



ROMÂNIA
MINISTERUL EDUCAȚIEI
UNIVERSITATEA „VASILE ALECSANDRI” DIN
BACĂU

Calea Mărășești, Nr. 157, Bacău, 600115
Tel. +40-234-542411, fax +40-234-545753
www.ub.ro; e-mail:rector@ub.ro



ANEXA NR. 18-COMISIA INGINERIA MEDIULUI

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

Ș. L. DR. ING. TOMOZEI CLAUDIA MANUELA

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

Standarde minimale necesare și obligatorii	Minim prevăzut	Realizat	Verificat punctaj comisie
Număr total de articole în reviste ISI (NT)	$NT \geq 15$	33	
Număr total de articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență) (NP) Număr lucrări în reviste cu $FI > 1$, NP (cu $FIC > 1$)	$NP \geq 6$	10	
	NP (cu $FIC > 1$) ≥ 4	5	
Factorului de impact, FIC (articole în reviste cotate ISI+brevete)	$FIC \geq 12$	24,6314	
Numărul total de citări (din baza SCOPUS sau ISI WEB OF SCIENCE, excluzându-se autocitările)	$NC \geq 60$	90	

Președinte,

.....

Semnătura,

.....

Membrii comisiei,

1.

.....

2.

.....

3.

.....

4.

.....

NUMĂR TOTAL ARTICOLE ISI (NT)

Nr. crt.	ARTICOL	FI (valabil la momentul depunerii dosarului)	Verificat punctaj comisie
1.	Claudia Tomozei , Arianna Astolfi, Valentin Nedeff, Gabriel Lazar, Noise sources characterization inside and outside a factory, Environmental Engineering and Management Journal, vol. 11, no. 3, p. 701-708; 2012; FI 0,858; DOI:10.30638/eemj.2012.089; WOS:000304498900031;	0,858	
2.	Oana Tirtoaca Irimia, Claudia Tomozei , Mirela Panainte, Emilian Florin Mosnegutu, Narcis Barsan - Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, p. 35 – 40; January 2013; FI 0,858; DOI:10.30638/eemj.2013.005; WOS:000317803300005;	0,858	
3.	Mangenda, HH; Kunyima, KC; Nedeff Valentin, Capsa Doina, Felegeanu Catalin; Tomozei Claudia , Potential environmental impacts of geo-materials exploitation in the City of Kinshasa, Democratic Republic of Congo, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1605-1609, 2014, FI 0,858; DOI:10.30638/eemj.2014.178; WOS:000344577400008;	0,858	
4.	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, vol. 13, no. 7, p. 1657-1664, 2014; FI 0,858; ISSN 1559-1842; DOI:10.30638/eemj.2014.183; WOS:000344577400013;	0,858	
5.	Claudia Tomozei , Florin Nedeff, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1743-1749; 2014; DOI:10.30638/eemj.2014.194; WOS:000344577400024;	0,858	
6.	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, p. 61-66; 2017, FI 0; DOI: dx.doi.org/10.19261/cjm.2017.387; WOS:000404526200006;	0	
7.	Claudia Tomozei , Florin Nedeff, Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal, vol. 15, no. 3, p. 545-552; 2016; DOI: 10.30638/eemj.2016.059; WOS:000376876400008;	0,858	
8.	Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, Florin Nedeff, Ricardo Hernandez, Claudia Tomozei , Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain, Environmental Engineering and Management Journal, vol. 15, no. 7, p. 1617-1628, July 2016; FI 0,858; DOI:10.30638/eemj.2016.174; WOS:000384472000021;	0,858	
9.	Alina Cochiorca, Valentin Nedeff, Narcis Barsan, Emilian Florin Mosnegutu, Mirela Panainte-Lehadus, Claudia Tomozei , Analysis of water quality for two rivers located near a mining area, Scientific Study &	0	

	Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 19, no. 4, p. 455 – 463, 2018, FI 0; https://pubs.ub.ro/?pg=revues&rev=csc6&num=201804&vol=4&aid=4800 ; WOS:000452211700009;		
10.	Claudia Tomozei , Valentin Nedeff, Mirela Panainte, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, vol. 17, no. 12, p. 2881-2888, 2018, ISSN: 1582-9596; https://eemj.eu/index.php/EEMJ/article/view/3752 ; WOS:000456043800012;	0,858	
11.	Oana-Maria Muscalu (Plescan), Florin-Marian Nedeff, Elena Partal, Emilian Mosnegutu, Mirela Panainte Lehadus, Oana Irimia, Claudia Tomozei, Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol 20, no. 4, 2019, p. 585-595; FI 0; https://pubs.ub.ro/?pg=revues&rev=csc6&num=201904&vol=4&aid=4958 ; WOS:000502846500008;	0	
12.	Temea Antonina, Nedeff Valentin, Panainte-Lehadus Mirela, Tomozei Claudia , Comparison between characteristics of products with ecolabel and the ones without ecolabel, Revista de Chimie, Bucharest, vol. 70, no. 4, p. 1293-1297; ISSN 2537-5733, 2019, FI 0; https://doi.org/10.37358/RC.19.4.7112 ; WOS:000469387200037;	0	
13.	Mirela Panainte Lehadus, Valentin Nedeff, Narcis Barsan, Andrei Victor Sandu, Emilian Mosnegutu, Claudia Tomozei, Oana Irimia, Gabriela Andrioi, Ion Sandu, Monitoring the Particulate Matter (PM10) emissions from Bacau City Thermo-Energetic Industry, Revista de Chimie, Bucharest, ISSN 2537-5733, 2019, 70, no. 8, p. 2869-2872; FI 0; https://doi.org/10.37358/RC.19.8.7446 ; WOS:000489685600035;	0	
14.	Tirtoaca (Irimia) Oana, Mirela Panainte Lehadus, Nedeff Valentin, Sandu Ion, Tomozei Claudia , Cretu Valentin Vasile; Sandu Andrei Victor, Experimental results regarding the groundwater quality in Bacau City, Romania, Revista de Chimie, Bucharest, vol. 70, no. 9, p. 3378-3382, FI 0; https://doi.org/10.37358/RC.19.9.7553 ; WOS:000489958900060;	0	
15.	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, Revista de Chimie, Bucharest, vol. 70, no. 10, 2019, p. 3570-3574; FI 0; https://doi.org/10.37358/RC.19.10.7598 ; WOS:000500795900025;	0	
16.	Chitimus Alexandra Dana, Nedeff Florin Marian, Sandu Ion, Radu Cristian, Mosnegutu Emilian, Barsan Narcis, Sandu Ioan Gabriel, Tomozei Claudia , Absorption capacity of copper and lead in the case of Phragmites australis plant species, Revista de Chimie, vol. 70, no. 11, p. 4035-4039, 2019; FI 0; https://doi.org/10.37358/RC.70.19.11.7697 ; WOS:000503185300054;	0	
17.	Mosnegutu Emilian Florin, Panainte-Lehadus Mirela, Nedeff Florin, Tirtoaca Oana, Tomozei Claudia , Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, International Journal of Conservation Science, vol. 11, no. 1, p. 179-188; 2020; https://ijcs.ro/public/IJCS-20-17_Mosnegutu.pdf ; WOS:000520030000017;	0	
18.	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, vol. 21, no. 2, p. 271 – 278, 1582-540X, 2020; FI 0;	0	

	https://pubs.ub.ro/?pg=revues&rev=csc6&num=202002&vol=2&aid=5111 ; WOS:000546789300012;		
19.	Vulpe Mihai, Valentin Nedeff, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Barsan Narcis, Tomozei Claudia , Study of waste management in different areas from Romania, Fresenius Environmental Bulletin, vol. 30, no. 03, p. 2686-2691, 2021; FI 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000629181400044;	0,618	
20.	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, vol. 30, no. 5, p. 5521-5528, 2021; IF 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000658173700091;	0,618	
21.	Fabian Florina, Nedeff Valentin, Barsan Narcis, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Cotirlet Paul Claudiu, Chitimus Dana, Tomozei Claudia , Irimia Oana, Estimating the carbon footprint in water treatment case study the treatment plants from Bacau Romania and Turin Italy, Fresenius Environmental Bulletin, vol 30, no. 10, 2021; FI 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000704955000039;	0,618	
22.	Chitimus Alexandra Dana, Nedeff Valentin, Muscalu (Plescan) Oana, Mosnegutu Emilian, Barsan Narcis, Panainte-Lehadus, Tomozei Claudia , 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; FI 1,134; https://doi.org/10.30955/gnj.003678 ; WOS:000709770400014;	1,134	
23.	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, 14, 665. FI 3,889; https://doi.org/10.3390/su14020665 ; WOS:000757668100001;	3,889	
24.	Zaharia Andrei, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chițimus, Claudia Tomozei , Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, vol. 31, no. 08B, p. 8742 - 8751, aug 2022; FI 0,618; https://www.prt-parlar.de/download_feb_2022/ ; WOS:000850209000019;	0,618	
25.	Elena Goldan, Valentin Nedeff, Narcis Barsan, Mihaela Culea, Claudia Tomozei , Mirela Panainte-Lehadus, Emilian Mosnegutu, Evaluation of the use of sewage sludge biochar as a soil amendment—A review, Sustainability, vol. 14, no. 5309, 2022, FI 3,889; https://doi.org/10.3390/su14095309 ; WOS:000794497400001;	3,889	
26.	Mosnegutu Emilian, Panainte-Lehadus Mirela, Nedeff Valentin, Tomozei Claudia , Barsan, Narcis, Chitimus Dana, Jasinski Marcin, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, vol. 10, no. 1234, 2022, FI 3,328; https://doi.org/10.3390/pr10071234 ; WOS:000832223400001;	3,328	
27.	Mirela Panainte-Lehadus, Mihai Vulpe, Valentin Nedeff, Emilian Mosnegutu, Grzegorz Przydatek, Claudia Tomozei , Dana Chitimus, Study on the method of household waste collection: Case Study, Applied Science, vol. 12, no. 15, 7490, 2022; FI 2,838; https://doi.org/10.3390/app12157490 ; WOS:000838899700001;	2,838	
28.	Mirela Panainte-Lehadus, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei , Oana Irimia, Mathematical perspectives in the variable texture products cutting process, Processes, vol. 10, no. 8, 1603, 2022; FI 3,328; https://doi.org/10.3390/pr10081603 ; WOS:000845796500001;	3,328	
29.	Emilian Moșneguțu, Claudia Tomozei , Mirela Panainte-Lehadus, Dana Chitimus, Oana Irimia, Geometric calculation of the influence of an	3,328	

	oscillating sieve's actuation mechanism position on its motion, Processes, vol. 10, no. 9, p. 1760; 2022; FI 3,328; https://doi.org/10.3390/pr10091760 ; WOS:000857647700001;		
30.	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, Processes, vol. 10, no. 12, 2485; 2022; FI 3,328; https://doi.org/10.3390/pr10122485 ; WOS:000902812200001;	3,328	
31.	Constantin Plăcintă, Sergiu Stanciu, Mirela Panainte-Lehadus, Emilian Mosnegutu, Florin Nedeff, Valentin Nedeff, Claudia Tomozei , Tudor-Cristian Petrescu, Maricel Agop, Theoretical and experimental designs on several mechanical properties of CuAlZn shape memory alloys used in the process industry, Materials, vol. 16, no. 4, 1441, 2023; FI 3,748; https://doi.org/10.3390/ma16041441 ; WOS:000940069700001;	3,748	
32.	Oana Irimia, Mirela Panaite-Lehadus, Claudia Tomozei , Emilian Mosnegutu, Grzegorz Przydatek, Origin-destination traffic survey—Case study: data analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 4975, 2023; FI 3,889; https://doi.org/10.3390/su15064975 ; WOS:000967792200001;	3,889	
33.	Goldan Elena; Nedeff Valentin; Barsan Narcis; Culea Mihaela; Panainte-Lehadus Mirela; Mosnegutu Emilian; Tomozei Claudia ; Chitimus Dana; Irimia Oana, Assessment of manure compost used as soil amendment-A review, Process, vol. 11, no. 4, 1167; 2023; FI 3,328; DOI: 10.3390/pr11041167; eISSN 2227-9717; WOS:000977626500001;	3,328	

NT =33

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

NR. CRT.	ARTICOL	OBSERVAȚII	FI (valabil la momentul depunerii dosarului)	FI>1	Verificat punctaj comisie
1.	Claudia Tomozei , Arianna Astolfi, Valentin Nedeff, Gabriel Lazar, Noise sources characterization inside and outside a factory, Environmental Engineering and Management Journal, vol. 11, no. 3, p. 701-708; 2012; FI 0,858; DOI:10.30638/eemj.2012.089; WOS:000304498900031;	prim autor	0,858	NU	
2.	Claudia Tomozei , Florin Nedeff, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1743-1749; 2014; DOI:10.30638/eemj.2014.194; WOS:000344577400024;	prim autor	0,858	NU	
3.	Claudia Tomozei , Florin Nedeff, Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal, vol. 15, no. 3, p. 545-552; 2016; DOI: 10.30638/eemj.2016.059; WOS:000376876400008	prim autor	0,858	NU	
4.	Claudia Tomozei , Valentin Nedeff, Mirela Panainte, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, vol. 17, no. 12, p. 2881-2888, 2018, ISSN: 1582-9596; https://eemj.eu/index.php/EEMJ/article/view/3752 ; WOS:000456043800012;	prim autor	0,858	NU	
5.	Zaharia Andrei, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Emilian Moșneguțu, Dana Chițimus, Claudia Tomozei , Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, vol. 31, no. 08B, p. 8742 - 8751, feb 08B 2022, aug 2022; FI 0,618; https://www.prt-parlar.de/download_feb_2022 ; WOS:000850209000019;	adresă corespundență	0,618	NU	
6.	Mirela Panainte-Lehăduș, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei , Oana Irimia, Mathematical perspectives in the variable texture products cutting process, Processes, vol. 10, no. 8, 1603; 2022; FI 3,328; https://doi.org/10.3390/pr10081603 ; WOS:000845796500001;	adresă corespundență	3,328	DA	

7.	Emilian Moşneguţu, Claudia Tomozei , Mirela Panainte-Lehadus, Dana Chitimus, Oana Irimia, Geometric calculation of the influence of an oscillating sieve's actuation mechanism position on its motion, Processes, vol. 10, no. 9, p. 1760; 2022; FI 3,328; https://doi.org/10.3390/pr10091760 ; WOS:000857647700001;	adresă coresponde nță	3,328	DA	
8.	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, Processes, vol. 10, no. 12, 2485; 2022; FI 3,328; https://doi.org/10.3390/pr10122485 ; WOS:000902812200001;	adresă coresponde nță	3,328	DA	
9.	Constantin Plăcintă, Sergiu Stanciu, Mirela Panainte-Lehadus, Emilian Mosnegutu, Florin Nedeff, Valentin Nedeff, Claudia Tomozei , Tudor-Cristian Petrescu, Maricel Agop, Theoretical and experimental designs on several mechanical properties of CuAlZn shape memory alloys used in the process industry, Materials, vol. 16, no. 4, 1441; 2023; FI 3,748; https://doi.org/10.3390/ma16041441 ; WOS:000940069700001;	adresă coresponde nță	3,748	DA	
10	Oana Irimia, Mirela Panainte-Lehadus, Claudia Tomozei , Emilian Mosnegutu, Grzegorz Przydatek, Origin-destination traffic survey—Case study: data analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 4975, 2023; FI 3,889; https://doi.org/10.3390/su15064975 ; WOS:000967792200001;	adresă coresponde nță	3,889	DA	

NP =10 (DIN CARE 5 CU FI> 1)

FIȘĂ DE CALCUL A FACTORULUI DE IMPACT (FIC)

NR. CR T.	ARTICOL	FI (valabil la momentul depunerii dosarului)	AUTOR PRINCIPAL (prim autor sau autor de corespondență)	NR. AUTORI	FI/NR. AUTORI	Verificat punctaj comisie
1.	Claudia Tomozei , Arianna Astolfi, Valentin Nedeff, Gabriel Lazar, Noise sources characterization inside and outside a factory, Environmental Engineering and Management Journal, vol. 11, no. 3, p. 701-708; 2012; FI 0,858; DOI:10.30638/eemj.2012.089; WOS:000304498900031;	0,858	Da	4	0,858	
2.	Oana Tirtoaca Irimia, Claudia Tomozei , Mirela Panainte, Emilian Florin Mosnegutu, Narcis Barsan, Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, p. 35 – 40; 2013; FI 0,858; DOI:10.30638/eemj.2013.005; WOS:000317803300005;	0,858	Nu	5	0,1716	
3.	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, vol. 13, no. 7, p. 1657-1664, 2014; FI 0,858; ISSN 1559-1842; DOI:10.30638/eemj.2014.183; WOS:000344577400013;	0,858	Nu	9	0,095	
4.	Claudia Tomozei , Florin Nedeff, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1743-1749; 2014; DOI:10.30638/eemj.2014.194; WOS:000344577400024;	0,858	Da	6	0,858	
5.	Mangenda HH, Kunyima KC, Nedeff Valentin, Capsa Doina, Felegeanu Catalin, Tomozei Claudia , Potential environmental impacts of geo-materials exploitation in the City of Kinshasa, Democratic Republic of Congo, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1605-1609, 2014, FI=0,858; DOI:10.30638/eemj.2014.178; WOS:000344577400008;	0,858	Nu	6	0,143	
6.	Claudia Tomozei , Florin Nedeff, Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities,	0,858	Da	6	0,858	

	Environmental Engineering and Management Journal, vol. 15, no. 3, p. 545-552; 2016; DOI: 10.30638/eemj.2016.059; WOS:000376876400008;					
7.	Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, Florin Nedeff, Ricardo Hernandez, Claudia Tomozei , Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain, Environmental Engineering and Management Journal, vol. 15, no. 7, p. 1617-1628, July 2016; FI 0,858; DOI:10.30638/eemj.2016.174; WOS:000384472000021;	0,858	Nu	6	0,143	
8.	Claudia Tomozei , Valentin Nedeff, Mirela Panainte, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, vol. 17, no. 12, p. 2881-2888, 2018, ISSN: 1582-9596; https://eemj.eu/index.php/EEMJ/article/view/3752 ; WOS:000456043800012;	0,858	Da	6	0,858	
9.	Vulpe Mihai, Valentin Nedeff, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Barsan Narcis, Tomozei Claudia , Study of waste management in different areas from Romania, Fresenius Environmental Bulletin, vol. 30, no. 03, p. 2686-2691, 2021; FI 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000629181400044;	0,618	Nu	6	0,103	
10.	Mirela Panainte-Lehadus, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Antonina Temea, Claudia Tomozei , Oana Irimia, Dana Chitimus, Evaluation on consumer attitudes towards the purchase of eco-labeled products, Fresenius Environmental Bulletin, vol. 30, no. 5, p. 5521-5528, 2021; IF 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000658173700091;	0,618	Nu	8	0,0772	
11.	Fabian Florina, Nedeff Valentin, Barsan Narcis, Panainte-Lehadus Mirela, Mosnegutu Emilian Florin, Cotirlet Paul Claudiu, Chitimus Dana, Tomozei Claudia , Irimia Oana, Estimating the carbon footprint in water treatment case study the treatment plants from Bacau Romania and Turin Italy, Fresenius Environmental Bulletin, vol 30, no. 10, 2021; FI 0,618; https://www.prt-parlar.de/download_feb_2021/ ; WOS:000704955000039;	0,618	Nu	9	0,0686	
12.	Chitimus Alexandra Dana, Nedeff Valentin, Muscalu (Plescan) Oana, Mosnegutu Emilian, Barsan Narcis, Panainte-Lehadus, Tomozei Claudia , 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; FI 1,134; https://doi.org/10.30955/gnj.003678 ; WOS:000709770400014;	1,134	Nu	7	0,162	

13.	Hanen Filali, Narcis Barsan, Dalila Souguir, Valentin 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, 14, 665. FI 3,889; https://doi.org/10.3390/su14020665 ; WOS:000757668100001;	3,889	Nu	6	0,648
14.	Elena Goldan, Valentin Nedeff, Narcis Barsan, Mihaela Culea, Claudia Tomozei , Mirela Panainte-Lehadus, Emilian Mosnegutu, Evaluation of the use of sewage sludge biochar as a soil amendment—A review, Sustainability, vol. 14, no. 5309, 2022, FI 3,889; https://doi.org/10.3390/su14095309 ; WOS:000794497400001;	3,889	Nu	7	0,555
15.	Mosnegutu Emilian, Panainte-Lehadus Mirela, Nedeff Barsan, Narcis, Chitimus Dana, Jasinski Marcin, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, vol. 10, no. 1234, 2022, FI 3,328; https://doi.org/10.3390/pr10071234 ; WOS:000832223400001;	3,352	Nu	7	0,478
16.	Mirela Panainte-Lehadus, Mihai Vulpe, Valentin Nedeff, Emilian Mosnegutu, Grzegorz Przydatek, Claudia Tomozei , Dana Chitimus, Study on the method of household waste collection: Case Study, Applied Science, vol. 12, no. 15, 7490, 2022; FI 2,838; https://doi.org/10.3390/app12157490 ; WOS:000838899700001;	2,838	Nu	7	0,405
17.	Mirela Panainte-Lehaduș, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei , Oana Irimia, Mathematical perspectives in the variable texture products cutting process, Processes, vol. 10, no. 8, 1603, 2022; FI 3,328; https://doi.org/10.3390/pr10081603 ; WOS:000845796500001;	3,352	Autor corespondenta	6	3,352
18.	Emilian Moșneguțu, Claudia Tomozei , Mirela Panainte-Lehadus, Dana Chitimus, Oana Irimia, Geometric calculation of the influence of an oscillating sieve's actuation mechanism position on its motion, Processes, vol. 10, no. 9, p. 1760; 2022; FI 3,328; https://doi.org/10.3390/pr10091760 ; WOS:000857647700001;	3,352	Autor corespondenta	5	3,352
19	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, Processes, vol. 10, no. 12, 2485; 2022; FI 3,328; https://doi.org/10.3390/pr10122485 ; WOS:000902812200001;	3,352	Autor corespondenta	6	3,352
20.	Zaharia Andrei, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Emilian Mosneguțu, Dana Chițimus, Claudia Tomozei ,	0,618	Autor corespondenta	7	0,088

	Ultrafiltration technology application in the industrial wastewater treatment processes, Fresenius Environmental Bulletin, vol. 31, no. 08B, p. 8742 - 8751, aug 2022; FI 0,618; https://www.prt-parlar.de/download_feb_2022 ; WOS:000850209000019;					
21.	Constantin Plăcintă, Sergiu Stanciu, Mirela Panainte-Lehadus, Emilian Mosnegutu, Florin Nedeff, Valentin Nedeff, Claudia Tomozei , Tudor-Cristian Petrescu, Maricel Agop, Theoretical and experimental designs on several mechanical properties of CuAlZn shape memory alloys used in the process industry, Materials, vol. 16, no. 4, 1441, 2023; FI 3,748; https://doi.org/10.3390/ma16041441 ; WOS:000940069700001;	3,748	Autor corespondenta	9	3,748	
22.	Oana Irimia, Mirela Panaite-Lehadus, Claudia Tomozei , Emilian Mosnegutu, Grzegorz Przydatek, Origin-destination traffic survey—Case study: data analyse for Bacau Municipality, Sustainability, vol. 15, no. 6, 4975, 2023; FI 3,889; https://doi.org/10.3390/su15064975 ; WOS:000967792200001;	3,889	Autor corespondenta	5	3,889	
23	Goldan Elena; Nedeff Valentin; Barsan Narcis; Culea Mihaela; Panainte-Lehadus Mirela; Mosnegutu Emilian; Tomozei Claudia ; Chitimus Dana; Irimia Oana, Assessment of manure compost used as soil amendment-A review, Process, vol. 11, no. 4, 1167; 2023; FI 3,328; DOI: 10.3390/pr11041167; eISSN 2227-9717; WOS:000977626500001;	3,328	Nu	9	0,369	

FIC=24,6314

NUMĂRUL CITĂRILOR DIN BAZA DE DATE SCOPUS SAU ISI WEB OF SCIENCE (NC)



Scopus



Citation overview

Self citations of selected authors are excluded. ✕

[Back to author results](#)

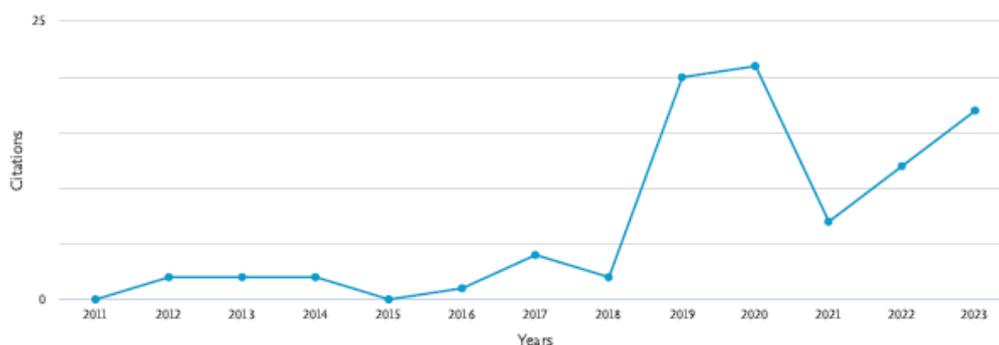
[Export](#) [Print](#)

This is an overview of citations for this author.

Author *h*-index: 6 [View *h*-graph](#)

41 Cited Documents from "Tomozei, Claudia" [+ Add to list](#)

Date range: 2011 to 2023 Exclude self citations of selected author Exclude self citations of all authors Exclude citations from books [Update](#)



Page Remove

Documents	Citations													Subtotal	>2023	Total	
	<2011	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022				2023
<input type="checkbox"/> 1 Assessment of Manure Compost Used as Soil Amendment—A Review 2023															0	0	
<input type="checkbox"/> 2 Theoretical and Experimental Designs on Several Mechanical P... 2023															2	2	2
<input type="checkbox"/> 3 Geometric Calculation of the Influence of an Oscillating Sie... 2022															0	0	0
<input type="checkbox"/> 4 Mathematical Perspectives in the Variable Texture Products C... 2022															1	1	1
<input type="checkbox"/> 5 Study on the Method of Household Waste Collection: Case Stud... 2022															0	0	0
<input type="checkbox"/> 6 Extraction of Mathematical Correlations Applied in the Aerod... 2022															0	0	0
<input type="checkbox"/> 7 Evaluation of the Use of Sewage Sludge Biochar as a Soil Ame... 2022															2	5	7
<input type="checkbox"/> 8 Applications of the GIS and Remote Sensing methods in the La... 2022															0	0	0
<input type="checkbox"/> 9 Studies and research on the possibilities of implementing et... 2022															0	0	0
<input type="checkbox"/> 10 Applications of the Ultrafiltration Membranes in the Industr... 2022															0	0	0
<input type="checkbox"/> 11 Greywater as an Alternative Solution for a Sustainable Manag... 2022															3	7	10
<input type="checkbox"/> 12 Influence of fertilization systems to the soil inorganic com... 2021															0	0	0
<input type="checkbox"/> 13 Evaluation on consumer attitudes towards to the purchase of ... 2021															0	0	0

Documents	Citations														Subtotal	>2023	Total	
		<2011	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022				2023
	Total	0	0	2	2	2	0	1	4	2	20	21	7	12	17	90	0	90
<input type="checkbox"/> 14	Public transport in Bacau City	2020														0		0
<input type="checkbox"/> 15	Evaluation of the potential of wind energy as a source of ell...	2020												1		1		1
<input type="checkbox"/> 16	Study regarding the measuring of particulate matter pm2...	2020														0		0
<input type="checkbox"/> 17	Waste management evaluation in the context of sustainable de...	2020											1	1		2		2
<input type="checkbox"/> 18	Correlations on the air nitrogen oxides pollutant concentrat...	2020														0		0
<input type="checkbox"/> 19	Comparison between characteristics of products with ecolabel...	2019														0		0
<input type="checkbox"/> 20	Mathematical correlations of the variable parameters specifi...	2019										1				1		1
<input type="checkbox"/> 21	Influence of soil fertilization systems on chemical properti...	2019										1	1			2		2
<input type="checkbox"/> 22	Absorption capacity of copper and lead in the case of Phragm...	2019										1				1		1
<input type="checkbox"/> 23	Influence Of soil fertilization systems On soil characterist...	2019										1				1		1
<input type="checkbox"/> 24	Evaluation of heavy metals and organic compounds in water sa...	2019									1	3	1	1		6		6
<input type="checkbox"/> 25	Experimental results regarding the groundwater quality in Ba...	2019														0		0
<input type="checkbox"/> 26	Monitoring the particulate matter (PM10) emissions from Baca...	2019												1		1		1
<input type="checkbox"/> 27	Experimenting rigid and elastic clamping methods of acoustic...	2018														0		0
<input type="checkbox"/> 28	Analysis of water quality for two rivers located near a mini...	2018									4	4	1			9		9
<input type="checkbox"/> 29	Considerations on stress triaxiality variation for 2P armor ...	2017														0		0
<input type="checkbox"/> 30	Experimental results regarding the groundwater quality in ru...	2017														0		0
<input type="checkbox"/> 31	Measurement of the noise level of the tailors	2017										1				1		1
<input type="checkbox"/> 32	A perspective for poor wastewater infrastructure regions: A ...	2017									1	7	4	1	1	14		14
<input type="checkbox"/> 33	Optimization of some alternatives to noise barriers as noise...	2016							1			1	2			4		4
<input type="checkbox"/> 34	Impacts of outdoor noise on teaching and learning activities	2016							1		1					2		2
<input type="checkbox"/> 35	Mathematical modelling of sound pressure level attenuation t...	2014						1	1		1	1	1			5		5
<input type="checkbox"/> 36	Potential environmental impacts of geo-materials exploitatio...	2014														0		0
<input type="checkbox"/> 37	Monitoring emissions from large combustion plants	2014														0		0
<input type="checkbox"/> 38	Efficiency of filters with different filtering materials: Co...	2013				1					5	3	1			10		10
<input type="checkbox"/> 39	Design and implementation of a fixed system for video-acoust...	2012				1										1		1
<input type="checkbox"/> 40	Noise sources characterization inside and outside a factory	2012			1	2				1	1	1	1		1	8		8
<input type="checkbox"/> 41	Studies and research on the environmental impact of noise cr...	2009			1											1		1

Display: 100 results per page

***Au fost eliminate autocitarile din rezultatul extras din baza Scopus**

NC= 90

1. Claudia Tomozei, Arianna Astolfi, Valentin Nedeff, Gabriel Lazar, Noise sources characterization inside and outside a factory, Environmental Engineering and Management Journal, vol. 11, no. 3, p. 701-708; 2012; FI 0,858; DOI:10.30638/eemj.2012.089; WOS:000304498900031;

1.	Qi Jie Kwong, Nursyifaasahirah Terbizi, Normaisarah Nordin, Emma Marinie Ahmad Zawawi, Azli Abd Razak and Jamalunlaili Abdullah, Heat Stress and Noise Exposure Levels in a Manufacturing Plant, Pertanika Journal of Science & Technology, Volume 31, Issue 2, March 2023; ISSN 0128-7680; http://dx.doi.org/10.47836/pjst.31.2.16 ; WOS:000960624200016;
2.	Bukola Olalekan Bolaji, Mabel Usunobun Olanipekun, Adefemi Adeyemi Adekunle, Ademola Ezra Adeleke, An analysis of noise and its environmental burden on the example of Nigerian manufacturing companies Journal of Cleaner Production, Journal of Cleaner Production, Volume 172, 20 January 2018, ISSN 0959-6526; Pages 1800-1806; 10.1016/j.jclepro.2017.12.007; WOS:000423002200047;
3.	Simion Sorin, Kovacs Mariu, Toth, Lorand, Ilie, Cosmin, Gireada, Andrei, Workers exposure to noise in surface extractive industry, Environmental Engineering And Management Journal, Volume16, Issue6, Page1367-1372, DOI10.30638/eemj.2017.147; WOS:000409071500018;
4.	J Iannone, Gerardo; Guarnaccia, Claudio; Quartieri, Joseph, Speed Distribution Influence In Road Traffic Noise Prediction, Environmental Engineering And Management Journal, 493, 501 MAR 2013, 12, 3, http://dx.doi.org/10.30638/eemj.2013.061 , WOS:000320144200010
5.	Petrescu, Valentin; Borza, Sorin, RESEARCH ON NOISE POLLUTION IN DENSELY POPULATED URBAN AREAS ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, FEB 2013, 122, p. 409-415, http://dx.doi.org/10.30638/eemj.2013.051 , WOS:000317854400030;
6.	Nadabaica, Dumitru-Cristinel; Bibire, Luminita; Andrioai, Gabriela, STUDY OF THE ADVANTAGES OF PREDICTIVE MAINTENANCE IN THE MONITORING OF ROLLING BEARINGS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, DEC 2012, 11, 12, p. 2233-2238; http://dx.doi.org/10.30638/eemj.2012.276 ; WOS:000314169000014;
7.	Bogusławski, G., Kopania, J.M., Gaj, P., Wójciak, K Determination of sound power level by using a microphone array and conventional methods, Vibrations in Physical Systems, 30(1),2019139, 2019; ISSN 08606897;
8.	Jakubek, B., Barczewski, R., Determination of the sound power level of modular machines with cyclic operation mode – Case study, Vibrations in Physical Systems, 31(1),2020101, 2020; ISSN 08606897;
9.	Kwong, Q.J., Terbizi, N., Nordin, N., (...), Razak, A.A., Abdullah, J., Heat Stress and Noise Exposure Levels in a Manufacturing Plant, Pertanika Journal of Science and Technology, 31(2), pp. 961-975; 2023; DOI 10.47836/pjst.31.2.16;

2. Nedeff V., Mosnegutu E., Tomozei C., Pal A., Samoila F., Design and implementation of a fixed system for video-acoustic monitoring of urban noise pollution 2012, 23rd DAAAM International Symposium on Intelligent Manufacturing and Automation 2012, 835-840

10.	Tronac, A., Dracea, D., Mustata, S., Manole, E.; Dragomir, C.; Petrescu, N.; Mircea, S., Postamentel, M, Influence of construction activity on academic process, Procedia Engineering, 69, pp. 1397-1404; 2014; DOI 10.1016/j.proeng.2014.03.134;
-----	---

3. Oana Tirtoaca Irimia, Claudia Tomozei, Mirela Panainte, Emilian Florin Mosnegutu, Narcis Barsan, Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, p. 35 – 40; 2013; FI 0,858; DOI:10.30638/eemj.2013.005; WOS:000317803300005;

11.	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, MAR 2021, 20, 3, p. 355-360, WOS:000637746900004
12.	Barsan, Narcis; Zaharia, Andrei; Chitimus, Dana; Mosnegutu, Emilian; Florin, Nedeff; Rusu, Dragos; Untila, Carolina; Capsa, Doina, Filtration Theory and Techniques. A Short Review on the Filtration Process, 7TH INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING (EE&AE), 7th International Conference on Energy Efficiency

	and Agricultural Engineering (EE and AE), NOV 12-14, 2020, Ruse, BULGARIA, IEEE, WOS:000659299700017
13.	Tataru, Laurentiu; Barsan, Narcis; Nedeff, Florin Marian; Sandu, Ion; Mosnegutu, Emilian; Chitimus, Dana Alexandra; Cochiorca, Alina; Sandu, Ioan Gabriel, Treatment Study of Brook Water by Using the Ultrafiltration Pilot with Polymeric Membrane, MATERIALE PLASTICE, DEC 2019, 56, 4, p. 986-994, WOS:000509920700045;
14.	Barsan, Narcis; Chitimus, Dana; Nedeff, Florin Marian; Sandu, Ion; Lehadus, Mirela Panainte; Sandu, Andrei Victor; Tartoaca, Oana Irimia, Experimental Application of a Laboratory SBR Plant Used for Domestic Wastewater Treatment, REVISTA DE CHIMIE, NOV 2019, 70, 11, p.4098-4101, WOS:000503185300067
15.	Cochiorca, Alina; Barsan, Narcis; Nedeff, Florin Marian; Sandu, Ion; Mosnegutu, Emilian Florin; Lehadus, Mirela Panainte; Chitimus, Dana; Irimia, Oana; Sandu, Ioan Gabriel, Surface Water Quality Assessment from a Mining Area Case study, Groapa Burlacu lake, Targu Ocna, Romania, REVISTA DE CHIMIE, OCT 2019, 70, 10, p. 3678- 3680, WOS:000500795900049;
16.	Dascalu, Mihaela-Elena; Nedeff, Florin; Mosnegutu, Emilian; Sandu, Ioan Gabriel; Antonio Lopez-Ramirez, Juan, Hydrodynamic Surface Evaluation of a Polymeric Reverse Osmosis Membrane Using a Crossflow Cell, REVISTA DE CHIMIE, MAR 2019, 70, 3, p. 866-870, WOS:000464911600024;
17.	Tataru, Laurentiu; Nedeff, Valentin; Barsan, Narcis; Sandu, Andrei Victor; Mosnegutu, Emilian; Panainte-Lehadus, Mirela; Sandu, Ion, Applications of Polymeric Membranes Ultrafiltration Process on the Retention of Bentonite Suspension, MATERIALE PLASTICE, MAR 2019, 56, 1, p. 97-102, WOS:000464604100020;
18.	Barsan, N., Chitimus, A.D., Muscalu, O.-M., Nedeff F-M; Sandu I, Partal E., Sandu, A.V., Lehadus, M.P, Influence of fertilizers on soils used for oleaginous crop, Revista de Chimie, 71(1), pp. 233-238, 2020; DOI 10.37358/RC.20.1.7838;
19.	Hua, B., Xiong, H., Wang, Z., Yang, J.; Zhang, S.; Wang, Z., Deng, B., Physico-chemical processes, Water Environment Research, 86(10), pp. 992-1025; 2014; DOI 10.2175/106143014X14031280667453;
20.	Cochiorca, A., Nedeff, V., Barsan, N., Sandu I, Mosnegutru E.; Chitimus d.; Sandu, A.V., Irimia, O., Surface water and groundwater quality evaluation in a mining area, Revista de Chimie, 71(6), pp. 124-131, 2020; DOI 10.37358/RC.20.6.8177;

4. Claudia Tomozei, Florin Nedeff, Gigel Paraschiv, Oana Irimia, Greta Ardeleanu, Alina Conțu Petrovici, Mathematical modelling of sound pressure level attenuation transmitted by an acoustic screen in industrial environment, Environmental Engineering and Management Journal, vol. 13, no. 7, p. 1743-1749; 2014; DOI:10.30638/eemj.2014.194; WOS:000344577400024;

21.	Moravec, Marek; Badida, Miroslav; Mikusova, Nikoleta; Sobotova, Lydia; Svajlenka, Jozef; Dzuro, Tibor, Proposed Options for Noise Reduction from a Wastewater Treatment Plant: Case Study, SUSTAINABILITY, FEB 2021, 13, 4, p. 2409, WOS:000624806800001,
22.	Dascalu, Mihaela-Elena; Nedeff, Florin; Sandu, Ion; Mosnegutu, Emilian; Sandu, Andrei Victor; Antonio Lopez-Ramirez, Juan, Mathematical Model Regarding the Application of the Excitation-Emission Matrix Spectroscopy in Nanofiltration Process Using Humic Acid with a TiO2 Ceramic Membrane, MATERIALE PLASTICE, DEC 2019, 56, 4, p. 995- 1002, WOS:000509920700046;
23.	Korka, Z. I.; Cojocar, V.; Gillich, N.; Miclosina, C. O., Comparative Assessment of Noise Reduction in Helical Gearboxes, JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES, JUN 2017, 5, 3, p. 263-268, WOS:000404371400008;
24.	Racasan, Adina; Munteanu, Calin; Topa, Vasile; Pacurar, Claudia; Hebedean, Claudia, ANALYSIS AND IMPROVEMENT TECHNIQUES FOR THE TRANSFER FUNCTION OF A PLANAR LOW - PASS FILTER ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, DEC 2016, 15, 12, p. 2579-2586, 10.30638/eemj.2016.284, WOS:000393476600004;
25.	Marcu, Mihail-Tudor; Sandu, Venetia, EVALUATION AND ABATEMENT OF ENVIRONMENTAL NOISE. A CASE STUDY FOR DISTRICT HEATING PLANT PLACED IN A RESIDENTIAL AREA OF BRASOV – ROMANIA, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, JAN 2015, 14, 1, p. 195-203, 10.30638/eemj.2015.02; WOS:000351589400020;
26.	Badida, M., Sobotová, L., Moravec, M., Dzuro, T., ENVIRONMENTAL ENGINEERING, Monitoring and Analysis of Manufacturing Processes in Automotive Production, 10, pp. 1-3462022

5. Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana, Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale sequencing batch reactor treatment system, Chemistry Journal of Moldova, 2017, vol. 12, no. 1, p.61-66; WOS:000404526200006;

27.	Alina Cochiorca, Valentin Nedeff, Narcis Bârsan, Emilian Florin Moşneguţu, Mirela Panainte-Lehăduş, Claudia Tomozei, Analysis of water quality for two rivers located near a mining area, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2018, vol. 19, nr. 4, p. 455-463, WOS:000452211700009
28.	Mihaela-Elena Dascălu, Florin Nedeff, Emilian Mosneguţu, Juan Antonio López-Ramírez, Hydrodynamic surface evaluation of a polymeric reverse osmosis membrane using a crossflow cell, Revista De Chimie, vol. 70, nr. 3, 2019, pg. 866-870, WOS:000464911600024
29.	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, pg. 97-102, WOS:000464604100020
30.	Mihaela-Elena Dascălu, Florin Nedeff, Ion Sandu, Emilian Mosnegutu, Andrei Victor Sandu, Juan Antonio López-Ramírez, Mathematical Model Regarding the Application of the ExcitationEmission Matrix Spectroscopy in Nanofiltration Process Using Humic Acid with a TiO ₂ Ceramic Membrane, Revista de Materiale Plastice, 2019, vol. 56, no. 4, p. 995-1002, WOS: 000509920700046
31.	Cochiorca, A., Nedeff, V., Barsan, N., (...), Sandu, A.V., Irimia, O, Surface water and groundwater quality evaluation in a mining area, Revista de Chimie, 71(6), pp. 124-131, 2020, DOI 10.37358/RC.20.6.8177;
32.	Mihaela-Elena Dascalu, Florin Nedeff, Ion Sandu, Emilian Mosnegutu, Andrei Victor Sandu, Juan Antonio López-Ramírez, Ceramic Nanofiltration Membrane Fouling: Application of Mathematical Modelling to the Use of Excitation Emission Matrix Spectroscopy, Revista de Chimie vol. 71, nr.5, 2020, pg. 330-339; DOI 10.37358/RC.20.5.8141;
33.	Bhat, M.A., Abbasi, T., Abbasi, S.A, A household-scale on-site embodiment of the novel bioreactor SHEFROL® for treating greywater, Taiwan Water Conservancy, vol. 68, nr. 2, 1 June 2020, p. 53-62; DOI 10.6937/TWC.202006/PP_68(2).0005;
34.	Filali, H., Barsan, N., Hörmann, G., Irimia O, Nedeff V., Nedeff, F., Hachicha, M., Greywater Vertical Treatment and Possibility of Reuse in the Fields from Peri-Urban Area, Agronomy, 13(3),940, 2023, DOI 10.3390/agronomy13030940;
35.	Datsenko, V., Larin, V., Evaluating the methods used for the regeneration process of copper-zinc solutions, Chemistry Journal of Moldova, 16(1), pp. 88-98, 2021, DOI 10.19261/CJM.2021.793;
36.	Tataru, L., Barsan, N., Nedeff, F.M., (...), Cochiorca, A., Sandu, I.G, Treatment study of brook water by using the ultrafiltration pilot with polymeric membrane, Materiale Plastice, 56, pp. 986-994, 2019; DOI 10.37358/mp.19.4.5296;
37.	Barsan, N., Chitimus, D., Nedeff, F.M., Sandu I; Lehadus M., Sandu, A.V., Tartoaca, O.I., Experimental application of a laboratory SBR plant used for domestic wastewater treatment, Revista de Chimie, 70(11), pp. 4098-4101, 2019, DOI 10.37358/rc.70.19.11.7710;
38.	Tataru, L., Nedeff, V., Moşneguţu, E., Panainte-Lehăduş, M., Chiţimuş, 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, 20(1), pp. 75-87, 2019
39.	Tataru, L., Nedeff, V., Barsan, N., Mosnegutu E.; Lehadus Panainte M; Sandu, I., Chitimus, D, Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Materiale Plastice, 55, pp. 680-685, 2018, DOI 10.37358/mp.18.4.5100;

6. Tomozei C., Irimia O., Valentin N., Lehadus M.P., Measurement of the noise level of the tailors, 2017, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, (51) 635-642,

40.	Chitimus, A.-D., Nedeff, F.-M., Sandu, I., Radu Cristian, Mosnegutu, E., Sandu, I.G., Influence of Bacau city's antropic activities on the heavy metals concentration measured on Bistrita and Siret river sides, Revista de Chimie, 71(1), pp. 350-354, 2020; DOI 10.37358/RC.20.1.7856;
-----	---

7. Claudia Tomozei, Florin Nedeff, Alina Petrovici Contu, Oana Tirtoaca Irimia, Marius Stanila, Ioan Joița, Valentin Zichil, Impacts of outdoor noise on teaching and learning activities, Environmental Engineering and Management Journal, vol. 15, no. 3, p. 545-552; 2016; DOI: 10.30638/eemj.2016.059; WOS:000376876400008;

41.	Wen, X., Lu, G., Lv, K., Jin, Meijun, Shi, Xiaofeng, Lu, F., Zhao, D.I, mpacts of traffic noise on roadside secondary schools in a prototype large Chinese city, Applied Acoustics, 151, pp. 153-163, 2019; DOI 10.1016/j.apacoust.2019.02.024;
42.	Simion, S., Kovacs, M., Toth, L., Ilie, C., Gireadă, A, Workers exposure to noise in surface extractive industry, Environmental Engineering and Management Journal, 16(6), pp. 1367-1372, 2017; DOI 10.30638/eemj.2017.147;

8. Alina Mihaela Petrovici, Jose Luis Cueto, Ricardo Gey, Florin Nedeff, Ricardo Hernandez, Claudia Tomozei, Emilian Mosnegutu, Optimization of some alternatives to noise barriers as noise mitigation measures on major roads in Europe. Case study of a highway in Spain, Environmental Engineering and Management Journal, vol. 15, no. 7, p. 1617-1628, July 2016; FI 0,858; DOI:10.30638/eemj.2016.174; WOS:000384472000021;

43.	Wrótny, M., Bohatkiewicz, J., Bohatkiewicz-Czaicka, J., Influence of using low-noise pavements on residents' perception of road noise protection, Transportation Research Part D: Transport and Environment, 113, 103531, 2022; DOI 10.1016/j.trd.2022.103531;
44.	Parker, M., Spennemann, D.H.R., Conceptualising sound making and sound loss in the urban heritage environment, International Journal of Urban Sustainable Development, 14(1), pp. 264-286, 2022; DOI 10.1080/19463138.2022.2103821;
45.	Giraldo-Clavijo, P., Yang, J.J., A comparative study of insertion loss of traffic noise barriers in Georgia, International Conference on Transportation and Development 2020: Emerging Technologies and Their Impacts - Selected Papers from the International Conference on Transportation and Development 2020, pp. 131-139, 2020; DOI 10.1061/9780784483138.012;
46.	Simion, S., Kovacs, M., Toth, L., Ilie, C., Gireadă, A., Workers exposure to noise in surface extractive industry, Environmental Engineering and Management Journal, 16(6), pp. 1367-1372; 2017; DOI 10.30638/eemj.2017.147;

9. Alina Cochiorca, Valentin Nedeff, Narcis Barsan, Emilian Florin Mosnegutu, Mirela Panainte-Lehadus, Claudia Tomozei, Analysis of water quality for two rivers located near a mining area, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2018, vol. 19, no. 4, p. 455 – 463, F. 0; WOS:000452211700009;

47.	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, MAR 2021, 20, 3, p.355-360, WOS:000637746900004;
48.	Misaila, Lavinia; Barsan, Narcis; Nedeff, Florin Marian; Raducanu, Dumitra; Grosu, Luminita; Patriciu, Oana-Irina; Gavrilă, Lucian; Finaru, Adriana-Luminita, QUALITY ASSESSMENT OF SLANIC-MOLDOVA MINERAL WATERS STORED IN REUSABLE BOTTLES, SCIENTIFIC STUDY AND RESEARCH-CHEMISTRY AND CHEMICAL ENGINEERING BIOTECHNOLOGY FOOD INDUSTRY, 2021, 20, 212, p. 253-26, WOS:000546789300010;
49.	Dascalu, Mihaela-Elena; Nedeff, Florin; Sandu, Ion; Mosnegutu, Emilian; Sandu, Andrei Victor; Antonio Lopez-Ramirez, Juan, Mathematical Model Regarding the Application of the Excitation-Emission Matrix Spectroscopy in Nanofiltration Process Using Humic Acid with a TiO ₂ Ceramic Membrane, MATERIALE PLASTICE, DEC 2019, 56, 4, p. 995-1002, WOS:000509920700046;
50.	Eblin, Sampah Georges; Anoh, Kouao Armand; Yao, Affoue Berthe; Soro, Nagnin; Nedeff, Valentin; Mosnegutu, Emilian; Sandu, Andrei Victor, MAPPING GROUNDWATER VULNERABILITY TO POLLUTION IN THE REGION OF ADIAKE, SOUTHEAST COASTAL OF COTE D'IVOIRE: A COMPARATIVE STUDY OF THREE (3) METHODS, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE, JUL-SEP 2019, 10, 3, p. 493-506, WOS:00048882700009;

51.	Eblin, Sampah Georges; Konan, Kouakou Seraphin; Mangoua, Oi Mangoua Jules; Nedeff, Valentin; Sandu, Andrei Victor; Barsan, Narcis; Sandu, Ion, Nitrate Pollution of Groundwater Based on GIS in the City of Daloa, West-central Cote d'Ivoire, REVISTA DE CHIMIE, JOULE 2019, 707, p. 2579-2583, WOS:000485843500057;
52.	Dascalu, Mihaela-Elena; Nedeff, Florin; Mosnegutu, Emilian; Sandu, Ioan Gabriel; Antonio Lopez-Ramirez, Juan, Hydrodynamic Surface Evaluation of a Polymeric Reverse Osmosis Membrane Using a Crossflow Cell, REVISTA DE CHIMIE, , MAR 2019, 70, 3, p. 866-870, WOS:000464911600024;
53.	Cochiorca, A., Nedeff, V., Barsan, N., (...), Sandu, A.V., Irimia, O., Surface water and groundwater quality evaluation in a mining area, Revista de Chimie, 71(6), pp. 124-131, 2020; DOI 10.37358/RC.20.6.8177
54.	Dascalu, M.-E., Nedeff, F., Sandu, I., Mosnegutu Emilian, Sandu, A.V., Lopez-Ramirez, J.A, Ceramic nanofiltration membrane fouling: Application of mathematical modelling to the use of excitation emission matrix spectroscopy, , Revista de Chimie, 71(5), pp. 330-339, 2020; DOI 10.37358/RC.20.5.8141;
55.	Chitimus, A.-D., Nedeff, F.-M., Sandu, I., Radu Cristian, Mosnegutu, E., Sandu, I.G., , Influence of Bacau city's antropic activities on the heavy metals concentration measured on bistrita and Siret river sides, Revista de Chimie, 71(1), pp. 350-354, 2020; DOI 10.37358/RC.20.1.7856;

10. Alexandra Dana Chitimus, Florin Marian Nedeff, Ion Sandu, Cristian Radu, Emilian Mosnegutu, Narcis Barsan, Ioan Gabriel Sandu, Claudia Tomozei, Absorption Capacity of Copper and Lead in the Case of Phragmites Australis Plant Species, REV.CHIM.(Bucharest), vol. 70, nr. 11, 2019, p. 4035-4039

56.	Alisa Mosneaga, Valentin Nedeff, Ion Sandu, Petru Lozovanu, Emilian Mosnegutu, Mirela Panainte Lehadus, Ioan Gabriel Sandu, Utilization of ozone and composite materials in the seed treatment to stimulate the germination and growth of agricultural crops, Revista de Chimie, vol. 71, nr. 2, 2020, pg. 365-370
-----	--

11. Oana-Maria Muscalu (Plescan), Valentin Nedeff, Ion Sandu, Alexandra Dana Chitimus, Elena Partal, Emilian Mosnegutu, Ioan Gabriel Sandu, Claudia Tomozei, Influence of soil fertilization systems on chemical properties of the soil, REV.CHIM.(Bucharest), vol. 70, nr. 12, 2019, p. 4557-4565

57.	Vlad Emil Crisan, Lucian Constantin Dinca, Sorin Stefan Deca, Analysis of chemical properties of forest soils from Bacau County, Revista de Chimie, vol. 71, nr. 4, 2020, pg. 81-86
-----	---

12. Oana-Maria Muscalu (Plescan), Florin-Marian Nedeff, Elena Partal, Emilian Mosnegutu, Mirela Panainte Lehadus, Oana Irimia, Claudia Tomozei, Influence of Soil Fertilization Systems on Soil Characteristics for a Monoculture of Sunflower, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol 20, no. 4, 2019, p. 585-595; FI 0; file:///D:/1_ALL/ARTICOLE/Publicate/CSCC6201904V04S01A0008%20(2).pdf; WOS:000502846500008;

58.	Barsan, N., Chitimus, A.D., Muscalu, O.-M., (...), Sandu, A.V., Lehadus, M.P., Revista de Chimie, Influence of fertilizers on soils used for oleaginous crop, 71(1), pp. 233-238 2020, DOI 10.37358/RC.20.1.7838;
-----	---

13. 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, Revista de Chimie, Bucharest, ISSN 2537-5733, 2019, 70, no. 8, p. 2869-2872; <https://doi.org/10.37358/RC.19.8.7446>; WOS:000489685600035

59.	Mohd Ridzuan, Nursyaida Amila; Mohamed Noor, Norazian; Rahim, Nur Alis Addiena A.; Mohd Jafri, Izzati Amani; Ul Saufie, Ahmad Zia; Mohd Arif Zainol, Mohd Remy Rozainy; Kamaruddin, Mohamad Anuar; Deak, Gyorgy, MODELING OF PARTICULATE MATTER (PM10) DURING HIGH PARTICULATE EVENT (HPE) IN KLANG VALLEY, MALAYSIA INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE, JUL-SEP 2022, 13, 3, p. 1065-1078, WOS:000880174700025;
-----	---

14. 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, Revista de Chimie, Bucharest, vol. 70, no. 10, 2019, p. 3570-3574; FI 0; <https://doi.org/10.37358/RC.19.10.7598>; WOS:000500795900025;

60.	Lavinia Misăilă, Narcis Bârsan, Florin Marian Nedeff, Dumitra Răducanu, Luminița Grosu, Oana-Irina Patriciu, Lucian Gavrilă, Adriana-Luminița Finaru, Quality assessment of Slanic-Moldova mineral waters stored in reusable bottles, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 21, nr. 2, 2020, p. 253 – 262, WOS:000867160200001;
61.	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, MAR 2021, 20, 3, p. 355-360, WOS:000637746900004;
62.	Misaila, Lavinia; Barsan, Narcis; Nedeff, Florin Marian; Raducanu, Dumitra; Grosu, Luminita; Patriciu, Oana-Irina; Gavrilă, Lucian; Finaru, Adriana-Luminita, QUALITY ASSESSMENT OF SLANIC-MOLDOVA MINERAL WATERS STORED IN REUSABLE BOTTLES, SCIENTIFIC STUDY AND RESEARCH-CHEMISTRY AND CHEMICAL ENGINEERING BIOTECHNOLOGY FOOD INDUSTRY, 2020, 21, 2, p. 253-262, WOS:000546789300010;
63.	Dascalu, Mihaela-Elena; Nedeff, Florin; Sandu, Ion; Mosnegutu, Emilian; Sandu, Andrei Victor; Antonio Lopez-Ramirez, Juan, Mathematical Model Regarding the Application of the Excitation-Emission Matrix Spectroscopy in Nanofiltration Process Using Humic Acid with a TiO ₂ Ceramic Membrane, MATERIALE PLASTICE, DEC 2019, 56, 4, p. 995-1002, WOS:000509920700046;
64.	Misaila, Lavinia, Barsan, Narcis, Nedeff, Florin Marian, Raducanu, Dumitra; Radu, Cristian; Grosu, Luminita; Patriciu, Oana-Irina; Gavrilă, Lucian; Finaru, Adriana-Luminita, Perspectives for Quality Evaluation of Some Mineral Waters from Slanic Moldova, Water (Switzerland), Volume 14, Issue 19, October 2022, ISSN 20734441, DOI 10.3390/w14192942;
65.	Cochiorca, Alina; Nedeff, Valentin; Barsan, Narcis; Sandu, Ion; Mosnegutu, Emilian; Chitimus, Dana Alexandra; Sandu, Andrei Victor; Irimia, Oana, Surface water and groundwater quality evaluation in a mining area, Revista de Chimie, Volume 71, Issue 6, Pages 124 – 131, June 2020, ISSN 00347752, DOI 10.37358/RC.20.6.8177
66.	Dascalu, Mihaela-Elena; Nedeff, Florin; Sandu, Ion; Mosnegutu, Emilian; Sandu, Andrei Victor; Lopez-Ramirez, Juan Antonio Ceramic nanofiltration membrane fouling: Application of mathematical modelling to the use of excitation emission matrix spectroscopy, Revista de Chimie, Volume 71, Issue 5, Pages 330 – 339, 2020, ISSN 00347752; DOI 10.37358/RC.20.5.8141

15. Mosnegutu Emilian Florin, Panainte-Lehădus Mirela, Nedeff Florin, Tirtoaca Oana, Tomozei Claudia, Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, (2020) International Journal of Conservation Science, 11 (1), p. 179-188; https://ijcs.ro/public/IJCS-20-17_Mosnegutu.pdf; WOS:000520030000017;

67.	Hegyi, Andreea; Vermesan, Horatiu; Lazarescu, Adrian-Victor; Petcu, Cristian; Bulacu, Cezar, Thermal Insulation Mattresses Based on Textile Waste and Recycled Plastic Waste Fibres, Integrating Natural Fibres of Vegetable or Animal Origin, MATERIALS, FEB 2022, 15, 4, p. 1348; 10.3390/ma15041348; WOS:000765075300001;
68.	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, 30, 6B, p. 7639-7646, WOS:000670303700052;

17. 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, 14, 665. FI 3,889; <https://doi.org/10.3390/su14020665>; WOS:000757668100001;

69.	Aina, Ifedotun Victor; Thiam, Djiby Racine; Dinar, Ariel, Economics of household preferences for water-saving technologies in urban South Africa, JOURNAL OF ENVIRONMENTAL MANAGEMENT, 1, 2023, 339, 10.1016/j.jenvman.2023.117953; APR 2023, WOS:000984749500001;
70.	Devi, G., Al-Lezami, H.A.A Green synthesis, characterization and application of calcium carbonate nanoparticles in the effective treatment of grey water for sustainable water management, Journal of the Iranian Chemical Society, 2023, 20(6), pp. 1417-1426, DOI 10.1007/s13738-023-02766-1;
71.	Ghani, L.A., Mahmood, N.Z. Modeling domestic wastewater pathways on household system using the socio-MFA techniques, Ecological Modelling, 2023, 480, 110328, DOI 10.1016/j.ecolmodel.2023.110328;
72.	Kordana-Obuch, S., Starzec, M., Wojtoń, M., Słyś, D, Greywater as a Future Sustainable Energy and Water Source: Bibliometric Mapping of Current Knowledge and Strategies, Energies, 6(2),934, 2023, DOI 10.3390/en16020934;
73.	Tusiime, A., Solihu, H., Sekasi, J., Mutanda, H.E, Performance of lab-scale filtration system for grey water treatment and reuse, Environmental Challenges, Volume 9, December 2022, 100641; DOI 10.1016/j.envc.2022.100641;
74.	Nyika, J., Dinka, M., The progress in using greywater as a solution to water scarcity in a developing country, Water Conservation and Management, 6(2), pp. 89-94, 2022; DOI 10.26480/wcm.02.2022.89.94;
75.	Latifah Abdul; Mahmood, Noor Zalina, Modeling domestic wastewater pathways on household system using the socio-MFA techniques, ECOLOGICAL MODELLING, MAR 2023, 10.1016/j.ecolmodel.2023.110328; WOS:000961947200001;
76.	Filali, Hanen; Barsan, Narcis; Hoermann, Georg; Nedeff, Valentin; Irimia, Oana; Nedeff, Florin; Hachicha, Mohamed, Greywater Vertical Treatment and Possibility of Reuse in the Fields from Peri-Urban Area, AGRONOMY-BASEL, MAR 2023, 13, 3, p. 940; 10.3390/agronomy13030940; WOS:000952799300001;
77.	Kilinc, Elif Ayyuce; Tanik, Aysegul; Hanedar, Asude; Gorgun, Erdem, Climate change adaptation exertions on the use of alternative water resources in Antalya, Turkiye, FRONTIERS IN ENVIRONMENTAL SCIENCE, JAN 4, 2023, 10, 2 10.3389/fenvs.2022.1080092; WOS:000917110800001;
78.	Obuch, Sabina; Starzec, Mariusz; Wojton, Michal; Slys, Daniel, Greywater as a Future Sustainable Energy and Water Source: Bibliometric Mapping of Current Knowledge and Strategies, ENERGIES, JAN 2023, 16, 2, p. 934, 10.3390/en16020934; WOS:000914596000001;
79.	Ramirez Herrera, Andrea Cristina; Bauer, Sonja; Pena Guillen, Victor, Water-Sensitive Urban Plan for Lima Metropolitan Area (Peru) Based on Changes in the Urban Landscape from 1990 to 2021, LAND, DEC 2022, 11, 12, p. 2261; 10.3390/land11122261; WOS:000900920900001;

18. Elena Goldan, Valentin Nedeff, Narcis Barsan, Mihaela Culea, Claudia Tomozei, Mirela Panainte-Lehadus, Emilian Mosnegutu, Evaluation of the use of sewage sludge biochar as a soil amendment—A review, Sustainability 2022, 14, 5309., FI 3,889; <https://doi.org/10.3390/su14095309>; WOS:000794497400001;

80.	McNamara, Patrick; Liu, Zhongzhe; Tong, Yiran; Santha, Hari; Moss, Lynne; Zitomer, Daniel, Pyrolysis-A tool in the wastewater solids handling portfolio, not a silver bullet: Benefits, drawbacks, and future directions, WATER ENVIRONMENT RESEARCH, MAY 2023, 95, 5, 10.1002/wer.10863; WOS:000975730100001;
81.	Lucia, Caterina; Pampinella, Daniela; Palazzolo, Eristanna; Badalucco, Luigi; Laudicina, Vito Armando, From Waste to Resources: Sewage Sludges from the Citrus Processing Industry to Improve Soil Fertility and Performance of Lettuce (Lactuca sativa L.), AGRICULTURE-BASEL, APR 2023, 1, 4, 10.3390/agriculture13040913; WOS:000978375300001;
82.	Leovac Macerak, Anita; Kulic Mandic, Aleksandra; Pesic, Vesna; Pilipovic, Dragana Tomasevic; Becelic-Tomin, Milena; Kerkez, Djurdja, Green nZVI-Biochar as Fenton Catalyst: Perspective of Closing-the-Loop in Wastewater Treatment MOLECULES, FEB 2023, 28, 3, 10.3390/molecules28031425; WOS:000930430500001;

83.	Dar, Zubair Ahmad; Bhat, Javeed Iqbal Ahmad; Qazi, Gazala; Ganie, Sartaj Ahmad; Amin, Azra; Farooq, Shabeena; Nazir, Arifa; Rasool, Akhtar, Municipal sewage sludge, aquatic weed compost on soil enzymatic activity and heavy metal accumulation in Kale (<i>Brassica oleracea</i> L.), <i>APPLIED WATER SCIENCE</i> , FEB 2023, 13, 2, 10.1007/s13201-022-01855-5, WOS:000908545300002;
84.	View more Venkatesa Prabhu, Sundramurthy; Hamda, Abas Siraj, Jayakumar, Mani, Production strategies and potential repercussion of sewage sludge biochar as a futuristic paradigm toward environmental beneficiation: A comprehensive review, <i>Environmental Quality Management</i> , 2023, ISSN 10881913, DOI 10.1002/tqem.22007;
85.	Zhang, Shuai-Zheng; Cui, Zhen-Shui; Zhang, Mo; Zhang, Zhan-Hui, Biochar-based functional materials as heterogeneous catalysts for organic reactions, <i>CURRENT OPINION IN GREEN AND SUSTAINABLE CHEMISTRY</i> , DEC 2022, 38, 10.1016/j.cogsc.2022.100713; WOS:000901803800003;
86.	Ghorbani, Mohammad; Konvalina, Petr; Walkiewicz, Anna; Neugschwandtner, Reinhard W.; Kopecky, Marek; Zamanian, Kazem; Chen, Wei-Hsin; Bucur, Danie, Feasibility of Biochar Derived from Sewage Sludge to Promote Sustainable Agriculture and Mitigate GHG Emissions-A Review, <i>INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH</i> , OCT 2022, 19, 19, 10.3390/ijerph191912983; WOS:000866932300001;

19. Mirela Panainte-Lehăduș, Emilian Moșneguțu, Narcis Bârsan, Gabriela Andrioai, Claudia Tomozei, Oana Irimia, Mathematical perspectives in the variable texture products cutting process, Processes, vol. 10, no. 8, 1603, 2022; FI 3,328; <https://doi.org/10.3390/pr10081603>; WOS:000845796500001;

87.	Paucean, Adriana; Muresan, Vlad, Special Issue on Food Processing Technologies Applied to Cereals, Legumes, Oilseeds, Alternative Food Raw Materials and Their Derivatives, <i>PROCESSES</i> , JAN 2023, 11, 1, 150; http://dx.doi.org/10.3390/pr11010150 ; WOS:000931405800001;
-----	---

20. 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, Processes, vol. 10, no. 12, 2485; 2022; FI 3,328; <https://doi.org/10.3390/pr10122485>; WOS:000902812200001;

88.	Chereches, Ioan Aurel; Arion, Iulia Diana; Muresan, Iulia C. C.; Gaspar, Ferenc, Study of the Effects of the COVID-19 Pandemic on Air Quality: A Case Study in Cluj-Napoca, Romania, <i>SUSTAINABILITY</i> , FEB 2023, 15, 3, 2549, http://dx.doi.org/10.3390/su15032549 ; WOS:000930378300001;
-----	--

21. Constantin Plăcintă, Sergiu Stanciu, Mirela Panainte-Lehadus, Emilian Mosnegutu, Florin Nedeff, Valentin Nedeff, Claudia Tomozei, Tudor-Cristian Petrescu, Maricel Agop, Theoretical and experimental designs on several mechanical properties of CuAlZn shape memory alloys used in the process industry, Materials, 2023, vol. 16, no. 4, p. 1441; FI 3,748; <https://doi.org/10.3390/ma16041441>; WOS:000940069700001;

89.	Huang, Yizhe; Hu, Jiangbo; Wang, Jun; Sun, Jinfeng; You, Ying; Huang, Qibai; Xu, Enyong, Sound Quality Performance of Orthogonal Antisymmetric Composite Laminates Embedded with SMA Wires, <i>MATERIALS</i> , MAY 6, 2023, 16, 9, DOI: 10.3390/ma16093570; WOS:000986821200001;
90.	Nica, Irina; Nedeff, Florin; Nedeff, Valentin; Popa, Cristina; Toma, Stefan Lucian; Agop, Maricel; Vasincu, Decebal, The Cracking Behavior of Two Dental Composite Materials Validated through Multifractal Analyzes, <i>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</i> , APR 2023, 4, 7, http://dx.doi.org/10.3390/ijms24076493 , WOS:000970021800001.

DATA
8.06.2023

Ș. L. DR. ING. TOMOZEI CLAUDIA MANUELA