BDI

1. Kamilou Ouro-Sama, Gnon Tanouayi, Hodabalo Dheoulaba Solitoke, **Narcis Barsan**, Emilian Mosnegutu, Tcha Eso-Essinam Badassan, Sadikou Agbere, Koudjo Adje, Valentin Nedeff, Kissao Gnandi Polycyclic Aromatic Hydrocarbons (PAHs) Contamination in *Chrysichthys nigrodigitatus* Lacépède, 1803 from Lake Togo-Lagoon of Aného, Togo: Possible Human Health Risk Suitable to Their Consumption, International Journal of Environmental Research and Public Health, 2023, vol. 20, no. 3, 1666
2. Emilian-Florin Mosnegutu, Valentin Nedeff, Alexandra-Dana Chitimus, Marcin Jasiński, **Narcis Barsan**, Solid particle characterization. some aspect related to the shape evaluation by using software correlations, Journal of Engineering Studies and Research, 2021, Vol. 27, nr. 1, p. 64-74, ISSN 2068-7559.
3. Emilian Mosnegutu, **Narcis Barsan**, Mirela Panainte-Lehadus, Dana Chitimus, Claudia Tomozei, Influence Of The Crank Mechanism Position In The Motion Of An Oscillating Sieve, Journal of Engineering Studies and Research, 2021, vol. 27 nr. 4, p. 36-43, ISSN 2068-7559
4. Raluca Galița, Petronela Savin, Valentin Nedeff, Ioana Boghian, Mihaela Culea, Elena Nechita, **Narcis Bârsan**, Florin Marian Nedeff, Skills And Challenges On The Labour Market. A Study Regarding The Romanian Graduates' perception On Employability International Journal of Development in Social Sciences and Humanities, 2021, 71, No. 5, no. 2 p. 20-53, ISSN:2455-5142/P-ISSN:2455-7730.
5. Mosnegutu Emilian-Florin, **Barsan Narcis**, Chitimus Alexandra-Dana, Tomozei Claudia, Ristea Mihail, Experimental evaluation of the solid particles behavior in a vertical air flow by using imaging analysis, Journal of Engineering Studies and Research, 2020, vol. 26 nr. 4, p. 61-68, ISSN 2068-7559.
6. Platon, N., Arus, V.-A., Georgescu, A., Nistor, I., **Barsan, N.**, White Bread Fortified with Calcium from Eggshell Powder, Rev. Chim., 71 (7), 2020, 299- 306, ISSN: 00347752, DOI: 10.37358/RC.20.7.8248.
7. Panainte-Lehadus Mirela, Mosnegutu Emilian-Florin, Nedeff Valentin, **Barsan Narcis**, Chitimus Dana, Rusu Dragos-Ioan, Nicolescu Mihai C., Topan Gheorghe, Experimental Application of the Process Industry Solid Particle's Displacement in a Vertical air Flow, Rev. Chim. vol. 71, no. 6, 2020, p. 9-21, DOI: 10.37358/RC.20.6.8165.
8. Mosnegutu Emilian-Florin, Nedeff Valentin, **Barsan Narcis**, Sandu Ion, Panainte-Lehadus Mirela, Chitimus Dana, Sandu Ioan Gabriel, Bontas Ovidiu, Rusu Dragos-Ioan, Topan Gheorghe, Application in Process Industry of the Solid Particles Displacement on a Flat Oscillating Surface, Rev. Chim. vol. 71, no. 6, 2020, p. 42-50, DOI: 10.37358/RC.20.6.8168.
9. Cochiorca Alina, Nedeff Valentin, **Barsan Narcis**, Sandu Ion, Mosnegutu Emilian, Dana Chitimus Alexandra, Sandu Andrei Victor, Irimia Oana, Surface Water and Groundwater Quality Evaluation in a Mining Area, Rev. Chim. vol. 71, no. 6, 2020, p. 124-131, DOI: 10.37358/RC.20.6.8177.

10. **Barsan Narcis**, Chitimus Alexandra Dana, Muscalu (Plescan) Oana-Maria, Nedeff Florin Marian, Sandu Ion, Partal Elena, Sandu Andrei Victor, Panainte Lehadus Mirela, Influence of Fertilizers on Soils Used for Oleaginous Crop, REV.CHIM.(Bucharest), 2020, 71, No. 1, p. 223-238. DOI: 10.37358/RC.20.1.7838.
11. **Barsan Narcis**, Capsa Doina, Moşnegutu Emilian, Nedeff Valentin, Sandu Ion, Chitimus Alexandra Dana, Tomozei Claudia, Sandu Andrei Victor, Correlations on the Air Nitrogen Oxides Pollutant Concentration and Climatic Factors Variations in Bacau City, Rev. Chim. vol. 71, no. 2, 2020, p. 358-364 DOI: 10.37358/RC.20.2.7937.
12. Turcu Mariana, **Barsan Narcis**, Ianculescu Dan, Nedeff Valentin, Chitimus Dana, Panainte-Lehadus Mirela, Mosnegutu Emilian, Organic flocculants applications in the treatment of municipal sludge, ROMAQUA, vol. 146, no. 8, 2020, p. 29-35, ISSN 1453-6986.
13. Chitimus, A.-D., Nedeff, F.M., 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, Revista de Chimie, Volume 70, Issue 12, 2019, p. 4566-4573, DOI: 10.37358/RC.19.12.7794.
14. **Barsan Narcis**, Chitimus Dana, Nedeff Florin Marian, Sandu Ion, Mosnegutu Emilian, Sandu Andrei Victor, Tomozei Claudia, Mathematical Correlations of the Variable Parameters Specific for an SBR Experimental Laboratory Plant, REV.CHIM.(Bucharest), 2019, 70, No. 12, p. 4574 – 4578, DOI: 10.37358/RC.19.12.7795.
15. Tataru Laurentiu, Nedeff Valentin, **Barsan Narcis**, Panainte-Lehadus Mirela, Mosnegutu Emilian, Chitimus Dana Fabian Florina, A comparative study between water-gap and air-gap distillation membranes for removal of salts from saline water by desalination method, Journal of Engineering Studies and Research, vol. 24 No. 2, 2018, pp. 46-57.
16. Bibire Luminita, Barsan Narcis, Evaluation of the heating system from an injection molding machine, Journal of Engineering Studies and Research, vol. 24 No. 2, 2018, pp. 15-24.
17. Capsa Doina, Nedeff Valentin, **Barsan Narcis**, Mosnegutu Emilian, Chitimus Dana, Evaluation of meteorological factors influence on benzene accidental pollution. Case study: bacau city 2008, Journal of Engineering Studies and Research, vol. 23 nr. 1, 2017, pp. 12-19.
18. Panainte-Lehadus Mirela, **Barsan Narcis**, Irimia Oana, Tomozei Claudia, Mosnegutu Emilian, Nedeff Florin, Application on the workplaces hazards measurement in a bakery unit, Journal of Engineering Studies and Research, 2017, vol. 23 nr. 4, pp. 14-18.
19. **Barsan Narcis**, Turcu Mariana, Nedeff Valentin, Mosnegutu Emilian, Chitimus Dana, Laboratory applications in wastewater treatment by using flocculation process, Journal of Engineering Studies and Research, 2017, vol. 23 nr. 3, pp. 1-11.
20. Cochiorca Alina, Nedeff Valentin, Fiorucci Adriano, Panainte-Lehăduş Mirela, **Bârsan Narcis**, Irimia Oana, Heavy metals and physico-chemical parameters analysis from the wells in the Buhoci area, Bacau, The Annals of “Dunarea De Jos” University of Galati, Fascicle ix. Metallurgy and Materials Science, 2017, no. 4., p. 17-23.
21. Tătaru Laurențiu, Nedeff Valentin, **Bârsan Narcis**, Panainte Lehăduş Mirela, Chițimuş Dana-Alexandra, The importance of using membranes in seawater, desalination as a result of excessive exploitation of, water sources, The Annals of “Dunarea De Jos” University of Galati, Fascicle ix. Metallurgy and Materials Science, 2017, no. 3., p. 39-46, ISSN 1453-083X.
22. Temea Antonina, Panaite-Lehăduş Mirela, **Bârsan Narcis**, Tomozei Claudia, Nedeff Valentin, Study about the Perception of Producers from Romania Regarding the Ecolabel, The

Annals of “Dunarea De Jos” University of Galati, Fascicle ix. Metallurgy and Materials Science, 2017, no. 3., p. 33-38, ISSN 1453-083X.

23. Fabian Florina, Nedeff Valentin, Bârsan Narcis, Moşneguţu Emilian, Energy Consumption Assessment in the Water Treatment Process, Bacau City Case Study, The Annals of “Dunarea De Jos” University of Galati, Fascicle ix. Metallurgy and Materials Science, 2017, no. 3, p. 5-10, ISSN 1453-083X.

24. Issaka Senou, **Bârsan Narcis**, Nedeff Valentin, Some N Antoine, Nacro H Bismarck, Evaluation of the groundwater quality in a closed industrial landfill, Jurnal Journal of Engineering Studies and Research, 2016, vol. 22 nr. 1, pp. 72-80.

25. Mosnegutu Emilian, Nedeff Valentin, Panainte-Lehadus Mirela, **Bârsan Narcis**, Chitimus Dana, Rusu Dragos, Determination of the real values of kinematic index corresponding to the mechanical separation process, Journal of Engineering Studies and Research, vol. 22 nr. 2, 2016, pp. 39-48.

26. Bibire Luminita, Barbieru Mihaela-Beatrice, **Barsan Narcis**, Ghenadi Adrian Stelian, Teoretical evaluation of anthropogenic risks in Tazlau river basin, Jurnal Journal of Engineering Studies and Research, 2016, vol. 22 nr. 2, pp. 15-25.

27. Belciu Mihai-Cosmin, Chitimus Alexandra-Dana, Nedeff Valentin, **Bârsan Narcis**, Rusu Dragos, The production capacity of leachate collected from Piatra Neamt landfill, Journal of Engineering Studies and Research, 2016, vol. 22 nr. 1, pp. 15-23.

28. Sifolo S. Coulibaly, Jérôme E. Tondoh, Kouadio I. Kouassi, **Barsan N.**, Nedeff V., Bi I.A. Zoro, Vermicomposts improve yields and seeds quality of Lagenaria siceraria in Côte d’Ivoire, International Journal of Agronomy and Agricultural Research, 2016, vol. 8, nr. 3, pp. 26-37.

29. Capşa Doina, **Bârsan Narcis**, Nedeff Valentin, Moşneguţu Emilian, Chiţimuş Dana, Evaluation of the ammonia air pollution and climatic factors interactions, case study 2008 Bacau City Romania, Journal of Engineering Studies and Research, 2016, vol. 22 nr. 1, pp. 15-23.

30. Tataru Laurenţiu, Nedeff Valentin, **Barsan Narcis**, Panainte-Lehadus Mirela, Mosnegutu Emilian, Chitimus Dana-Alexandra, Studies on the application of hollow fiber membranes in the field of ultrafiltration, Journal of Engineering Studies and Research, 2016, vol. 22 nr. 4, pp. 42-53.

31. Nedeff Florin Marian, Agop Marcel, Mosnegutu Emilian Florin, **Barsan Narcis**, Evaluation of the reverberation time improvement in a speaking hall, Jurnal Journal of Engineering Studies and Research, 2016, vol. 22 nr. 2, pp. 49-54.

32. Fabian Florina, Nedeff Valentin, Panainte-Lehadus Mirela, **Bârsan Narcis**, Irimia Oana, Racovita Silvia, Environmental impact of water treatment process. A systematic review of evaluation method, Jurnal Journal of Engineering Studies and Research, 2016, vol. 22 nr. 2, pp. 34-39.

33. Holy Holenu Mangenda, Nedeff Valentin, **Barsan Narcis**, Moşneguţu Emilian Florin, Chitimus Dana, Rusu Dragos, Aspects regarding the Kinshasa urban landfills assessment and proposals for sustainable development, Journal of Engineering Studies and Research, 2015, vol. 2, nr. 1, pp. 46-54.

34. Rotaru Mădălin-Ionuţ, Nedeff Valentin, Chiţimuş Alexandra-Dana, Moşneguţu Emilian Florin, **Bârsan Narcis**, Study regarding the identification of the water pollution sources and factors on the Siret river in the Bacau-Marasesti span, Journal of Engineering Studies and

Research, 2015, vol. 2, nr. 1, pp. 46-54.

35. Dascalu Mihaela-Elena, Mosnegutu Emilian, Nedeff Valentin, Chitimus Alexandra-Dana, **Bârsan Narcis**, Studies concerning the behavior of the suspended solids in the mixing process, Journal of Engineering Studies and Research, 2015, vol. 21 nr. 4, pp. 21-27.

36. Mosnegutu Emilian, Nedeff Valentin, **Bârsan Narcis**, Chitimus Alexandra-Dana, Rusu Dragos, Influence of screening block supporting way on the behaviour of a solid particle on an oscillating surface, Journal of Engineering Studies and Research, 2015, vol. 21 nr. 3, pp. 51-58.

37. Dermouchi Aida, Mossaab Bencheikh-Lehocine, Sihem Arris, Nedeff Valentin, **Bârsan Narcis**, Aspects regarding the electrocoagulation applications in the water and wastewater treatment, Journal of Engineering Studies and Research, 2015, vol. 21 nr. 2, pp. 26-33

38. Alcaraz Jessica, Ridoire Marine, Panainte-Lehăduş Mirela, Turcu Mariana, **Bârsan Narcis**, Chiţimuş Dana, Irimia Oana, Application of the flocculation process for the municipal sewage sludge treatment, Journal of Engineering Studies and Research, vol. 20, no. 2, 2014, pp. 7-13.

39. Nadabaica Dumitru-Cristinel, Nedeff Valentin, Bibire Luminita, **Bârsan Narcis**, Experimental applications on the influence of internal operation clearance of the faulty rolling bearings upon their remaining lifetime, 2014, Journal of Engineering Studies and Research, vol. 20, no. 1, p. 60-70.

40. Mangenda Holy Holenu, Nedeff Valentin, Kunyima Kakese, **Bârsan Narcis**, Mosnegutu Emilian, Tomozei Claudia, Municipal waste management in Limete, Mont Amba District of Kinshasa, Democratic Republic of the Congo, Journal of Engineering Studies and Research, vol. 20, no. 2, 2014, p. 39-45.

41. Capşa Doina, Nedeff Valentin, Faciu Ema, Lazăr Gabriel, Lazăr Iulia, **Bârsan Narcis**, Aspects of the fog phenomenon in Bacau City, Journal Present Environment and Sustainable Development, vol. 6, no.1, 2012.

42. Capşa Doina, Nedeff Valentin, Vasilică Maria, Lazăr Gabriel, Panainte Mirela, **Bârsan Narcis**, Extreme temperatures and their effects on the human body, Present Environment and Sustainable Development, vol. 6, no. 2, 2012, pp. 387-403.

43. **Bârsan Narcis**, Nedeff Valentin, Lazăr Gabriel, 2011, Current stage of domestic wastewater treatment in small plants, Journal of Engineering Studies and Research, vol. 17, no. 4, 2011, pp. 13-23.

IV. Lucrări în volumele unor conferinţe internaţionale

1. Moşneguţu Emilian Florin, Belciu Mihai-Cosmin, Nedeff Valentin, Chiţimuş Alexandra-Dana, **Bârsan Narcis**, Analyse of waste management aspects from Romanian landfills, Sixth International Conference on Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 693-700.

2. Rotaru Mădălin, Chiţimuş Alexandra-Dana, Nedeff Valentin, Moşneguţu Emilian, **Bârsan Narcis**, Mathematical modelling of the leaching speed of pollutants in the soil, Sixth International Conference on Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 669-678.

3. Nedeff Valentin, Radu Cristian, Moşneguţu Emilia, Chiţimuş Alexandra-Dana, **Bârsan**

Narcis, Studies and research on phragmites australis' (common reed) absorption capacity of heavy metals, Sixth International Conference On Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 18-28.

4. Mosnegutu Emilian, Nedeff Valentin, Panainte Mirela, **Barsan Narcis**, Chitimus Dana, Rusu Dragos, Bontas Ovidiu, The influence of the inclination angle of working surface over behavior of a solid particles on a flat surface oscillating, Sixth International Conference On Energy Efficiency and Agricultural Engineering November 11-12, 2015 Ruse, Bulgaria ISSN 1311-9974, 2015, vol. 6, pp. 609-619.

5. Capsa Doina, Nedeff Valentin, **Barsan Narcis**, Mosnegutu Emilian, Chitimus Dana, Vulpe Mihai, 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. **Barsan Narcis**, Nedeff Valentin, Moşneguţu Emilian, Chitimus Dana, Turcu Mariana, 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.

7. **Bârsan, N.**, Nedeff, V. and Lazăr, G., Studies and research on the domestic wastewater treatment in small plants with sequential operation, Proceedings of the Scientific Student Session – SSS'11, 2011, pag. 20 - 29, ISSN 1311-3321, University Angel Kanchev", Ruse, Bulgaria;

8. **Bârsan, N.**, Nedeff, V. and Lazăr, G., Possibilities of mathematical modeling of heat balance in a Sequencing Batch Reactors basin used for domestic wastewater treatment with low flow, Proceedings of the International Conference „Mechanical Engineering in XXI Century”, 2010, pag. 43 - 46, ISBN 978-86-6055-008-0, Nis, Serbia.

V. Susţineri/participări la conferinţe internaţionale

1. Mosnegutu Emilian, Chitimus Dana, **Barsan Narcis**, Nedeff Valentin, Rusu Dragos, Vulpe Mihai, Marcin Jasiński', Studies and Researches Regarding the Influence of the Size of Solid Particles Forming a Heterogeneous Mix on the Aerodynamic Separation Process, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE) (<http://eeae-conf.uni-ruse.bg/>).

2. **Bârsan Narcis**, Moşneguţu Emilian Florin, Chitimus Dana, Nedeff Forin, Rusu Dragos, Unitila Carolina, Capsa Doina, Panainte Lehaduş Mirela, Țîrtoacă (Irimia) Oana, Filtration Theory and Techniques. A Short Review on the Filtration Process, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE) (<http://eeae-conf.uni-ruse.bg/>)

3. Chitimus Alexandra-Dana, **Bârsan Narcis**, Moşneguţu Emilian Florin, Corobana Alina, Nedeff Valentin, Muscalu Oana-Maria, Partal Elena, Influence of Soil Fertilization Systems and Crop Rotation on Physical and Chemical Properties of the Soil, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE) (<http://eeae-conf.uni-ruse.bg/>).

4. Turcu Mariana, **Barsan Narcis**, Ianculescu Dan, Nedeff Valentin, Chitimus Dana, Panainte-Lehadus Mirela, Mosnegutu Emilian, Aplicaţii ale floclanţilor organici în tratarea

nămolurilor municipale, Conferința Internațională: Managementul stațiilor de epurare în comunitățile mici și mijlocii, 4 noiembrie 2020, Asociația Română a Apei în cadrul Forumului Regional al Apei Dunăre - Europa de Est <http://conference2020.araexpoapa.ro/index.php/ro/down>.

5. **Barsan Narcis**, Nedeff Valentin, Chitimus Dana, Mosnegutu Emilian, Laboratory application of chemicals products for municipal sludge dewatering, OPROTEH 2019.

6. Panainte-Lehăduș Mirela, **Barsan Narcis**, Irimia Oana, Nedeff Florin Marian, Tomozei Claudia, Chițimuș Dana, Moșneguțu Emilian, Monitoring and evaluation of the road traffic load in Bacau urban area, Romania, 10th International Conference on Environmental Engineering and Management, September 18 – 21, 2019 Iasi, Romania (http://iceem.ro/wp/wp-content/uploads/2019/09/ICEEM10_extended_program.pdf).

7. Sampah Georges Eblin, Kouakou Seraphin Konan1, Oi Mangoua Jules Mangoua, Nedeff Valentin, **Barsan Narcis**, Pollution nitrique des eaux souterraines dans la ville de daloo, Centre-Ouest de Côte D’ivoire, OPROTEH 2019.

8. Cochiorca Alina, Fiorucci Adriano, Nedeff Valentin, **Bârsan Narcis**, Moșneguțu Emilian Florin, Dana Chițimuș, Water quality analysis from an mining area. Case study, Targu Ocna salt mine, Romania, 10th International Conference on Environmental Engineering and Management, September 18 – 21, 2019 Iasi, Romania (http://iceem.ro/wp/wp-content/uploads/2019/09/ICEEM10_extended_program.pdf).

9. Tataru Laurentiu, Nedeff Valentin, **Barsan Narcis**, Panainte-Lehadus Mirela, Mosnegutu Emilian, Fabian Florina, Chitimus Dana, A comparative study between water-gap and air-gap distillation membranes for removal of salts from saline water by desalination method, OPROTEH 2018.

10. **Barsan Narcis**, Nedeff Valentin, Chitimus Dana, Mosnegutu Emilian, Mathematical interpretation of the sludge volume index variation in a small SBR plant, OPROTEH 2018.

11. **Barsan Narcis**, Nedeff Valentin, Turcu Mariana, Mosnegutu Emilian, Chitimus Dana, Application on the operating cycles for a small SBR plant used for domestic wastewater treatment, OPROTEH 2016.

12. Capsa Doina, **Barsan Narcis**, Nedeff Valentin, Chitimus Dana, Mosnegutu Emilian, Mathematical evaluation of the air benzene pollutant concentration variation and climatic factors, OPROTEH 2018.

13. **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, The 6th International Conference ECOLOGICAL & ENVIRONMENTAL, 2017 (<http://eec-2017.mrda.md/>).

14. **Bârsan Narcis**, Nedeff Valentin and Moșneguțu Emilian Florin, Research on the heat balance components of a small sbr basin used for domestic wastewater treatment, First International Conference on Moldavian risks from global to local scale, 16-19 May, 2012 Bacău, România, Prezentare poster.

15. Vasilica Maria, Capsa Doina, Covaci Irina, Nedeff Valentin, **Bârsan Narcis**, Research on the causes of torrential rains in the central southern of Moldavian region on 05 september 2007, First International Conference on Moldavian risks from global to local scale, 16-19 May, 2012 Bacău, România, Prezentare poster.

16. Turcu Mariana, Nedeff Valentin, **Bârsan Narcis**, Research on the use of organic

flocculants in treating the sludge from the municipal wastewater treatment plants, First International Conference on Moldavian risks from global to local scale, 16-19 May, 2012 Bacău, România, Prezentare poster.

17. Capșa Doina, Nedeff Valentin, Lazăr Gabriel, Panainte Mirela, **Bârsan Narcis**, Studies and research on the influence of the climatic factors on ammonia pollution in Bacau, First International Conference on Moldavian risks from global to local scale, 16-19 May, 2012 Bacău, România, Prezentare poster.

18. Radu Cristian, Nedeff Valentin, **Bârsan Narcis**, Dumitrescu Anca Mihaela, Studies and research on the determination of heavy metals from the banks of the Siret river basin, First International Conference on Moldavian risks from global to local scale, 16-19 May, 2012 Bacău, România, Prezentare poster.

19. **Bârsan, N.**, Nedeff, V., Lazăr, G. (2011), Studies and research on the domestic wastewater treatment in small plants with sequential operation, Proceedings of the Scientific Student Session – SSS’11, University Angel Kanchev”, Ruse, Bulgaria.

20. **Bârsan Narcis**, Nedeff Valentin, Lazăr Gabriel (2011), Current stage of domestic wastewater treatment in small plants, Conferința Internațională OPROTEH, modul E20, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie.

21. **Bârsan Narcis**, Studii și cercetări cu privire la epurarea apelor uzate menajere cu debit mic, Salonul regional al cercetării “EXPOTEHNICA”, Autoritatea Națională Pentru Cercetare Științifică Și Enterprise Europe Network-Ro Bacău, Central Plaza Bacău, 07 - 09 iulie 2011.

22. **Bârsan Narcis**, Nedeff Valentin, Lazăr Gabriel, Studies and research for increase treatment capacity of domestic wastewater in small plants, Internațional Conference on environmental Science & Technology CEST (ISI), 8 - 10 september 2011, Session 20, Rhodes Island, Dodecanese, Greece.

23. **Bârsan, N.**, Nedeff, V., Lazăr, G. (2010), Possibilities of mathematical modeling of heat balance in a Sequencing Batch Reactors basin used for domestic wastewater treatment with low flow, International Conference „Mechanical Engineering in XXI Century”, 25 – 26 November, Nis, Serbia.

VI. Alte activități

1. Contracte de cercetare cu agenți economici

Membru/director în echipa a peste 15 de contracte de cercetare cu agenți economici.

2. Proiecte

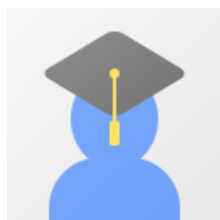
Membru în echipa a peste 15 proiecte de tip: FDI, POCU, ROSE etc.

3. Membru în colectivul editorial al jurnalelor:

- Managing Editor for Journal of Engineering Studies and Research (ISSN 2068-7559).
- Editorial Board member for International Journal of Conservation Science (ISSN: 2067-533X; eISSN: 2067-8223).
- Scientific Council member for Journal of Engineering Energy and Informatics (ISSN 2720-4162).
- Editorial Advisory Board for Revista de Chimie (ISSN Online 2668-8212, ISSN Print: 1582-9049).

4. **Peste 220 de recenzii la articole științifice, cuantificate în platforma Web of Science Researcher (N-7433-2014) (Anexa 1).**
5. **Recenzor pentru peste 50 de jurnale internaționale, conform Web of Science Researcher (N-7433-2014) (Anexa 1).**
6. **Peste 10 mobilități de tip Erasmus + și Erasmus K.**

Data: 01.09.2023



Narcis BARSAN

Assistant Professor Ph.D. Eng.
"Vasile Alecsandri" University of Bacau
Romania

Wastewater
Wastewater Sludge
Sewage Systems

	Toate	Din 2018
Referințe bibliografice	525	386
h-index	12	11
i10-index	18	14

0 articole **3 articole**

indisponibile **disponibile**

Pe baza cerințelor privind
finanțarea

TITLU	CITAT DE	ANUL
Scientific Study & Research Chemistry & Chemical Engineering AD CHITIMUS, C Radu, V Nedeff, E MOSNEGUTU, N Bârsan Biotechnology, Food Industry 17, 381	38	2016
INFLUENCE OF CLIMATIC FACTORS ON THE POLLUTION WITH NITROGEN OXIDES (NOX) IN BACAU CITY, ROMANIA. D Capșa, N Barsan, D Felegeanu, M Stanila, I Joita, M Rotaru, C Ureche Environmental Engineering & Management Journal (EEMJ) 15 (3)	23	2016
Vermicompost utilization: A way to food security in rural area SS Coulibaly, FE Edoukou, KI Kouassi, N Barsan, V Nedeff, IAB Zoro Heliyon 4 (12)	22	2018
MODELLING WASTEWATER TREATMENT PROCESS IN A SMALL PLANT USING A SEQUENCING BATCH REACTOR (SBR) N Barsan, I Joita, M Stanila, C Radu, M Dascalu Environmental Engineering and Management Journal 13 (7), 1561-1566	20	2014
Nitrate pollution of groundwater based on GIS in the City of Daloa, West-central Cote d'Ivoire SG Eblin, KS Konan, OMJ Mangoua, V Nedeff, AV Sandu, N Barsan, ... Revista de Chimie 70 (7), 2579-2583	19	2019
Greywater as an alternative solution for a sustainable management of water resources—A review H Filali, N Barsan, D Souguir, V Nedeff, C Tomozei, M Hachicha Sustainability 14 (2), 665	17	2022
STUDIES AND RESEARCH CONCERNING THE INFLUENCE OF LIQUID POLLUTANTS' LEACHING SPEED IN THE SOIL ON THE PROCESS OF CLEANING AND SELF-CLEANING D Chitimus, N Barsan, V Nedeff, E Mosnegutu, PO Muscalu 17TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2017, 859-866	17 *	2017
A PERSPECTIVE FOR POOR WASTEWATER INFRASTRUCTURE REGIONS: A SMALL-SCALE SEQUENCING BATCH REACTOR TREATMENT SYSTEM B Narcis, N Valentin, T Antonina, M Emilian, C Alexandra Dana, T Claudia Chemistry Journal of Moldova 12 (1), 61-66	17	2017
HEAT BALANCE COMPONENTS OF A SMALL SEQUENCING BATCH REACTOR APPLIED FOR MUNICIPAL WASTEWATER TREATMENT.	17	2012

TITLU	CITAT DE	ANUL
N Bârsan, V Nedeff, EF Mosnegutu, M Panainte Environmental Engineering & Management Journal (EEMJ) 11 (12)		
Current stage of domestic wastewater treatment in small plants B Narcis, N Valentin, L Gabriel Journal of engineering studies and research 17 (4), 13	46	2011
CURRENT STAGE OF DOMESTIC WASTEWATER TREATMENT IN SMALL PLANTS N BÂRSAN, V NEDEFF, G LAZĂR Journal of Engineering Studies and Research 17 (4), 13-23	16	2011
Studies and Research on Phragmites Australis'(Common Reed) Absorption Capacity of Heavy Metals From the Soil in Roman City, Romania AD Chitimus, A Cochiorca, V Nedeff, N Barsan, O Muscalu International Multidisciplinary Scientific GeoConference: SGEM 18 (3.1), 671-678	14	2018
Vermicomposts improve yields and seeds quality of Lagenaria siceraria in Côte d'Ivoire SS Coulibaly, JE Tondoh, KI Kouassi, N Barsan, V Nedeff, BIA Zoro International Journal of Agronomy and Agricultural Research (IJAAR) 8 (3), 26-37	13	2016
Evaluation of the use of sewage sludge biochar as a soil amendment—A review E Goldan, V Nedeff, N Barsan, M Culea, C Tomozei, M Panainte-Lehadus, ... Sustainability 14 (9), 5309	12	2022
Aspects regarding the electrocoagulation applications in the water and wastewater treatment A Dermouchi, M Bencheikh-Lehocine, S Arris, V Nedeff, N Barsan Journal of Engineering Studies and Research 21 (2), 26	11	2015
Efficiency of filters with different filtering materials: comparative study in water treatment. OT Irimia, C Tomozei, M Panainte, EF Mosnegutu, N Barsan Environmental Engineering & Management Journal (EEMJ) 12 (1)	11	2013
A CASE STUDY ON HEAVY RAINFALL IN THE CENTRAL-SOUTHERN MOLDAVIA REGION, ROMANIA. M Vasilica, D Capsa, I Covaci, V Nedeff, N Bârsan, M Panainte Environmental Engineering & Management Journal (EEMJ) 11 (12)	11	2012
White bread fortified with calcium from eggshell powder N Platon, VA Arus, AM Georgescu, ID Nistor, N Barsan Rev. Chim 71 (7), 299-306	10	2020
Studies and researches on typha latifolia's (bulrush) absorption capacity of heavy metals from the soil AD Chitimus, C Radu, V Nedeff, E Mosnegutu, N Barsan Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology ...	10	2016
Aspects related to water quality assessment in a mining activity area. Case study, mining area Tg. Ogna, Romania A Cochiorca, V Nedeff, N Barsan, M Panainte-Lehadus, EF Mosnegutu Proceeding of the International Multidisciplinary Scientific GeoConference ...	9	2018

Narcis Barsan

<https://www.webofscience.com/wos/author/rid/N-7433-2014>
Web of Science ResearcherID: [N-7433-2014](#)
ORCID: 0000-0003-1123-4462

Current affiliation:
- University of Bacau from 2008 until present

Peer review awards
from date range January 2013 - February 2023

-  Top reviewers in field: Engineering 2018
-  Top reviewers for country/region: Romania 2017
-  Top reviewers in field: Energy 2017
-  Top reviewers in field: Environmental Science 2017
-  Top reviewers for journal: Journal of Cleaner Production 2017
-  Top reviewers in field: Business, Management and Accounting 2017
-  Top reviewers in field: Engineering 2017

Publication Metrics

For manuscripts published from date range January 2013 - February 2023

10	269
H-index	Sum of Times Cited
65	63
Total Publications	Web of Science Core Collection Publications

For all time

10	286
H-index	Sum of Times Cited
71	69
Total Publications	Web of Science Core Collection Publications

Publications

For manuscripts published from date range January 2013 - February 2023 (63)

Times Cited
(All time)

ASSESSMENT OF THE MICROBIOTA OF SOME MINERAL WATER FORM SLANIC MOLDOVA (ROMANIA): SEASONAL EVALUATION AND AFTER STORAGE IN DIFFERENT CONDITIONS Authors (6): Misaila, Lavinia; Raducanu, Dumitra ... Grosu, Luminita Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	0
Perspectives for Quality Evaluation of Some Mineral Waters from Slanic Moldova Authors (9): Misaila, Lavinia; Barsan, Narcis ... Finaru, Adriana-Luminita Published in Water	0
Assessment of Cadmium and Copper Adsorption by Two Agricultural Soils from Romania and Tunisia: Risk of Water Resource Pollution Authors (6): Abdelwaheb, Mohamed; Nedeff, Valentin ... Chitimus, Alexandra-Dana Published in Processes	0
Mathematical Perspectives in the Variable Texture Products Cutting Process Authors (6): Panainte-Lehadus, Mirela; Mosnegutu, Emilian ... Irimia, Oana Published in Processes	1
Extraction of Mathematical Correlations Applied in the Aerodynamic Separation of Solid Particles Authors (7): Mosnegutu, Emilian; Panainte-Lehadus, Mirela ... Jasinski, Marcin Published in Processes	1
Evaluation of the Use of Sewage Sludge Biochar as a Soil Amendment-A Review Authors (7): Goldan, Elena; Nedeff, Valentin ... Mosnegutu, Emilian Published in Sustainability	11
Optimization of Biogas Production from Sewage Sludge: Impact of Combination with Bovine Dung and Leachate from Municipal Organic Waste Authors (10): Nikiema, Mahamadi; Barsan, Narcis ... Ouattara, Aboubakar S. Published in Sustainability	4
Potential of Canna indica in Vertical Flow Constructed Wetlands for Heavy Metals and Nitrogen Removal from Algiers Refinery Wastewater Authors (5): Ghezali, Katia; Bentahar, Nourredine ... Mosnegutu, Emilian Published in Sustainability	4
Sustainable Local Food Evaluation by Dosage of Some Metallic Pollutants in Wild Insect Species Consumed in Togo Authors (5): Badanaro, Fegbawe; Barsan, Narcis ... Panainte-Lehadus, Mirela Published in Sustainability	1

Greywater as an Alternative Solution for a Sustainable Management of Water Resources-A Review Authors (6): Filali, Hanen; Barsan, Narcis ... Hachicha, Mohamed Published in Sustainability	9
ULTRAFILTRATION TECHNOLOGY APPLICATION IN THE INDUSTRIAL WASTEWATER TREATMENT PROCESSES Authors (7): Andrei, Zaharia; Nedeff, Valentin ... Tomozei, Claudia Published in Fresenius Environmental Bulletin	0
EFFECT OF THE DISTRIBUTION SYSTEM ON DRINKING WATER QUALITY IN THE CITY OF DALOA (WEST CENTRAL COTE D'IVOIRE) Authors (7): Eblin, Sampah Georges; Anoh, Kouao Armand ... Barsan, Narcis Published in Fresenius Environmental Bulletin	0
FLOOD VULNERABILITY REDUCTION. CASE STUDY: TAZLAU RIVER BASIN, DOWNSTREAM OF ITS CONFLUENCE WITH TAZLAU SARAT Authors (5): Tirnovan, Alina; Covaci, Ovidiu ... Enea, Andrei Published in Present Environment and Sustainable Development	1
Influence of fertilization systems to the soil inorganic compounds. Case study: monocultures of cereals, leguminous and oleaginous Authors (7): Chitimus, A. D.; Nedeff, V ... Tomozei, C. Published in Global Nest Journal	0
WATER QUALITY ANALYSIS FROM A MINING AREA. CASE STUDY: TARGU OCNA SALT MINE, ROMANIA Authors (7): Cochiorca, Alina; Fiorucci, Adriano ... Panainte-Lehadus, Mirela Published in Environmental Engineering and Management Journal	3
STUDY OF WASTE MANAGEMENT IN DIFFERENT AREAS FROM ROMANIA Authors (6): Mihai, Vulpe; Nedeff, Valentin ... Claudia, Tomozei Published in Fresenius Environmental Bulletin	0
ASSESSMENT OF BANDAMA RIVER WATER RESOURCES FOR DRINKING WATER SUPPLY IN SINFRA AND GAGNOA LOCALITIES (WEST-CENTRAL, COTE D'IVOIRE) Authors (6): Eblin, Sampah Georges; Konan, Kouakou Seraphin ... Barsan, Narcis Published in Fresenius Environmental Bulletin	1
ESTIMATING THE CARBON FOOTPRINT IN WATER TREATMENT CASE STUDY THE TREATMENT PLANTS FROM BACAU ROMANIA AND TURIN ITALY Authors (9): Fabian, Florina; Nedeff, Valentin ... Irimia, Oana Published in Fresenius Environmental Bulletin	0
EDUCATIONAL ATTAINMENT IMPLICATION IN THE WASTE PROBLEMS PERCEPTION A CASE STUDY APPLIED TO ROMANIAN CITIZENS Authors (6): Vulpe, Mihai; Nedeff, Valentin ... Barsan, Narcis Published in Fresenius Environmental Bulletin	1

EVALUATION ON CONSUMER ATTITUDES TOWARDS TO THE PURCHASE OF ECO-LABELED PRODUCTS Authors (8): Panainte-Lehadus, Mirela; Nedeff, Valentin ... Chitimus, Dana Published in Fresenius Environmental Bulletin	0
Filtration Theory and Techniques. A Short Review on the Filtration Process Authors (8): Barsan, Narcis; Zaharia, Andrei ... Capsa, Doina Published in International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	0
Influence of Soil Fertilization Systems and Crop Rotation on Physical and Chemical Properties of the Soil Authors (7): Chitimus, Alexandra-Dana; Barsan, Narcis ... Partal, Elena Published in International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	0
Studies and Researches Regarding the Influence of the Size of Solid Particles Forming a Heterogenous Mix on the Aerodynamic Separation Process Authors (7): Mosnegutu, Emilian; Chitimus, Alexandra-Dana ... Jasinski, Marcin Published in International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	0
STUDY REGARDING THE MEASURING OF PARTICULATE MATTER PM2.5 AND PM10 IN INDUSTRIAL WORKING ENVIRONMENTS Authors (6): Tirtoaca (Irimia), Oana; Panainte-Lehadus, Mirela ... Barsan, Narcis Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	0
QUALITY ASSESSMENT OF SLANIC-MOLDOVA MINERAL WATERS STORED IN REUSABLE BOTTLES Authors (8): Misaila, Lavinia; Barsan, Narcis ... Finaru, Adriana-Luminita Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	2
Treatment Study of Brook Water by Using the Ultrafiltration Pilot with Polymeric Membrane Authors (8): Tataru, Laurentiu; Barsan, Narcis ... Sandu, Ioan Gabriel Published in Materiale Plastice	1
Experimental Application of a Laboratory SBR Plant Used for Domestic Wastewater Treatment Authors (7): Barsan, Narcis; Chitimus, Dana ... Tartoaca, Oana Irimia Published in Revista de Chimie	1
Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant Species Authors (8): Chitimus, Alexandra Dana; Nedeff, Florin Marian ... Tomozei, Claudia Published in Revista de Chimie	1

Evaluation of Heavy Metals and Organic Compounds in Water Samples Collected from Various Sources from Republic of Moldova and Romania Authors (9): Untila, Carolina; Caraman, Mihail ... Sandu, Andrei Victor Published in Revista de Chimie	5
Surface Water Quality Assessment from a Mining Area Case study, Groapa Burlacu lake, Targu Ocna, Romania Authors (9): Cochiorca, Alina; Barsan, Narcis ... Sandu, Ioan Gabriel Published in Revista de Chimie	3
Absorption Capacity of Heavy Metals in the Case of Typha Latifolia Plant Species Authors (7): Chitimus, Alexandra Dana; Nedeff, Valentin ... Barsan, Narcis Published in Revista de Chimie	3
Monitoring the Particulate Matter (PM10) Emissions from Bacau City Termo-Energetic Industry Authors (9): Lehadus, Mirela Panainte; Nedeff, Valentin ... Sandu, Ion Published in Revista de Chimie	2
The Use of Biochar and Compost Mixtures as Potential Organic Fertilizers Authors (6): Goldan, Elena; Nedeff, Valentin ... Panainte, Mirela Published in Revista de Chimie	6
Mathematical Modeling for the Absorption Capacity of Heavy Metals from the Soil in the Case of Phragmites Australis Plant Species Authors (7): Chitimus, Alexandra Dana; Nedeff, Valentin ... Barsan, Narcis Published in Revista de Chimie	4
WATERSHED - Android Application for the Mineral Waters Classification Authors (8): Misaila, Lavinia; Nedeff, Florin Marian ... Finaru, Adriana-Luminita Published in Revista de Chimie	10
Influence of Main Works Systems on Physical and Chemical Properties of the Soil Authors (8): Muscalu (Plescan), Oana-Maria; Nedeff, Valentin ... Rusu, Dragos Published in Revista de Chimie	9
The Effect of Biochar Mixed with Compost on Heavy Metal Concentrations in a Greenhouse Experiment and on Folsomia Candida and Eisenia Andrei in Laboratory Conditions Authors (6): Goldan, Elena; Nedeff, Valentin ... Panainte, Mirela Published in Revista de Chimie	5
Energy and Chemicals Consumption Evaluation in Water Treatment Plant A comparative study between Bacau and Turin Authors (4): Fabian, Florina; Nedeff, Valentin ... Mosnegutu, Emilian Published in Revista de Chimie	6
Applications of Polymeric Membranes Ultrafiltration Process on the Retention of Bentonite Suspension Authors (7): Tataru, Laurentiu; Nedeff, Valentin ... Sandu, Ion Published in Materiale Plastice	9

Influence of Soil Fertilization Systems and Crop Rotation on Soil Chemical Properties Authors (7): Muscalu (Plescan), Oana Maria; Nedeff, Valentin ... Rusu, Dragos Ioan Published in Revista de Chimie	12
Nitrate Pollution of Groundwater Based on GIS in the City of Daloa, West-central Cote d'Ivoire Authors (7): Eblin, Sampah Georges; Konan, Kouakou Seraphin ... Sandu, Ion Published in Revista de Chimie	12
Studies of Humic Acid Removal from Aqueous Systems by Using Polymeric Membrane Ultrafiltration Process Authors (7): Tataru, Laureniu; Nedeff, Valentin ... Chitimus, Dana Published in Materiale Plastice	5
Vermicompost utilization: A way to food security in rural area Authors (6): Coulibaly, Sifolo S.; Edoukou, Flavien Ettien ... Zoro, I. A. Bi Published in Heliyon	16
Cutting oil emulsion treatment by electrocoagulation using aluminum and iron electrodes Authors (6): Dermouchi, A.; Bencheikh-Lehocine, M. ... Valentin, N. Published in International Renewable Energy Congress (IREC)	1
THE INFLUENCE OF AIR VELOCITY ON THE BEHAVIOR OF A SOLID PARTICLE DISPLACEMENT IN A VERTICAL PATH Authors (4): Mosnegutu, Emilian; Nedeff, Valentin ... Rusu, Dragos Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	2
ANALYSIS OF WATER QUALITY FOR TWO RIVERS LOCATED NEAR A MINING AREA Authors (6): Cochiorca, Alina; Nedeff, Valentin ... Tomozei, Claudia Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	7
A PERSPECTIVE FOR POOR WASTEWATER INF STRUCTURE REGIONS: A SMALL-SCALE SEQUENCING BATCH REACTOR TREATMENT SYSTEM Authors (6): Barsan, Narcis; Nedeff, Valentin ... Tomozei, Claudia Published in Chemistry Journal of Moldova	14
OPTIMIZATION OF BIOGAS PRODUCTION FROM ORGANIC FRACTION OF MUNICIPAL SOLID WASTE: EXPERIMENTAL TEST USING LIQUID FROM WASTE FERMENTATION Authors (7): Nikiema, Mahamadi; Barsan, Narcis ... Traore, Alfred S. Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	2

STUDIES AND RESEARCH CONCERNING THE USE OF SOME RECYCLABLE ABSORBENT MATERIALS FOR INCREASING ACOUSTIC COMFORT INTO A ROOM DESIGNED FOR SPEAKING Authors (3): Nedeff, Florin Marian; Barsan, Narcis; Finaru, Adriana Luminita Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	1
Determination of kinematic indices corresponding to a solid particle on a flat oscillating surface Authors (6): Mosnegutu, E.; Nedeff, V. ... Rusu, D. Published in IOP Conference Series: Materials Science and Engineering	0
DEVELOPING A GREEN REGISTER OF ECO-LABELED PRODUCTS IN ROMANIA Authors (7): Temea, Antonina; Comoglio, Claudio ... Barsan, Narcis Published in Environmental Engineering and Management Journal	3
APPLICATION OF THE FLOCCULATION PROCESS IN THE INDUSTRIAL WASTEWATER TREATMENT Authors (6): Turcu, Mariana; Barsan, Narcis ... Radu, Cristian Published in Environmental Engineering and Management Journal	8
PRODUCTION CAPACITY OF LEACHATE FROM BIHOR LANDFILL Authors (6): Belciu, Mihai-Cosmin; Mosnegutu, Emilian Florin ... Barsan, Narcis Published in Environmental Engineering and Management Journal	7
STUDIES AND RESEARCHES ON TYPHA LATIFOLIA'S (BULRUSH) ABSORPTION CAPACITY OF HEAVY METALS FROM THE SOIL Authors (5): Chitimus, Alexandra-Dana; Radu, Cristian ... Barsan, Narcis Published in Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	12
INFLUENCE OF CLIMATIC FACTORS ON THE POLLUTION WITH NITROGEN OXIDES (NOX) IN BACAU CITY, ROMANIA Published in Environmental Engineering and Management Journal	18
PRODUCTION AND DISTRIBUTION OF GREEN PRODUCTS IN ROMANIA Authors (5): Panainte-Lehadus, Mirela; Nedeff, Valentin ... Barsan, Narcis Published in International Multidisciplinary Scientific GeoConference - SGEM Proceedings	1
APPLICATION OF SYNTHETIC CHEMICAL COMPOUNDS IN PETROLEUM SLUDGE TREATMENT Authors (5): Turcu, Mariana; Barsan, Narcis ... Belciu, Mihai Published in Environmental Engineering and Management Journal	6
STUDY REGARDING PUBLIC PERCEPTION ON ENVIRONMENTAL ISSUES RELATING TO ROMANIA Authors (8): Panainte-Lehadus, M.; Nedeff, V. ... Barsan, N. Published in International Conference on Production Research - Regional Conference Africa, Europe and the Middle East and International Conference on Quality and Innovation in Engineering and Management (Icpr-Aem)	0

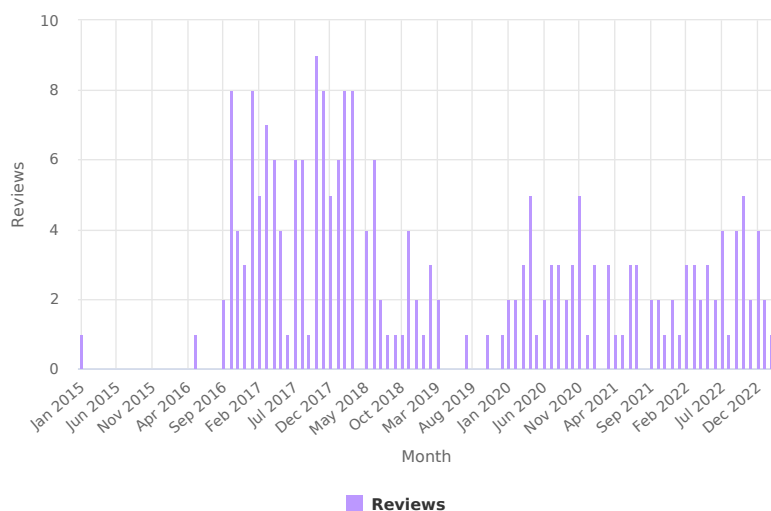
MODELLING WASTEWATER TREATMENT PROCESS IN A SMALL PLANT USING A SEQUENCING BATCH REACTOR (SBR) Published in Environmental Engineering and Management Journal	18
GREEN MARKET: A COMPARATIVE STUDY IN ROMANIA Authors (8): Panainte, Mirela; Caraman, Iuliana ... Barsan, Narcis Published in Fresenius Environmental Bulletin	4
EXPERIMENTAL STUDY OF NOISE LEVELS GENERATED BY ROLLING BEARINGS IN DIFFERENT STAGES OF DETERIORATION Published in Environmental Engineering and Management Journal	2
APPLICATION OF ORGANIC FLOCCULANTS FOR THE TREATMENT OF SLUDGE FROM MUNICIPAL WASTEWATER TREATMENT PLANTS Authors (5): Turcu, Mariana; Nedeff, Valentin ... Panainte, Mirela Published in Environmental Engineering and Management Journal	3
EFFICIENCY OF FILTERS WITH DIFFERENT FILTERING MATERIALS: COMPARATIVE STUDY IN WATER TREATMENT Authors (5): Irimia, Oana Tirtoaca; Tomozei, Claudia ... Barsan, Narcis Published in Environmental Engineering and Management Journal	11

Preprints

For manuscripts published from date range January 2013 - February 2023 (2)	Times Cited (All time)
Identify the mathematical models generated by the Table Curve 3 D program Authors (7): Mosnegutu, Emilian; Panainte-Lehadus, Mirela ... Jasinski, Marcin Published: Feb 2022 DOI: 10.20944/PREPRINTS202202.0157.V1 Web of Science accession number: PPRN:72839358	0
Identify the Mathematical Models Generated by the Table Curve 3 D Program Authors (6): Mosnegutu, Emilian; Nedeff, Valentin ... Jasinski, Marcin Published: Feb 2022 DOI: 10.20944/PREPRINTS202202.0157 Web of Science accession number: PPRN:7706338	Not indexed in the Web of Science

Verified reviews

Review Summary



226 REVIEWS OF 185 MANUSCRIPTS

For manuscripts published from date range January 2013 - February 2023

- Reviewed for Environmental Progress & Sustainable Energy

- Reviewed for Sustainability

- Reviewed for Journal of Cleaner Production

- Reviewed for Environmental Chemistry and Ecotoxicology

- Reviewed for Nanomaterials

- Reviewed for Materials

- Reviewed for C - Journal of Carbon Research

- Reviewed for Revista de Chimie

- Reviewed for Journal of Cleaner Production

- Reviewed for Heliyon

- Reviewed for Journal of Water Process Engineering

- Reviewed for Sustainability

- Reviewed for Applied Sciences

-
Reviewed for Heliyon

-
Reviewed for Journal of Environmental Engineering

-
Reviewed for Toxics

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Energies

-
Reviewed for Water and Environment Journal

-
Reviewed for Environmental Progress & Sustainable Energy

-
Reviewed for Water

-
Reviewed for Journal of Asian Earth Sciences: X

-
Reviewed for Processes

-
Reviewed for Sustainability

-
Reviewed for Hydrogen

-
Reviewed for Environments

-
Reviewed for Environmental Science and Pollution Research

-
Reviewed for Energies

-
Reviewed for Water and Environment Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for International Journal of Environmental Research and Public Health

-
Reviewed for Separations

-
Reviewed for Environmental Nanotechnology, Monitoring & Management

-
Reviewed for International Journal of Environment and Climate Change

-
Reviewed for Membranes

-
Reviewed for Revista de Chimie

-
Reviewed for Water

-
Reviewed for Revista de Chimie

-
Reviewed for Biology

-
Reviewed for Sustainability

-
Reviewed for Sustainability

-
Reviewed for Uttar Pradesh Journal Of Zoology

-
Reviewed for Water

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Processes

-
Reviewed for Revista de Chimie

-
Reviewed for Applied Sciences

-
Reviewed for Water and Environment Journal

-
Reviewed for Revista de Chimie

-
Reviewed for Water and Environment Journal

-
Reviewed for Revista de Chimie

-
Reviewed for Water

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Geological Research

-
Reviewed for Materials

-
Reviewed for Sustainability

-
Reviewed for Journal of Engineering Studies and Research (JESR)

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Revista de Chimie

-
Reviewed for Revista de Chimie

-
Reviewed for Revista de Chimie

-
Reviewed for Journal of Engineering Studies and Research (JESR)

-
Reviewed for Revista de Chimie

-
Reviewed for Revista de Chimie

-
Reviewed for Revista de Chimie

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Revista de Chimie

-
Reviewed for Revista de Chimie

-
Reviewed for Journal of Pure and Applied Microbiology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Ecology of Food and Nutrition

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Advances in Microbiology

-
Reviewed for Microbiology Research Journal International

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Plant Research Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Environment & Ecology

-
Reviewed for Chemical Science International Journal

-
Reviewed for Journal of Applied Chemical Science International

-
Reviewed for Journal of Cleaner Production

-
Reviewed for African Journal of Environmental Science and Technology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Advanced Research and Reports

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for South Asian Journal of Research in Microbiology

-
Reviewed for Journal of Applied Chemical Science International

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for International Journal of Plant & Soil Science

-
Reviewed for African Journal of Business Management

-
Reviewed for Journal of Geography and Regional Planning

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Geography, Environment and Earth Science International

-
Reviewed for Journal of Scientific Research and Reports

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Environment & Ecology

-
Reviewed for South Asian Journal of Research in Microbiology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Applied Chemical Science International

-
Reviewed for Journal of Agriculture and Ecology Research International

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Journal of Scientific Research and Reports

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Annual Research & Review in Biology

-
Reviewed for Asian Research Journal of Agriculture

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Annual Research & Review in Biology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Journal of Applied Chemical Science International

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Scientific Research and Reports

-
Reviewed for International Research Journal of Pure and Applied Chemistry

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Current Journal of Applied Science and Technology

-
Reviewed for International Research Journal of Pure and Applied Chemistry

-
Reviewed for Journal of Advances in Microbiology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Agriculture and Ecology Research International

-
Reviewed for Asian Journal of Environment & Ecology

-
Reviewed for Archives of Current Research International

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Environment & Ecology

-
Reviewed for Water and Environment Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Scientific Research and Reports

-
Reviewed for Annual Research & Review in Biology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Recent Innovations in Chemical Engineering

-
Reviewed for Journal of Water Process Engineering

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Water and Environment Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Water and Environment Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Asian Journal of Environment & Ecology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Mini-Reviews in Organic Chemistry

-
Reviewed for British Journal of Applied Science & Technology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Water and Environment Journal

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for British Journal of Applied Science & Technology

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Cleaner Production

-
Reviewed for Journal of Global Ecology and Environment

Citation overview

[← Back to author results](#)

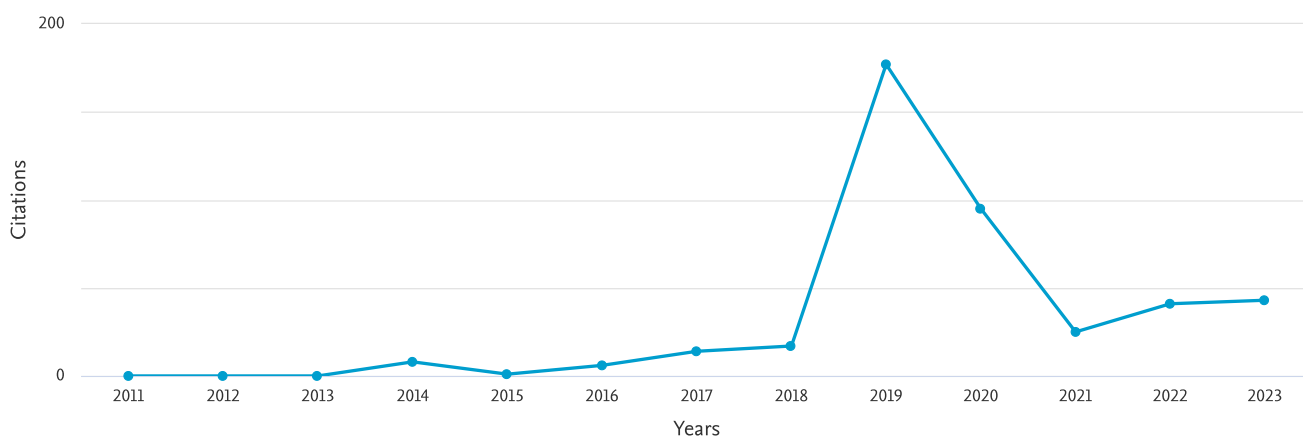
→ Export Print

This is an overview of citations for this author.

Author *h*-index : 13 View *h*-graph

77 Cited Documents from "Bârsan, Narcis" + Save to list

Date range: to ☐ Exclude self citations of selected author ☐ Exclude self citations of all authors ☐ Exclude citations from books



Sort on: **Date (newest)**

Page  Remove

[illegible]

Documents		Citations																		Subtotal		>2023		Total
		Total	0	0	0	0	8	1	6	14	17	177	95	25	41	43	427	0	427					
☐	16 Greywater as an Alternative Solution for a Sustainable Manag...	2022													3	11	14		14					
☐	17 Water quality analysis from a mining area. case study: Targu...	2021													3		3		3					
☐	18 Study of waste management in different areas from Romania	2021													1		1		1					
☐	19 Assessment of bandama river water resources for drinking wat...	2021															0		0					
☐	20 Influence of fertilization systems to the soil inorganic com...	2021															0		0					
☐	21 Evaluation on consumer attitudes towards to the purchase of ...	2021															0		0					
☐	22 Studies and Researches Regarding the Influence of the Size o...	2020															0		0					
☐	23 Filtration Theory and Techniques. A Short Review on the Filt...	2020														1	1		1					
☐	24 Influence of Soil Fertilization Systems and Crop Rotation on...	2020														1	1		1					
☐	25 White bread fortified with calcium from eggshell powder	2020												2	5	1	8		8					
☐	26 Application in process industry of the solid particles displ...	2020															0		0					
☐	27 Experimental application of the process industry solid parti...	2020															0		0					
☐	28 Surface water and groundwater quality evaluation in a mining...	2020															0		0					
☐	29 Study regarding the measuring of particulate matter pm2...	2020															0		0					
☐	30 Quality assessment of slanic-moldova mineral waters stored i...	2020														1	1		1					
☐	31 Correlations on the air nitrogen oxides pollutant concentrat...	2020															0		0					
☐	32 Influence of fertilizers on soils used for oleaginous crop	2020												2			2		2					
☐	33 Applications of polymeric membranes ultrafiltration process ...	2019										8	4		1		13		13					
☐	34 The effect of biochar mixed with compost on heavy metal conc...	2019										5	3			1	9		9					
☐	35 Mathematical modeling for the accumulation of cadmium, zinc ...	2019											1				1		1					
☐	36 Mathematical correlations of the variable parameters specifi...	2019											1				1		1					
☐	37 Treatment study of brook water by using the ultrafiltration ...	2019											2		1		3		3					
☐	38 Absorption capacity of copper and lead in the case of Phragm...	2019											2				2		2					
☐	39 Experimental application of a laboratory SBR plant used for ...	2019											1	1			2		2					
☐	40 Surface Water Quality Assessment from a Mining Area Case stu...	2019										1	3	1			5		5					
☐	41 Evaluation of heavy metals and organic compounds in water sa...	2019										2	3	1	1		7		7					
☐	42 Absorption capacity of heavy metals in the case of Typha lat...	2019										4	4			1	9		9					
☐	43 Monitoring the particulate matter (PM10) emissions from Baca...	2019											2		1		3		3					
☐	44 Nitrate Pollution of Groundwater Based on GIS in the City of...	2019										5	4	2	4	1	16		16					
☐	45 Mathematical modeling for the absorption capacity of heavy m...	2019										4	4		1		9		9					
☐	46 The use of biochar and compost mixtures as potential organic...	2019										3	3	1	2	1	10		10					
☐	47 Watershed - Android application for the mineral waters class...	2019										8	4	1	1		14		14					
☐	48 Influence of main works systems on physical and chemical pro...	2019										9	5				14		14					
☐	49 Influence of soil fertilization systems and crop rotation on...	2019										12	5	1			18		18					
☐	50 Studies of humic acid removal from aqueous systems by using ...	2018										4	4				8		8					
☐	51 Vermicompost utilization: A way to food security in rural ar...	2018										3	4	4	3	3	17		17					
☐	52 The influence of air velocity on the behavior of a solid par...	2018											2		1		3		3					
☐	53 Analysis of water quality for two rivers located near a mini...	2018										6	4	1			11		11					
☐	54 Aspects related to water quality assessment in a mining acti...	2018										9					9		9					
☐	55 Studies and research on phragmites australis' (Common reed) ...	2018										12			1		13		13					
☐	56 Efficiency studies of hollow fiber organic membranes in rest...	2018										2					2		2					
☐	57 Increasing the wastewater treatment capacity of small sequen...	2017															0		0					

Documents		Citations																	<2011		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Subtotal	>2023	Total
		Total	0	0	0	0	8	1	6	14	17	177	95	25	41	43	427	0	427																	
☐	58 Studies and research concerning the influence of liquid poll...	2017									1	11					12		12																	
☐	59 Studies and research concerning the use of some recyclable a...	2017										1	1				2		2																	
☐	60 Optimization of biogas production from organic fraction of m...	2017										1	1		1		3		3																	
☐	61 A perspective for poor wastewater infrastructure regions: A ...	2017								2	10	4	1	1	1		19		19																	
☐	62 Determination of kinematic indices corresponding to a solid ...	2016										1					1		1																	
☐	63 Developing a green register of eco-labeled products in Roman...	2016										2		1			3		3																	
☐	64 Application of the flocculation process in the industrial wa...	2016								2	2	4	3				11		11																	
☐	65 Influence of climatic factors on the pollution with nitrogen...	2016							1	5	4	5	4		1		20		20																	
☐	66 Studies and researches on Typha latifolia's (Bulrush) absorp...	2016								4	15	3	1				23		23																	
☐	67 Production and distribution of green products in Romania	2015											1				1		1																	
☐	68 Application of synthetic chemical compounds in petroleum slu...	2014							1	1	1	3	2				8		8																	
☐	69 Green market: A comparative study in Romania	2014					1						1	2			4		4																	
☐	70 Experimental study of noise levels generated by rolling bear...	2014										2					2		2																	
☐	71 Modelling wastewater treatment process in a small plant usin...	2014						1	2	3		11	1	1	2		21		21																	
☐	72 Studies and research concerning the displacement of solid pa...	2014															0		0																	
☐	73 Application of organic flocculants for the treatment of slud...	2013					1		1	1	1	1	1				6		6																	
☐	74 Efficiency of filters with different filtering materials: Co...	2013					1				1	10	3	1	1		17		17																	
☐	75 Impact of green products on Romaian consumers	2012											1				1		1																	
☐	76 A case study on heavy rainfall in the Central-Southern Molda...	2012					3		1			3	2				9		9																	
☐	77 Heat balance components of a small sequencing batch reactor ...	2012					2			2	1	3					8		8																	

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

ELSEVIER

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © Elsevier B.V. ↗. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies ↗.

