

Listă lucrări publicate

A. Lista celor 10 lucrări considerate cele mai relevante

1. Carmen Bujoreanu, Stefan Irimiciuc, Marcelin Benchea, **Florin Nedeff**, Maricel Agop , *A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects*, International Journal of Non-Linear Mechanics, No. 103, 2018, pp. 128-137.
2. Dascalu M.-E., **Nedeff F.**, Ciubotariu V., Lopez-Ramirez J.A., Sandu I., Calculation of the cross section active area for a polymeric spiral wound reverse osmosis membrane, (2019) *Materiale Plastice*, 56 (2), pp. 426-428;
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5. Tudor-Cristian Petrescu , Petru Mihai , Johannes Theodorus Voordijk , Valentin Nedeff , Dorin Văideanu ,**Florin Nedeff** ,Traian-Dănut Babor , Decebal Vasincu and Maricel Agop, Complex Behavior in the Dynamics of a Polymeric Biocomposite Material—“Liquid Wood”. Experimental and Theoretical Aspects, *Polymers*,20734360,Volume 14, Issue1 January-1 2022 Article number 64.
6. Ion Sococol , Petru Mihai , Tudor-Cristian Petrescu , **Florin Nedeff ***, Valentin Nedeff and Maricel Agop, Analytical Study Regarding the Seismic Response of a Moment-Resisting (MR) Reinforced Concrete (RC) Frame System with Reduced Cross Sections of the RC Beams, *Buildings*,20755309,Volume 12, Issue 7July 2022 Article number 983
7. Nica Irina;**Nedeff Florin**;Nedeff Valentin;Popa Cristina;Toma Ștefan Lucian;Agop Maricel;Vasincu, Decebal, The Cracking Behavior of Two Dental Composite Materials Validated through Multifractal Analyzes, *International Journal of Molecular Sciences*, 16616596,Volume 24, Issue 7April 2023 Article number 6493
8. Ruxandra Mihailovici , Alexandra Croitoriu , **Florin Nedeff *** , Valentin Nedeff , Lacramioara Ochiuz ,Decebal Vasincu , Ovidiu Popa , Maricel Agop , Andreea Moraru , Danut Costin , Marcel Costuleanu and Liliana Verestiuc, Drug-Loaded Polymeric Particulated Systems for Ophthalmic Drugs Release,*Molecules*,14203049,Volume 27, Issue 14July 2022 Article number 4512

9. Rosu Iulian-Alin;**Nedeff Florin**;Nedeff Valentin;Cueto Ancela Jose Luis;Nica Dragos Constantin;Frasila Mihail;Agop Maricel;Vasincu Decebal, Turbulence Removal in Atmospheric Dynamics through Laminar Channels, Fractal and Fractional, 25043110, Volume 7, Issue 8, August 2023, Article number 576
10. Hortolomeu Andreea;Mirila Diana-Carmen;Georgescu Ana-Maria; Rosu Ana-Maria;Scutaru Yuri;**Nedeff Florin-Marian**;Sturza Rodica; Nistor Ileana Denisa, Retention of Phthalates in Wine Using Nanomaterials as Chemically Modified Clays with H2O, H3O, H4O Boltron Dendrimers, Nanomaterials, 20794991, Volume 13, Issue 16, August 2023 Article number 2301

B. Teză de doctorat

Studii și cercetări cu privire la posibilitatea de creștere a confortului acustic într-o încăpere destinată vorbirii, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie, iulie 2017.

C. Brevet de invenție

NEDEFF VALENTIN, SANDU ANDREI VICTOR, **NEDEFF FLORIN MARIAN**, SANDU IOAN GABRIEL, BARSAN NARCIS, TATARU LAURENTIU, SANDU ION, Procedeu de obținere a membranelor polimerice asimetrice cu hidrofilie permanenta folosite la ultrafiltrarea apelor pentru industria farmaceutica și alimentara, Nr. brevet: 133608 B1

D. Cărți și capitole din cărți

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2. Valentin Nedeff, Chițimuş Alexandra-Dana, Moşneguţu Emilian, Panainte Lehăduş Mirela, Claudia Tomozei, Irimia Oana, Bârsan Narcis, **Nedeff Florin Marian**, *Proceduri de lucru pentru analiza solului și a altor materiale*, Volumul 1, Editura Alma Mater Bacău, 2017, ISBN 978-606-527-582-9;
3. Valentin Nedeff, Chițimuş Alexandra-Dana, Moşneguţu Emilian, Panainte Lehăduş Mirela, Claudia Tomozei, Irimia Oana, Bârsan Narcis, **Nedeff Florin Marian**, *Proceduri de lucru pentru analiza solului și a altor materiale*, Volumul 2, Editura Alma Mater Bacău, 2018, ISBN 978-606-527-581-2; 978-606-527-583-6
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5. Claudia Tomozei, Valentin Nedeff, Mirela Panainte, Gabriel Lazăr, **Florin Nedeff**, *Reducerea poluării fonice în mediul industrial*, Editura Alma Mater Bacău, 2014, ISBN 978-606-527-354-2.

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E. Articole publicate în reviste din fluxul științific internațional principal

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25. Misăilă, L., Bârsan, N., Nedeff, F.M., Răducanu, D., Grosu, L., Patriciu, O.-I., Gavrilă, L., Fînaru, A.-L., Quality assessment of slanic-moldova mineral waters stored in reusable bottles, (2020) *Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry*, 21 (2), pp. 253-262;
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29. Agop, M., Mihaila, I., Nedeff, F., Irimiciuc, S.A., Charged particle oscillations in transient plasmas generated by nanosecond laser ablation on MG target, (2020) *Symmetry*, 12 (2), art. no. 292, .
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31. Petrovici, A., Cueto, J.L., Nedeff, V., Nava, E., Nedeff F., Hernandez, R., Bujoreanu, C., Irimiciuc, S.A., Agop, M., Dynamic evaluation of traffic noise through standard and multifractal models, (2020) *Symmetry*, 12 (11), art. no. 1857, pp. 1-26;
32. 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, 2020, Article number 9279088, 7th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2020 Ruse
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36. Tudor-Cristian Petrescu , Petru Mihai , Johannes Theodorus Voordijk , Valentin Nedeff , Dorin Văideanu , Florin Nedeff , Traian-Dănut, Babor , Decebal Vasincu and Maricel Agop, Complex Behavior in the Dynamics of a Polymeric Biocomposite Material—“Liquid Wood”. Experimental and Theoretical Aspects, *Polymers*, 20734360, Volume 14, Issue 1 January-1 2022 Article number 64
37. Dragos-Constantin Nica , Marius-Mihai Cazacu , Daniel-Eduard Constantin , Valentin Nedeff, Florin Nedeff, Decebal Vasincu , Iulian-Alin Rosu and Maricel Agop, Boundary Layer via Multifractal Mass Conductivity through Remote Sensing Data in Atmospheric Dynamics, *Fractal and Fractional*, 25043110, Volume 6, Issue 5 May 2022 Article number 250
38. Ruxandra Mihailovici , Alexandra Croitoriu , Florin Nedeff *, Valentin Nedeff , Lacramioara Ochiuz , Decebal Vasincu , Ovidiu Popa , Maricel Agop , Andreea Moraru , Danut Costin , Marcel Costuleanu and Liliana Verestiuc, Drug-Loaded Polymeric Particulated Systems for Ophthalmic Drugs Release, *Molecules*, 14203049, Volume 27, Issue 14 July 2022 Article number 4512
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47. Hortolomeu, Andreea; Mirila, Diana-Carmen; Georgescu, Ana-Maria; Rosu, Ana-Maria; Scutaru, Yuri; Nedeff Florin-Marian; Sturza, Rodica; Nistor, Ileana Denisa, Retention of Phthalates in Wine Using Nanomaterials as Chemically Modified Clays with H₂₀, H₃₀, H₄₀ Boltron Dendrimers, *Nanomaterials*, 20794991, Volume 13, Issue 16 August 2023 Article number 2301
48. Rosu, Iulian-Alin; Nedeff Florin; Nedeff, Valentin; Cueto Ancela, Jose Luis; Nica, Dragos Constantin; Frasila, Mihail; Agop, Maricel; Vasincu, Decebal, Turbulence Removal in Atmospheric Dynamics through Laminar Channels, *Fractal and Fractional*, 25043110 Volume 7, Issue 8 August 2023 Article number 576
49. Andreea Hortolomeu, Diana Carmen Mirila, Ana-Maria Rosu, Florin Marian Nedeff, Iuri Scutaru, Dorel Ureche, Rodica Sturza, Adriana-Luminita Fînaru, Ileana Denisa Nistor, Chemically Modified Clay Adsorbents Used in the Retention of Protein and Polyphenolic Compounds from Sauvignon Blanc White Wine, *Nanomaterials*, Volume 14, Issue 7 April 2024 Article number 588, DOI 10.3390/nano14070588

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F. Lucrări apărute la principalele conferințe internaționale

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2. **Nedeff Florin Marian**, Panainte Mirela, Lazăr Gabriel, Theoretical study regarding the civil environmental impact, EE&AE 2013, Engineering and Research for Agriculture Conference, „Angel Kanchev” University of Rousse, Bulgaria, 17-18 May 2013, pp. 291-298;
3. **Florin Nedeff**, Tomozei Claudia, Gabriel Lazar, Alina Petrovici (Contu), *The influence of enclosure geometry on sound distribution in teaching spaces*, IJAS International Journal of Arts & Sciences (IJAS) Conference Series, Malta, 2 – 6 March 2014;
4. Alina Petrovici (Contu), Claudia Tomozei, **Florin Nedeff**, Mirela Panainte, *General aspects concerning the assessment of the urban road traffic noise*, Second International Conference of Natural and Anthropic Risks (ICNAR), Bacau, Romania, 04-07 June 2014;
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6. Claudia Tomozei, Alina Petrovici, Mirela Panainte, **Florin Nedeff**, Oana Irimia, *Evaluation of noise level generated by the road traffic on bridges in urban areas*, Constructive and Technological Design Optimization in the Machines Building Field, Conference Proceedings abstracts, Oproteh 2015, 04-06 iunie 2015;
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8. Narcis Barsan, Andrei Zaharia, Dana Chitimus, Emilian Mosnegutu, **Nedeff Florin**,

- Dragos Rusu, Carolina Untilă, Doina Capsa et al., "Filtration Theory and Techniques. A Short Review on the Filtration Process," 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, 2020, pp. 1-6, doi: 10.1109/EEAE49144.2020.9278975.
9. Ioja Iosif, Nedeff Valentin, Agop Maricel, **Nedeff Florin**, Tomozei Claudia, *Software uses in precision agriculture based on drone image processing - A review*, 9th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2024Ruse27 June 2024through 29 June 2024, 10.1109/EEAE60309.2024.10600556
10. Tomozei Claudia, Mosnegutu Emilian, Nedeff Valentin, Irimia Oana, Panainte-Lehadus Mirela, **Nedeff Florin Marian**, Chitimus Dana, Barsan Narcis, *Study of the Noise Level in an Ice Cream Factory Working Environment*, 9th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2024Ruse27 June 2024through 29 June 2024, 10.1109/EEAE60309.2024.10600556
11. Andrei Zaharia, Valentin Nedeff, Nicolata Frunza, **Florin Nedeff**, Narcis Barsan, Dana Chitimus, *Some practical approaches of the poultry slaughter wastewater treatment by apply physico-chemical treatment*, 9th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2024Ruse27 June 2024through 29 June 2024, DOI 10.1051/bioconf/20241220102

G. Alte lucrări și contribuții științifice

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Data

Conf.Univ. Dr. Ing. Ec. Nedeff Florin Marian