



LISTA LUCRĂRILOR PUBLICATE

prof. univ. dr. ing. habil. Mirela PANAINTE-LEHĂDUȘ

I. Lista celor 10 lucrări considerate relevante

1. **Panainte Mirela**, 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.
2. Mosnegutu Emilian Florin, **Panainte-Lehăduș Mirela**, Nedeff Florin, Tirtoaca (Irimia) Oana, Tomozei Claudia, 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.
3. Mosnegutu Emilian, **Panainte-Lehadus Mirela**, Nedeff Valentin, Tomozei Claudia, Barsan Narcis, Chitimus Dana and Jasinski Marcin, Extraction of mathematical correlations applied in the aerodynamic separation of solid particles, Processes, vol. 10, no. 7, 2022, 1234, 10.3390/pr10071234, WOS:000832223400001.
4. **Panainte-Lehadus Mirela**; Vulpe Mihai; Nedeff Valentin; **Mosnegutu Emilian**; Przydatek Grzegorz; Tomozei Claudia; Chitimus Dana, Study on the Method of Household Waste Collection: Case Study, Applied Sciences, 2022, vol. 12, no. 15, 2022, 7490, 10.3390/app12157490, WOS:000838899700001.
5. **Panainte-Lehăduș Mirela**, Mosnegutu Emilian, Bârsan Narcis, Andrioai Gabriela, Tomozei Claudia and Irimia Oana, Mathematical perspectives in the variable texture products cutting, Processes, 2022 vol. 10, no. 8, 1603, 10.3390/pr10081603, WOS:000845796500001.
6. Mosnegutu Emilian, Tomozei Claudia, **Panainte-Lehădușu Mirela**, Chițimș Dana and Irimia Oana, 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.
7. 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
8. Goldan Elena; Nedeff Valentin; Barsan Narcis; Culea Mihaela; **Panainte-Lehadus Mirela**; Mosnegutu E milian; Tomozei Claudia; Chitimus Dana; Irimia Oana, Assessment of Manure Compost Used as Soil Amendment—A Review, Process, Volume11, Issue 4, 2023, DOI 10.3390/pr11041167.
9. 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.
10. 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. <https://doi.org/10.3390/pr12020282>

II. Teză de doctorat

Cercetări privind optimizarea procesului de mărunțire a produselor agroalimentare, Domeniul: Inginerie Mecanică, Facultatea de Mecanică, Universitatea Tehnică „Gh. Asachi” din Iași.

III. Brevete de invenție și alte titluri de proprietate industrială

IV. Cărți și capitole din cărți

1. Nedeff Valentin (coord.), Chițimș Dana, Luminița Bibire, Panainte-Lehăduș Mirela, Tomozei Claudia, Nedeff Florin, Paul – Claudiu Cotârleț, Ergonomie, Alma Mater, 2021, ISBN 978-606-527-590-4

2. Nedeff Valentin (coord.), Bârsan Narcis, Chițimuş Dana, Irimia Oana, Moşneguţu Emilian, Panainte-Lehăduş Mirela, Tomozei Claudia, Nedeff Florin, Proceduri de lucru pentru analiza calităţii apelor şi a altor compuşi lichizi, Alma Mater, 2018, ISBN 978-606-527-589-8, 2018
3. Nedeff Valentin (coord.), Tomozei Claudia, Panainte-Lehăduş Mirela, Irimia Oana, Bârsan Narcis, Nedeff Florin, Chițimuş Dana, Moşneguţu Emilian, Proceduri de lucru pentru analiza calităţii aerului şi a altor compuşi gazoşi, Alma Mater, 2018, ISBN 978-606-527-593-5, 2018
4. Nedeff Valentin (coord.), Chițimuş Dana, Moşneguţu Emilian, Panainte-Lehăduş Mirela, Tomozei Claudia, Irimia Oana, Bârsan Narcis, Nedeff Florin, Proceduri de lucru pentru analiza solului şi a altor materiale, vol 1, Alma Mater, 2017, ISBN 978-606-527-582-9, vol 1, 2017
5. Nedeff Valentin (coord.), Chițimuş Dana, Moşneguţu Emilian, Panainte-Lehăduş Mirela, Tomozei Claudia, Irimia Oana, Bârsan Narcis, Nedeff Florin, Proceduri de lucru pentru analiza solului şi a altor materiale, vol 2, Alma Mater, 2017, ISBN 978-606-527-581-2, vol 2, 2017
6. Oana Țârtoacă Irimia, **Mirela Panainte**, Gabriel Lazăr, Valentin Nedeff (coordonator), Potabilizarea apelor. Procedee şi tehnici de filtrare, Ed. Alma Mater Bacău, 2014
7. Claudia Tomozei, **Mirela Panainte**, Gabriel Lazăr, Valentin Nedeff (coordonator), Reducerea poluării fonice în mediul industrial, Ed. Alma Mater Bacău, 2014
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9. **Mirela Panainte**, Valentin Nedeff, Bogdan Constantin Macarescu, Emilian Moşneguţu – Studiul impactului ecologic, Colecția Științe Inginerești, Note de curs, Îndrumar de laborator, Ed. Alma Mater, ISBN 978-973-1833-02-6, Bacău, 2007; pg. 387
10. **Mirela Panainte**, Valentin Nedeff, Bogdan Constantin Macarescu, Emilian Moşneguţu – Auditul de mediu, Colecția Științe Inginerești, Note de curs, Caiet de seminar, Ed. Alma Mater, ISBN 978-973-1833-00-2, Bacău, 2007; pg. 272
11. Moşneguţu Emilian, **Panainte Mirela**, Savin Carmen, Măcărescu Bogdan şi Nedeff Valentin (coordonator) – Separarea amestecurilor de particule solide în curenţi de aer verticali, Ed. Alma Mater Bacău, Bacău, 2007, ISBN 978-973-1833-57-6; pg. .257
12. Savin Carmen, **Panainte Mirela**, Moşneguţu Emilian şi Nedeff Valentin (coordonator) – Amestecarea produselor agroalimentare, Ed. Tehnopress, Iaşi, 2006, ISBN (10) 973-702-397-8; ISBN (13) 987-973-702-397-1; 315 pagini
13. Bogdan Constantin Macarescu, Valentin Nedeff, **Mirela Panainte**, Emilian Moşneguţu – Legislație, reglementări şi standarde de protecția mediului, vol. I, Ed. Performantica, ISBN 973-730-212-5, ISBN 973-730-213-3, Iaşi, 2006, 173 pagini
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16. Ciobanu D., Nedeff V., Ciobanu R., Popa S., **Panainte M.**, Savin C. – Surse şi factori de poluare chimici în diferite medii industriale. Depoluare prin valorificare, Editura Tehnica – Info, Chişinău, 2002, 327 pagini, responsabil capitolul VII – 31 pagini

V. Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

IV.1. Lucrări publicate în reviste cotate ISI

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2. Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Study of a solid particle behaviour in a vertical ascending airflow, *Revista De Chimie*, vol. 58, no. 12, 2007, pp. 1285-1290, WOS:000252496200025
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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, *METALURGIA INTERNATIONAL*, 2009, vol. 14, nr. 6, pag. 15-20, WOS:000265002600003

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15. 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
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18. Felegeanu, D.-C. , Paraschiv, G., Panainte-Lehăduş, 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
19. 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, 1582-9596 2014, vol. 13, nr. 7, pp. 1657-1663, WOS:000344577400013
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21. Antonina Temea, Claudio Comoglio, Serena Botta, Valentin Nedeff, Mirela Panainte-Lehăduş, 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

22. 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
23. Panainte-Lehăduș, M. , Nedeff, F., Petrovici, A., Telibaș, 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
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32. 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
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48. Mirela Panainte-Lehadus; Mihai Vulpe; Valentin Nedeff; Emilian Mosnegutu; Grzegorz Przydatek; Claudia Tomozei; Dana Chitimus, S Study on the Method of Household Waste Collection: Case Study, Applied Sciences, 2022, vol. 12, no. 15, 2022, 7490, 10.3390/app12157490, WOS:000838899700001
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