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LISTA LUCRĂRILOR PUBLICATE

Ș. I. dr. ing. Tomozei Claudia

I. Lista lucrărilor considerate relevante pentru realizările profesionale proprii

1. 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;
2. 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;
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4. 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;
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7. **Claudia Tomozei**, Valentin Nedeff, Mirela Panainte, Gabriela Telibasa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, December, vol.17, no. 12, p. 2881-2888, 2018; ISSN: 1582-9596; <https://eemj.eu/index.php/EEMJ/article/view/3752>; WOS:000456043800012;

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II. Teza de doctorat

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III. Cărți și capitole din cărți

1. Valentin Nedeff, Dana Chitimus, Luminita Bibire, Mirela Panainte-Lehadus, **Claudia Tomozei**, Florin Nedeff, Paul Cotirlet, Ergonomie, Ed. Alma Mater Bacau, ISBN: 978-606-527-590-42021, 364 pag.;
2. Nedeff Valentin, Chitimus Alexandra-Dana, Mosnegutu Emilian, Panainte Lehadus Mirela, **Tomozei Claudia**, Irimia Oana, Barsan Narcis, Nedeff Florin Marian, Proceduri de lucru pentru analiza solului și a altor materiale, vol. 2, Editura Alma Mater Bacau 2018, ISBN 978-606-527-581-2, 978-606-527-583-6, 131 pag.;
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IV. Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

IV.1. Lucrări publicate în reviste cotate ISI

1. 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;
2. Grzegorz Przydatek, Andrzej Ryniewicz, Oana Irimia, **Claudia Tomozei**, Emilian Mosnegutu, Marcin Bodziony, Analysis of noise levels in typical passenger cars, Sustainability, vol. 15, p. 7910, 2023; FI: 3,889; <https://doi.org/10.3390/su15107910>;
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4. 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;
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8. 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;
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 11. 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;
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 13. 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, 2021, vol. 23, no. 2, ISSN1790-7632; IF. 1,134; <https://doi.org/10.30955/gnj.003678>; WOS:000709770400014;
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 15. 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;
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 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;
 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; <https://pubs.ub.ro/?pg=revues&rev=csc6&num=202002&vol=2&aid=5111>; WOS:000546789300012;

19. 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;
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21. 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;
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26. 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*, 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;
27. Barsan Narcis, Nedeff Valentin, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana, **Tomozei Claudia**, A perspective for poor wastewater infrastructure

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28. 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;
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IV.2. Lucrări publicate în proceeding cotat ISI

1. Iosif Ioja, **Claudia Tomozei**, Valentin Nedeff, Emilian Mosnegutu, Mirela Panainte-Lehadus, Oana Irimia, Narcis Barsan, Dana Chitimus, 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), 978-1-6654-0709-0/22/\$31.00 ©2022, IEEE 1, 30 June - 2 July 2022, Ruse, Bulgaria. 10.1109/EEAE53789.2022.9831319; ISBN: 978-1-6654-0710-6;

2. **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, 978-172810362-4, 12 November 2020; Article number 9279088; <https://ieeexplore.ieee.org/document/9279088>. 10.1109/EEAE49144.2020.9279088; ISBN: 978-1-7281-0362-4; WOS:000659299700127;
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10. Nedeff Valentin, Mosnegutu Emilian, **Tomozei Claudia**, Pal Anton, Samoila Florin, Design and implementation of a fixed system for video-acoustic monitoring of urban noise pollution, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, Vienna, Austria; p. 0835 – 0840, 2012; ISBN 978-3-901509-91-9, ISSN 2304-1382, WOS:000392423800193;

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IV.3. Lucrări publicate în reviste indexate în baze de date internationale (BDI)

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