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**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. Mirela PANAINTE – LEHĂDUȘ  
Universitatea „Vasile Alecsandri” din Bacău

**FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAȚIONALE PENTRU  
ATESTATUL DE ABILITARE**

Verificare îndeplinirii standardelor minimale (cumulative)

<b>Standarde minimale necesare și obligatorii</b>	<b>Valoare criteriu standard</b>	<b>Valoare criteriu candidat</b>	<b>Verificat comisie</b>
Număr total de articole în reviste ISI (NT)	$NT \geq 25$	76	
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP)	$NP \geq 10$	17	
Număr lucrări în reviste cu $FI > 1$ , NP (cu $FIC > 1$ )	$NP (cu FIC > 1) \geq 6$	17 (CU $FIC > 1 = 11$ )	
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 20$	FIC = 44.124	
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 100$	289	

Președinte .....

Membrii

1. ....
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NUMĂR TOTAL ARTICOLE ISI (NT)

Nr. crt.	Articol	FI revista
1.	<b>Mirela Panainte</b> , Nedeff Valentin, Bogdan Macarescu, Emilian Mosnegutu, Claudia Tomozei – Studies and research on the environmental impact of noise created by a work station for producing concrete, <i>Metalurgia International</i> , 2009, no. 11, vol. XIV, pp. 73 – 76, ISSN 1582-2214, WOS:000270962400015	0
2.	Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Study of a solid particle behaviour in a vertical ascending airflow, <i>Revista De Chimie</i> , vol. 58, no. 12, 2007, pp. 1285-1290, WOS:000252496200025	0
3.	Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Researches concerning the aerodynamic sorting of solid particles according to the surface states, <i>Revista De Chimie</i> , vol. 59, no. 3, 2008, pp. 360-365, WOS:000255966000022	0
4.	Zichil, Valentin; Panainte, Mirela; Nedeff, Valentine; Mosnegutu, Emilian; Savin, Carmen; Macarescu, Bogdan; Olaru, Ciprian, Considerations about a new method able to determine the breaking up energy at materials with variable texture, <i>METALURGIA INTERNATIONAL</i> , 2009, vol. 14, nr. 6, pag. 15-20, WOS:000265002600003	0
5.	Panainte, Mirela; Valentin, Nedeff; Carol, Schnakovszky; Emilian, Mosnegutu, Theoretical study regarding the possibility to determination the grinding energy to products with variable texture, <i>METALURGIA INTERNATIONAL</i> , 2009, vol. 14, nr. 1, pag. 62-67, WOS:000263374100011	0
6.	Macarescu, B., Nedeff, V., Capat, C., Panainte, M., Mosnegutu, E., Savin, C., Studies and research regarding efficiency improvement of the district heating system and heat supply in an urban agglomeration in Romania. Study case for the chp plant in BACAU, <i>Metalurgia International</i> , vol. 15, no. 10, 2010, pp. 96-102, WOS:000278729300020	0
7.	Barsan, N., Nedeff, V., Mosnegutu, E.F., Panainte, M., Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, <i>Environmental Engineering and Management Journal</i> , vol. 11, no. 12, 2012, pp. 2133-2140, 10.30638/eemj.2012.265, WOS:000314169000003	0.9
8.	Chitimus, A.D., Nedeff, V., Mosnegutu, E.F., Panainte, M., In situ soil flushing - studies on remediation efficiency of polluted sandy soils with organic acids, <i>Environmental Engineering and Management Journal</i> , vol. 11, no. 12, 2012, pp. 2163-2168, 10.30638/eemj.2012.269, WOS:000314169000007	0.9
9.	M. Vasilica, D. Căpsa, I. Covaci, V. Nedeff, N. Barsan, M. Panainte, A case study on heavy Rainfall in the Central-Southern Moldavia Region, Romania, <i>Environmental Engineering and Management Journal</i> , 2012) 1, vol. 11, no. 12, 2151-2158 WOS:000314169000005	0.9
10.	Valentin Nedeff, Emilian Moşneguţu, Mirela Panainte, Mihail Ristea, Gabriel Lazăr, Dan Scurtu, Bogdan Ciobanu, Adrian Timofte, Ştefan Toma, Maricel Agop, Dynamics in the boundary layer of a flat particle, <i>Powder Technology</i> , vol. 221, May 2012, pag. 312–317, 10.1016/j.powtec.2012.01.019, WOS:000303222300040	4.5
11.	Turcu, M., Nedeff, V., Barsan, N., Mosnegutu, E.F., Panainte, M., Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants, <i>Environmental Engineering and Management Journal</i> , vol. 12, no. 1, 2013, pp. 163-166, 10.30638/eemj.2013.018, WOS:000317803300018	0.9
12.	Stanila, M.I., Nedeff, V., Chitimus, D., Panainte, M., Mosnegutu, E.F., Optimization of a Mixed Cycle Gas Turbine Titan 130s Type Operating under Partial Loads, <i>Environmental Engineering and Management Journal</i> , vol. 12, no. 1, 2013, pp. 115-124., 10.30638/eemj.2013.014, WOS:000317803300014	0.9
13.	Bontas, O., Nedeff, V., Mosnegutu, E.F., Panainte, M., Irimia, O.T., Behaviour of solid particles on a flat oscillating surface, <i>Environmental Engineering and Management Journal</i> , vol. 12, no. 1, 2013, pp. 17-22, 10.30638/eemj.2013.003, WOS:000317803300003	0.9
14.	Nedeff, V; Inglezakis, V; Lazar, I; Panainte, M; Mosnegutu, E; Caraman, I; Lazar, G , Green products theme as learning subject, edulearn13: 5th international conference on education and new learning technologies, Edited by: Chova, LG; Martinez, AL; Torres, IC, Book Series: EDULEARN Proceedings, Pages: 3403-3408, Published: 2013, Document Type: Proceedings Paper, WOS:000346798303060	0
15.	Irimia, O.T., Tomozei, C., Panainte, M., Mosnegutu, E.F., Barsan, N., Efficiency of filters with different filtering materials: comparative study in water treatment, <i>Environmental Engineering and Management Journal</i> , vol. 12, no. 1, 2013, pp. 35-39, 10.30638/eemj.2013.005, WOS:000317803300005	0.9
16.	Mirela Panainte-Lehadus, Valentin Nedeff, Emilian Mosnegutu, Gabriel Lazar, Iuliana Caraman, Claudia Tomozei, Dana Chitimus, Narcis Barsan, 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 978-973-662-978-5, 2014, pp. 393-396, WOS:000346410700072	0
17.	Doina Căpsa, Mirela Panainte, Dana Chitimus, Marius Stanila, Daniel-Catalin Felegeanu, Accidental pollution with ammonia. Influence of meteorological factors , <i>Environmental Engineering and Management Journal</i> , 2014, vol. 13, no. 7, pp. 1573-1580, WOS:000344577400004	0.9

18.	Mirela Panainte, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan - Green market: a comparative study in Romania, FRESNIUS ENVIRONMENTAL BULLETIN, 2014, vol. 23, no. 11, pp. 2870-2875 WOS:000349805500013	0
19.	Radu, M. , Nedeff, V., Nicolescu, M.C., Danu, M., Panainte-Lehăduș, M., Stănilă, M., Schnakovszky, C - Study on the separation of purge gases from ammonia plant Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578, WOS:000376876400011	0.9
20.	Felegeanu, D.-C. , Paraschiv, G., Panainte-Lehăduș, M., Horubet, M., Belciu, M., Radu, M., Turcu, O.L. - A combined method for the analysis and assessment of risks and industrial safety, Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578 WOS:000376876400009	0.9
21.	Mirela Panainte, Marius Stănilă, Emilian Moșneguțu, Oana Irimia, Doina Capșa, Florin Nedeff, Claudia Tomozei, Ion Joița, Gabriela Telibașa - Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, 1582-9596 2014, vol. 13, nr. 7, pp. 1657-1663, WOS:000344577400013	0.9
22.	Mirela Panainte, Vassilis Inglezakis, Iuliana Caraman, Mihai C Nicolescu, Emilian Mosneguțu, Florin Nedeff - The evolution of eco-labeled products in Romania Environmental Engineering and Management Journal, 1582-9596 Volume 13, Issue 7, 2014, Pages 1665-1671, 10.30638/eemj.2014.184, WOS:000344577400014	0.9
23.	Panainte-Lehăduș, M., Nedeff, V., Moșneguțu, E., Caraman, I., Bârsan, N., Production and distribution of green products in Romania, 15th International Multidisciplinary Scientific Geoconference and EXPO, SGEM 2015; Albena; Bulgaria; 18 June 2015 through 24 June 2015, ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II, Volume 2, 2015, Pages 397-404, WOS:000370814500052	0
24.	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, 2016, 1582-9596, Vol.15, No. 8, 1873-1878 WOS:000388119400022	0.9
25.	Florina Fabian, Silvia Fiore, Giuseppe Genon, Deborah Panepinto, Valentin Nedeff, Mirela Panainte, Preliminary evaluation of the environmental impact of water treatment process, Environmental Engineering and Management Journal, 2016, 1582-9596, Vol.15, No. 8, 1867-1872 WOS:000388119400021	0.9
26.	Panainte-Lehăduș, M. , Nedeff, F., Petrovici, A., Telibașa, G., Felegeanu, D.-C., Schnakovszky, C. - Assessing the health and safety risks in the education sector, Environmental Engineering and Management Journal Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 563-572 WOS:000376876400010	0.9
27.	Cochiorca, A., Nedeff, V., Bârsan, N., Moșneguțu, E.F., Panainte-Lehăduș, M., Tomozei, C., Analysis of water quality for two rivers located near a mining area, Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, Volume 19, Issue 4, 2018, Pages 455-463, WOS:000452211700009	0.3
28.	Panaite-Lehadus, , Olaru, C., Nedeff, V., Olaru, I, Mosnegutu, E., The study behavior of food materials with soft texture subjected to shredding by cutting(Conference Paper)(Open Access), IOP Conference Series: Materials Science and Engineering, Volume 147, Issue 1, 2016 7TH INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING (ACME), DOI10.1088/1757-899X/147/1/012150	0
29.	Claudia Tomozei, Valentin Nedeff, Mirela Panainte, Gabriela Telibașa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, 1582-9596, 2018, Volume 17, no. 12, pp. 2813-282 WOS:000456043800012	0.9
30.	Tataru, L., Nedeff, V., Barsan, N., Mosnegutu, E.a, Lehadus, M.P., Sandu, I., Chitimus, D., Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Materiale Plastice, Volume 55, December 2018, Pages 680-685, WOS:000454987400048	0.6
31.	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).	0
32.	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. Oghina, 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).	0
33.	Goldan, E., Nedeff, V., Sandu, I.G., Mosnegutu, E., Panainte, M., Study of greenhouse use of biohazard wastewater and manure compost, Revista De Chimie, vol. 70, no. 1, 2019, p. 169-173, WOS:000460428100037	0

34.	Tataru, L., Nedeff, V., Mosnegutu, E., Panainte-Lehadus, M., Chitimus, D.A., Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, vol. 20, no. 1, 2019, p. 75-87, WOS:000462758300008	0.3
35.	Tataru, L., Nedeff, V., Barsan, N., Sandu, A.V., Mosnegutu, E., Panainte-Lehadus, M., Sandu, I., Applications of polymeric membranes ultrafiltration process on the retention of bentonite suspension, Materiale Plastice, vol. 56, no. 1, 2019, p. 97-102, WOS:000464604100020	0.6
36.	Goldan, E., Nedeff, V., Barsan, N., Mosnegutu, E., Sandu, A.V., Panainte, M., The effect of biochar mixed with compost on heavy metal concentrations in a greenhouse experiment and on <i>folsomia candida</i> and <i>eisenia andrei</i> in laboratory conditions, Revista De Chimie, vol. 70, no. 3, 2019, p. 809-813, WOS:000464911600014	0
37.	Antonina Temea, Valentin Nedeff, Mirela Panainte-Lehadus, Claudia Tomozei, Comparison Between Characteristics of Products With Ecolabel and the Ones Without Ecolabel, REV.CHIM.(Bucharest), 2537-5733, 2019, 70, No. 4, p.1293-1297 WOS:000469387200037	0
38.	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), 2537-5733, 2019, vol. 70, No. 8, p. 2869- 2872 WOS:000489685600035	0
39.	Nastuneac, V., Panainte-Lehadus, M., Mosnegutu, E.F., Gavrilas, S., Cioca, G., Munteanu, F.D., Removal of Cypermethrin from water by using <i>fucus spiralis</i> marine alga, International Journal of Environmental Research and Public Health, vol. 16, no. 19, 2019, 10.3390/ijerph16193663, 31569507, WOS:000494748600159	0
40.	Elena Goldan, Valentin Nedeff, Ion Sandu, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte, The use of biochar and compost mixtures as potential, organic fertilizers, REVISTA DE CHIMIE (Bucharest), 2537-5733, 2019, vol. 70, No. 6, p. 2192- 2197, WOS:000475860100063	0
41.	Cochiorca, A., Barsan, N., Nedeff, F.M., Sandu, I., Mosnegutu, E.F., Lehadus, M.P., Chitimus, D., Irimia, O., Sandu, I.G., Surface water quality assessment from a mining area case study, groapa Burlacu lake, Targu Ocna, Romania, Revista De Chimie, vol. 70, no. 10, 2019, pp. 3678-3680, WOS:000500795900049	0
42.	Muscalu, O.M., Nedeff, F.M., Partal, E., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C., Influence of Soil Fertilization Systems on Soil Characteristics for a Monoculture of Sunflower, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, vol. 20, no. 4, 2019, pp. 585-595, WOS:000502846500008	0.3
43.	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), 2537-5733, 2019, vol. 70, No. 11, p. 4098- 4101 WOS:000503185300067	0
44.	Emilian Florin MOSNEGUTU, Mirela PANAINTE-LEHĂDUȘ, Florin NEDEFF, Oana TIRTOACA (IRIMIA), Claudia TOMOZEI, Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE, ISSN: 2067-533X, January-March 2020, 11, No. 1, p. 179-188, WOS:000520030000017	0.672
45.	Oana Tirtoaca Irimia, Mirela Panainte-Lehadus, Claudia Tomozei, Emilian Mosnegutu, Alexandra-Dana Chitimus, Narcis Barsan, Study regarding the measuring of particulate matter PM2.5 and PM10 in industrial working environments, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, 2020, 21 (2), pp. 271 – 278, WOS:000546789300012	0.3
46.	Tomozei, Claudia, Panainte-Lehadus, Mirela; Irimia, Oana; Nedeff, Florin, Public transport in Bacau City, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 - Proceedings 12 November 2020 Article number 92790887th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 Ruse 12 November 2020 through 14 November 2020 Code 165935, DOI 10.1109/EEAE49144.2020.9279088. WOS:000659299700127	0
47.	Irimia, Oana; Tomozei, Claudia; Panainte-Lehadus, Mirela; Dinu, Maria Cristina, Evaluation of the potential of wind energy as a source of electricity generation: Case study - Vanatori Wind Power Plant, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 - Proceedings 12 November 2020 Article number 92789837th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020, Ruse, 12 November 2020 - 14 November 2020, Code 165935. WOS:000659299700025.	0
48.	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	0
49.	Cochiorca, Alina, Fiorucci, Adriano, Nedeff, Valentin, Barsan, Narcis, Mosnegutu, Emilian Florin, Chițimus, Dana, Panainte-Lehadus, Mirela, Water quality analysis from a mining area. Case study: Targu Ocna salt mine, ROMANIA, Environmental Engineering & Management Journal (EEMJ). Mar 2021, Vol. 20 Issue 3, p355-360. 6p., WOS:000637746900004	0.9

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51.	Panainte-Lehadus M.,Nedeffu V.,Barsan N.,Mosnegutu E.,Temea A.,Tomozei C.,Irimia O.,Chitimus D., Evaluation on consumer attitudes towards to the purchase of eco-labeled products, Fresenius Environmental Bulletin, 2021, Volume 30, Issue 5, Pages 5521 – 5528, WOS:000658173700091	0
52.	Florina Fabian, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Emilian Florin Mosnegutu1, Paul-Claudiu Cotirlet, Dana Chitimus, Claudia Tomozei, Oana Irimia - Estimating the carbon footprint in water treatment case study the treatment plants from BACAU ROMANIA and TURIN ITALY, Fresenius Environmental Bulletin, Volume 30– No. 10/2021 pages 11361-11370, WOS:000704955000039	0
53.	Vulpe, Mihai; Nedeff, Valentin; Lehadus, Mirela Panainte; Mosnegutu, Emilian Florin; Cotirlet, Paul Claudiu; Barsan, Narcis, Educational attainment implication in the waste problems perception a case study applied to romanian citizens, FRESENIUS ENVIRONMENTAL BULLETIN, 2021, vol. 30, nr. 6B, pag. 7639-7646, WOS:000670303700052	0
54.	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, no. 9, 2022, 5309, 10.3390/su14095309, WOS:000794497400001	3.3
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57.	Mirela Panainte-Lehaduș, Emilian Moșneguțu, Narcis Bârsan , Gabriela Andrioai , Claudia Tomozei and Oana Irimia, Mathematical perspectives in the variable texture products cutting, Processes, 2022 vol. 10, no. 8, 1603, 10.3390/pr10081603, WOS:000845796500001	2.8
58.	Emilian Moșneguțu, Claudia Tomozei, Mirela Panainte-Lehadușu, Dana Chițimuș and Oana Irimia, Geometric calculation of the influence of an oscillating sieve's actuation mechanism position on its motion, Processes, 2022, vol. 10, no. 9, 1760, 10.3390/pr10091760, WOS:000857647700001	2.8
59.	Andrei, Zaharia; Nedeff, Valentin; Barsan, Narcis; Panainte-Lehadus, Mirela; Mosnegutu, Emilian; Chilimus, Dana; Tomozei, Claudia, Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, 2022, vol. 31, nr. 8B, pag. 8742-8751, WOS:000850209000019	0
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61.	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.	3.3
62.	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).	0
63.	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).	0
64.	Irimia Oana, Przydatek Grzegorz, Panainte-Lehadus Mirela, Tomozei Claudia, Mosnegutu Emilian, Gawron Piotr, Indicators of Impact Selected Municipal Units on the Air Quality—Case Study from Poland and Romania, 2022, Processes, Volumul 10, Numărul 12, art no.2485, WOS:000902812200001	2.8
65.	Elena Goldan; Valentin Nedeff; Narcis Barsan; Mihaela Culea; Mirela Panainte-Lehadus; Emilian Mosnegutu; Claudia Tomozei; Dana Chitimus; Oana Irimia, Assessment of Manure Compost Used as Soil Amendment—A Review, Process, Volume11, Issue 4, 2023, DOI 10.3390/pr11041167	2.8
66.	Irimia, O., Panaite-Lehadus, M., Tomozei, C., Mosnegutu, E., Przydatek, G., Origin-Destination Traffic Survey-Case Study: Data Analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 2023, 4975, 10.3390/su15064975, WOS:000967792200001	3.3
67.	Placinta, C., Stanciu, S., Panainte-Lehadus, M., Mosnegutu, E., Nedeff, F., Nedeff, V., Tomozei, C., Petrescu, T.C., Agop, M., Theoretical and Experimental Designs on Several Mechanical Properties of Cu-	3.1

	Al-Zn Shape Memory Alloys Used in the Processing Industry, Materials, 2023, vol. 16, no. 4, 1441, 10.3390/ma16041441, 36837071, WOS:000940069700001	
68.	Mirela Panainte-Lehăduș, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei, Oana Irimia, Mathematical Perspectives in the Variable Texture Products Cutting Process, 2022, Processes, Volumul 10, Numărul 8, art no. 1603 WOS:000845796500001	2.8
69.	Mirela Panainte-Lehadus, Mihai Vulpe, Valentin Nedeff, Emilian Mosnegutu, Grzegorz Przydatek, Claudia Tomozei, Dana Chitimus, Study on the Method of Household Waste Collection: Case Study, 2022, Applied Sciences, Volumul 12, Numărul 15, art no, 7490, WOS:000838899700001	2.5
70.	Emilian Mosnegutu, Mirela Panainte-Lehadus, Valentin Nedeff, Claudia Tomozei, Narcis Barsan, Dana Chitimus, Marcin Jasinski, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, 2022, Processes, Volumul 10, Numărul 7, art no.1234 WOS:000832223400001	2.8
71.	Lupu, M; Nedeff, V; Panainte-Lehadus, M; Mosnegutu, E; Tomozei, C; Chitimus, D; Rusu, DI, The Textural and Physical Characteristics of Red Radishes Based on a Puncture Test, PROCESSES, Volume12, Issue2, DOI10.3390/pr12020282	2.8
72.	Andrei Zaharia, Valentin Nedeff, Juan A. López-Ramírez, Emilian Mosnegutu, Narcis Bârsan, Mirela Lehadus-Panaite, Jamroziak Krzysztof, Claudia Tomozei, Scanning Electron Microscope Analysis of Polypropylene Filter Cartridges Used in Drinking Water Purification Systems, Water, 2024, 16 (1), 165; <a href="https://doi.org/10.3390/w16010165">https://doi.org/10.3390/w16010165</a>	3
73.	Petrut-Liviu Bogdan, Valentin Nedeff, Mirela Panainte-Lehadus, Dana Chitimus, Narcis Barsan, Florin Marian Nedeff, Delineation of Groundwater Potential Zones Using Geospatial Techniques. Case Study: Roman City and the Surrounding Area in the Northeastern Region, Romania, Water 2024, 16, 3013. <a href="https://doi.org/10.3390/w16213013">https://doi.org/10.3390/w16213013</a> ,	3
74.	Tomozei, Claudia, Mosnegutu, Emilian; Nedeff, Valentin; Irimia, Oana; Panainte-Lehadus, Mirela; Nedeff, Florin Marian; Chitimus, Dana; Barsan Narcis, <b>Study of the Noise Level in an Ice Cream Factory Working Environment, 2024, 9th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2024 - Proceedings</b> , ISBN 979-835036938-0, DOI 10.1109/EEAE60309.2024.10600574	0
75.	Bogdan, Petrut-Liviu; Nedeff, Valentin; Panainte-Lehadus, Mirela; Irimia, Oana; Mosnegutu, Emilian, Integrated Assessment of Groundwater Quality: A Case Study of the Roman City and its Northern Surroundings, 2024, 9th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2024 – Proceedings, ISBN 979-835036938-0, DOI 10.1109/EEAE60309.2024.10600508	0
76.	Emilian Mosnegutu, Luminit,a Bibire, Dana Chitimus, , Mirela Panainte-Lehăduș, Marcin Jasi ński, Grzegorz Przydatek, Nicoleta Sporea, Analysis of a Mechanism Used to Operate an Oscillating Separator, Appl. Sci. 2024, 14, 5836. <a href="https://doi.org/10.3390/app14135836">https://doi.org/10.3390/app14135836</a>	2.5

NT = 76

**NUMĂR ARTICOLE ÎN REVISTE ISI CA AUTOR PRINCIPAL (PRIM AUTOR SAU AUTOR  
CORRESPONDENT)**

Nr.crt	Articole în jurnale ISI/ Brevete	Nr. Autori	FI revistă	Autor principal	Calcul FIC
<b>ARTICOLE PRIMA AUTOR CU FI &gt; 1</b>					
1.	Emilian Mosnegutu, Luminit,a Bibire, Dana Chitimus, , Mirela Panainte-Lehădus, Marcin Jasi Ńnski, Grzegorz Przydatek, Nicoleta Sporea, Analysis of a Mechanism Used to Operate an Oscillating Separator, Appl. Sci. 2024, 14, 5836. <a href="https://doi.org/10.3390/app14135836">https://doi.org/10.3390/app14135836</a>	7	2.5	Da	2.5
2.	Mariana Lupu, Valentin Nedeff, Mirela Panainte-Lehadus*, Emilian Mosnegutu, Claudia Tomozei, Dana Chitimus, Dragos-Ioan Rusu, The Textural and Physical Characteristics of Red Radishes Based on a Puncture Test, Processes 2024, 12, 282. <a href="https://doi.org/10.3390/pr12020282">https://doi.org/10.3390/pr12020282</a>	7	2.8	DA	2.8
3.	Andrei Zaharia, Valentin Nedeff, Juan A. López-Ramírez, Emilian Mosnegutu, Narcis Bărsan, Mirela Lehadus-Panaite, Jamroziak Krzysztof, Claudia Tomozei, Scanning Electron Microscope Analysis of Polypropylene Filter Cartridges Used in Drinking Water Purification Systems, Water, 2024 , 16 (1), 165; <a href="https://doi.org/10.3390/w16010165">https://doi.org/10.3390/w16010165</a>	8	3	DA	3
4.	Irimia, O., Panaite-Lehadus, M., Tomozei, C., Mosnegutu, E., Przydatek, G., Origin-Destination Traffic Survey-Case Study: Data Analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 2023, 4975, 10.3390/su15064975, WOS:000967792200001	5	3.3	DA	3.3
5.	Placinta, C., Stanciu, S., Panainte-Lehadus, M., Mosnegutu, E., Nedeff, F., Nedeff, V., Tomozei, C., Petrescu, T.C., Agop, M., Theoretical and Experimental Designs on Several Mechanical Properties of Cu-Al-Zn Shape Memory Alloys Used in the Processing Industry, Materials, 2023, vol. 16, no. 4, 1441, 10.3390/ma16041441, 36837071, WOS:000940069700001	9	3.1	DA	3.1
6.	Elena Goldan; Valentin Nedeff; Narcis Barsan; Mihaela Culea; Mirela Panainte-Lehadus; Emilian Mosnegutu; Claudia Tomozei; Dana Chitimus; Oana Irimia, Assessment of Manure Compost Used as Soil Amendment—A Review, Process, Volume11, Issue 4, 2023, DOI 10.3390/pr11041167	9	2.8	DA	2.8
7.	Irimia Oana, Przydatek Grzegorz, Panainte-Lehadus Mirela, Tomozei Claudia, Mosnegutu Emilian, Gawron Piotr, Indicators of Impact Selected Municipal Units on the Air Quality—Case Study from Poland and Romania, 2022, Processes, Volumul 10, Numărul 12, art no.2485, WOS:000902812200001	6	2.8	DA	2.8
8.	Emilian MoşneguŃu, Claudia Tomozei, Mirela Panainte-Lehăduş, Dana ChiŃimuş, Oana Irimia, Geometric Calculation of the Influence of an Oscillating Sieve’s Actuation Mechanism Position on Its Motion, 2022, Processes, Volumul 10, Numărul 9, art. no., 1760 WOS:000857647700001	5	2.8	DA	2.8



9.	Mirela Panainte-Lehăduș, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei, Oana Irimia, Mathematical Perspectives in the Variable Texture Products Cutting Process, 2022, Processes, Volumul 10, Numărul 8, art no. 1603 WOS:000845796500001	6	2.8	DA	2.8
10.	Mirela Panainte-Lehadus, Mihai Vulpe, Valentin Nedeff, Emilian Mosnegutu, Grzegorz Przydatek, Claudia Tomozei, Dana Chitimus, Study on the Method of Household Waste Collection: Case Study, 2022, Applied Sciences, Volumul 12, Numărul 15, art no. 7490, WOS:000838899700001	7	2.5	DA	2.5
11.	Emilian Mosnegutu, Mirela Panainte-Lehadus, Valentin Nedeff, Claudia Tomozei, Narcis Barsan, Dana Chitimus, Marcin Jasinski, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, 2022, Processes, Volumul 10, Numărul 7, art no.1234 WOS:000832223400001	7	2.8	DA	2.8
<b>Total</b>					<b>31.20</b>
<b>ARTICOLE PRIMA AUTOR CU FI &lt; 1</b>					
12.	Mosnegutu, E.F., Panainte-Lehăduș, M.Email Author, Nedeff, F., Tirtoaca, O., Tomozei, C. - Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau(Article), International Journal of Conservation ScienceOpen Access, Volume 11, Issue 1, 2020, Pages 179-188 WOS:000520030000017	5	0.6	DA	0.6
13.	Oana Tirtoaca Irimia, Mirela Panainte-Lehadus *, Claudia Tomozei, Emilian Mosnegutu *, Alexandra-Dana Chitimus, Narcis Barsan, Study Regarding The Measuring Of Particulate Matter PM2.5 And PM10 In Industrial Working Environments, Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry Issue: SCSCC6 - Volume 21, No. 2 (2020) WOS:000546789300012	6	0.3	DA	0.3
14.	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	0.9	DA	0.9
15.	Panainte-Lehăduș, M. , Nedeff, F., Petrovici, A., Telibașa, G.,Feleganu, D.-C., Schnakovszky, C. - Assessing the health and safety risks in the education sector, Environmental Engineering and Management Journal Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 563-572 WOS:000376876400010	6	0.9	DA	0.9
16.	Mirela Panainte, Vassilis Inglezakis, Iuliana Caraman, Mihai C. Nicolescu, Emilian Mosneguțu1, Florin Nedeff - The evolution of eco-labeled products in Romania, Environmental Engineering and Management Journal, 2014, vol. 13, no. 7, pp. 1665-1671 WOS:000344577400014	6	0.9	DA	0.9

17.	Mirela Panainte, Marius Stănilă, Emilian Moşneguţu, Oana Irimia, Doina Capşa, Florin Nedeff, Claudia Tomozei, Ion Joiţa, Gabriela Telibaşa - Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, 2014, vol. 13, no. 7, pp. 1657-1663 WOS:000344577400013	9	0.9	DA	0.9
<b>TOTAL</b>					<b>4.5</b>

**NP =17 (DIN CARE 11 CU FI> 1)**

**FIȘĂ DE CALCUL A FACTORULUI DE IMPACT (FIC)**

Nr. crt.	Articol	Nr. Autori	FI revista	Autor principal	Calcul FIC	Obs comisie
1.	<b>Mirela Panainte</b> , Nedeff Valentin, Bogdan Macarescu, Emilian Mosnegutu, Claudia Tomozei – Studies and research on the environmental impact of noise created by a work station for producing concrete, <i>Metalurgia International</i> , 2009, no. 11, vol. XIV, pp. 73 – 76, ISSN 1582-2214, WOS:000270962400015	5	0	DA	0	
2.	Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Study of a solid particle behaviour in a vertical ascending airflow, <i>Revista De Chimie</i> , vol. 58, no. 12, 2007, pp. 1285-1290, WOS:000252496200025	5	0	NU	0	
3.	Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Researches concerning the aerodynamic sorting of solid particles according to the surface states, <i>Revista De Chimie</i> , vol. 59, no. 3, 2008, pp. 360-365, WOS:000255966000022	5	0	NU	0	
4.	Zichil, Valentin; Panainte, Mirela; Nedeff, Valentine; Mosnegutu, Emilian; Savin, Carmen; Macarescu, Bogdan; Olaru, Ciprian, Considerations about a new method able to determine the breaking up energy at materials with variable texture, <i>METALURGIA INTERNATIONAL</i> , 2009, vol. 14, nr. 6, pag. 15-20, WOS:000265002600003	7	0	NU	0	
5.	Panainte, Mirela; Valentin, Nedeff; Carol, Schnakovszky; Emilian, Mosnegutu, Theoretical study regarding the possibility to determination the grinding energy to products with variable texture, <i>METALURGIA INTERNATIONAL</i> , 2009, vol. 14, nr. 1, pag. 62-67, WOS:000263374100011	4	0	DA	0	
6.	Macarescu, B., Nedeff, V., Capat, C., Panainte, M., Mosnegutu, E., Savin, C., Studies and research regarding efficiency improvement of the district heating system and heat supply in an urban agglomeration in Romania. Study case for the chp plant in BACAU, <i>Metalurgia International</i> , vol. 15, no. 10, 2010, pp. 96-102, WOS:000278729300020	6	0	NU	0	
7.	Barsan, N., Nedeff, V., Mosnegutu, E.F., Panainte, M., Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, <i>Environmental Engineering and Management Journal</i> , vol. 11, no. 12, 2012, pp. 2133-2140, 10.30638/eemj.2012.265, WOS:000314169000003	4	0.9	NU	0.225	
8.	Chitimus, A.D., Nedeff, V., Mosnegutu, E.F., Panainte, M., In situ soil flushing - studies on remediation efficiency of polluted sandy soils with organic acids, <i>Environmental Engineering and Management Journal</i> , vol. 11, no. 12, 2012, pp. 2163-2168, 10.30638/eemj.2012.269, WOS:000314169000007	4	0.9	NU	0.225	
9.	M. Vasilica, D. Capsa, I. Covaci, V. Nedeff, N. Barsan, M. Panainte, A case study on heavy Rainfall in the Central-Southern Moldavia Region, Romania, <i>Environmental Engineering and Management Journal</i> , 2012) 1, vol. 11, no. 12, 2151-2158 WOS:000314169000005	6	0.9	NU	0.15	
10.	Valentin Nedeff, Emilian Moșneguțu, Mirela Panainte, Mihail Ristea, Gabriel Lazăr, Dan Scurtu, Bogdan Ciobanu, Adrian Timofte, Ștefan Toma, Maricel Agop, Dynamics in the boundary layer of a flat particle,	10	4.5	NU	0.45	

	Powder Technology, vol. 221, May 2012, pag. 312–317, 10.1016/j.powtec.2012.01.019, WOS:000303222300040					
11.	Turcu, M., Nedeff, V., Barsan, N., Mosnegutu, E.F., Panainte, M., Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 163-166, 10.30638/eemj.2013.018, WOS:000317803300018	5	0.9	NU	0.18	
12.	Stanila, M.I., Nedeff, V., Chitimus, D., Panainte, M., Mosnegutu, E.F., Optimization of a Mixed Cycle Gas Turbine Titan 130s Type Operating under Partial Loads, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 115-124., 10.30638/eemj.2013.014, WOS:000317803300014	5	0.9	NU	0.18	
13.	Bontas, O., Nedeff, V., Mosnegutu, E.F., Panainte, M., Irimia, O.T., Behaviour of solid particles on a flat oscillating surface, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 17-22, 10.30638/eemj.2013.003, WOS:000317803300003	5	0.9	NU	0.18	
14.	Nedeff, V; Inglezakis, V; Lazar, I ; Panainte, M; Mosnegutu, E; Caraman, I; Lazar, G , Green products theme as learning subject, edulearn13: 5th international conference on education and new learning technologies, Edited by:Chova, LG; Martinez, AL; Torres, IC, Book Series: EDULEARN Proceedings, Pages: 3403-3408, Published: 2013, Document Type:Proceedings Paper, WOS:000346798303060	7	0	NU	0	
15.	Irimia, O.T., Tomozei, C., Panainte, M., Mosnegutu, E.F., Barsan, N., Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 35-39, 10.30638/eemj.2013.005, WOS:000317803300005	5	0.9	NU	0.18	
16.	Mirela Panainte-Lehadus, Valentin Nedeff, Emilian Mosnegutu, Gabriel Lazar, Iuliana Caraman, Claudia Tomozei, Dana Chitimus, Narcis Barsan, 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 978-973-662-978-5, 2014, pp. 393-396, WOS:000346410700072	8	0	DA	0	
17.	Doina Capsa, Mirela Panainte, Dana Chitimus, Marius Stanila, Daniel-Catalin Felegeanu, Accidental pollution with ammonia. Influence of meteorological factors , Environmental Engineering and Management Journal, 2014, vol. 13, no. 7, pp. 1573-1580, WOS:000344577400004	5	0.9	NU	0.18	
18.	Mirela Panainte, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan - Green market: a comparative study in Romania, FRESNIUS ENVIRONMENTAL BULLETIN, 2014, vol. 23, no. 11, pp. 2870-2875 WOS:000349805500013	8	0	DA	0	
19.	Radu, M. , Nedeff, V., Nicolescu, M.C., Danu, M., Panainte-Lehaduș, M., Stănilă, M., Schnakovszky, C - Study on the separation of purge gases from ammonia plant Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578, WOS:000376876400011	7	0.9	NU	0.129	

20.	Felegeanu, D.C., Paraschiv, G., Panainte-Lehăduș, M., Horubet, M., Belciu, M., Radu, M., Turcu, O.L. - A combined method for the analysis and assessment of risks and industrial safety, Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578 WOS:000376876400009	7	0.9	NU	0.129	
21.	Mirela Panainte, Marius Stănilă, Emilian Moșneguțu, Oana Irimia, Doina Capșa, Florin Nedeff, Claudia Tomozei, Ion Joița, Gabriela Telibașa - Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, 1582-9596 2014, vol. 13, nr. 7, pp. 1657-1663, WOS:000344577400013	9	0.9	DA	0.9	
22.	Mirela Panainte, Vassilis Inglezakis, Iuliana Caraman, Mihai C Nicolescu, Emilian Mosneguțu, Florin Nedeff - The evolution of eco-labeled products in Romania Environmental Engineering and Management Journal, 1582-9596 Volume 13, Issue 7, 2014, Pages 1665-1671, 10.30638/eemj.2014.184, WOS:000344577400014	6	0.9	DA	0.9	
23.	Panainte-Lehăduș, M., Nedeff, V., Moșneguțu, E., Caraman, I., Bârsan, N., Production and distribution of green products in Romania, 15th International Multidisciplinary Scientific Geoconference and EXPO, SGEM 2015; Albena; Bulgaria; 18 June 2015 through 24 June 2015, ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II, Volume 2, 2015, Pages 397-404, WOS:000370814500052	5	0	DA	0	
24.	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, 2016, 1582-9596, Vol.15, No. 8, 1873-1878 WOS:000388119400022	7	0.9	NU	0.129	
25.	Florina Fabian, Silvia Fiore, Giuseppe Genon, Deborah Panepinto, Valentin Nedeff1, Mirela Panainte, Preliminary evaluation of the environmental impact of water treatment process, Environmental Engineering and Management Journal, 2016, 1582-9596, Vol.15, No. 8, 1867-1872 WOS:000388119400021	6	0.9	NU	0.150	
26.	Panainte-Lehăduș, M. , Nedeff, F., Petrovici, A., Telibașa, G.,Felegeanu, D.-C., Schnakovszky, C. - Assessing the health and safety risks in the education sector, Environmental Engineering and Management Journal Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 563-572 WOS:000376876400010	6	0.9	DA	0.9	
27.	Panaite-Lehadus, , Olaru, C., Nedeff, V., Olaru, I, Mosnegutu, E., The study behavior of food materials with soft texture subjected to shredding by cutting(Conference Paper)(Open Access), IOP Conference Series: Materials Science and Engineering, Volume 147, Issue 1, 2016 7TH INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING (ACME), DOI10.1088/1757-899X/147/1/012150	5	0	DA	0	
28.	Cochiorca, A., Nedeff, V., Bârsan, N., Moșneguțu, E.F., Panainte-Lehăduș, M., Tomozei, C., Analysis of water quality for two rivers located near a mining area, Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, Volume 19, Issue 4, 2018, Pages 455-463, WOS:000452211700009	6	0.3	NU	0.05	
29.	Claudia Tomozei, Valentin Nedeff, Mirela Panainte, Gabriela Telibașa, Experimenting rigid and elastic	4	0.9	NU	0.225	

	clamping methods of acoustic screens, Environmental Engineering and Management Journal, 1582-9596, 2018, Volume 17, no. 12, pp. 2813-282 WOS:000456043800012					
30.	Tataru, L., Nedeff, V., Barsan, N., Mosnegutu, E.a, Lehadus, M.P., Sandu, I., Chitimus, D., Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Materiale Plastice, Volume 55, December 2018, Pages 680-685, WOS:000454987400048	7	0.6	NU	0.08	
31.	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).	5	0	NU	0	
32.	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).	5	0	NU	0	
33.	Goldan, E., Nedeff, V., Sandu, I.G., Mosnegutu, E., Panainte, M., Study of greenhouse use of biohazard wastewater and manure compost, Revista De Chimie, vol. 70, no. 1, 2019, p. 169-173, WOS:000460428100037	5	0	NU	0	
34.	Tataru, L., Nedeff, V., Mosnegutu, E., Panainte-Lehadus, M., Chitimus, D.A., Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, vol. 20, no. 1, 2019, p. 75-87, WOS:000462758300008	5	0.3	NU	0.06	
35.	Tataru, L., Nedeff, V., Barsan, N., Sandu, A.V., Mosnegutu, E., Panainte-Lehadus, M., Sandu, I., 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	0.6	NU	0.08	
36.	Goldan, E., Nedeff, V., Barsan, N., Mosnegutu, E., Sandu, A.V., Panainte, M., 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, Revista De Chimie, vol. 70, no. 3, 2019, p. 809-813, WOS:000464911600014	6	0	NU	0	
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