

LISTA LUCRĂRILOR PUBLICATE

Conf. univ. dr. ing. habil. **Alexandra-Dana Chițimuș**

LISTA CELOR 10 LUCRĂRI RELEVANTE

1. **Dana Chitimus**, Valentin Nedeff, Emilian Mosnegutu, Narcis Barsan, Oana Irimia, Florin Nedeff, Studies on the Accumulation, Translocation, and Enrichment Capacity of Soils and the Plant Species Phragmites Australis (Common Reed) with Heavy Metals, Sustainability 2023, 15, 8729
2. Elena Goldan, Valentin Nedeff, Narcis Barsan, Mihaela Culea, Mirela Panainte-Lehadus, Emilian Mosnegutu, Claudia Tomozei, **Dana Chitimus**, Oana Irimia, Assessment of Manure Compost Used as Soil Amendment—A Review, Processes 2023, 11, 1167.
3. Bibire, Luminita, **Chitimus, Alexandra-Dana**, Ghenadi, Adrian-Stelian, Multi-Criteria Assessment of Taxi Transport Services for Public Procurement: Case Study for Bacau City, Sustainability 2023.
4. Mohamed Abdelwaheb, Valentin Nedeff, Sonia Dridi-Dhaouadi, Emilian Moșneguțu, Narcis Barsan, **Alexandra-Dana Chițimuș**, Assessment of cadmium and copper adsorption by two agricultural soils from Romania and Tunisia: risk of water resource pollution, Processes, Volume 10, 1802, 2022.
5. **Chitimus A.D.**, Nedeff V., Muscalu (Plescan) O., Mosnegutu E., Barsan N., Panainte-Lehadus M., Tomozei C., Influence of fertilization systems to the soil inorganic compounds. Case study: monocultures of cereals, leguminous and oleaginous, Global NEST Journal, vol. 23, nr. 2, p. 275-279, 2021.
6. Oana Maria Muscalu (Plescan), Valentin Nedeff, **Alexandra Dana Chitimus**, Ioan Gabriel Sandu, Elena Partal, Emilian Mosnegutu, Ion Sandu, Dragos Ioan Rusu, Influence of Fertilization Systems on Physical and Chemical Properties of the Soil Revista De Chimie (Bucharest), 2018, vol. 69, nr. 11, pg. 4006-4011.
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9. **Alexandra-Dana Chitimus**, Cristian Radu, Valentin Nedeff, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on Typha Latifolia's (bulrush) absorption capacity of heavy metals from the soil, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2016, vol. 17, nr. 4, p. 381-393.
10. Cristian Radu, **Alexandra-Dana Chițimuș**, Mariana Turcu, Greta Ardeleanu, Mihai Belciu, Impacts of anthropogenic activities in Bacau area upon heavy metals concentration on Bistrita river sides, Environmental Engineering and Management Journal, vol. 13, nr. 7, 2014, p. 1687-1691.

TEZA DE DOCTORAT

DOMENIUL INGINERIE MECANICĂ

Studii și cercetări cu privire la influența proprietăților fizice și mecanice ale solului în procesul de autoepurare și epurare

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CĂRȚI ȘI CAPITOLE DIN CĂRȚI

1. **Chițimuş Alexandra-Dana**, Nedeff Valentin, Moşneguţu Emilian, Lazăr Gabriel, Tehnologii pentru depoluarea solului, Carte Științifică, Editura Alma Mater Bacău, ISBN 978-606-527-218-7, 2012.
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3. Laurențiu Tataru, Valentin Nedeff, Emilian Moșneguțu, Mirela Panainte-Lehăduș, **Dana Alexandra Chițimuș**, Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 20, nr. 1, 2019, pg. 75-87.
4. Laurențiu Tataru, Narcis Barsan, Florin Marian Nedeff, Ion Sandu, Emilian Mosnegutu, **Dana Alexandra Chitimus**, Alina Cochiorca, Ioan Gabriel Sandu, Treatment Study of Brook Water by Using the Ultrafiltration Pilot with Polymeric Membrane, Revista de Materiale Plastice, 2019, vol. 56, no. 4, p. 986-994.
5. Emilian Florin Mosnegutu, Valentin Nedeff, **Alexandra Dana Chitimus**, Dragos-Ioan Rusu, Ion Joita, Aspects regarding the Siret river direction-changing in the Bacau County Region, Romania, International Journal Of Conservation Science, Volume 10, Issue 1, January-March 2019, 139-146.
6. **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.
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14. Laurențiu Tataru, Valentin Nedeff, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte Lehadus, Ion Sandu, **Dana Chitimus**, Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Revista de Materiale Plastice, 2018, vol. 55, no. 4, p. 660-685.

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26. Mohamed Abdelwaheb, Valentin Nedeff, Sonia Dridi-Dhaouadi, Emilian Moşneguţu, **Alexandra-Dana Chiţimuş** Assessment quality of agricultural soils from Tunisian Region-Kalaa Kebira Sousse to assessment of a Tunisian agricultural soil properties, Fresenius Environmental Bulletin, vol. 31, nr. 8, 2022.
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3. Emilian Mosnegutu, Valentin Nedeff, Ovidiu Bontas, Narcis Barsan, **Dana Chitimus**, Dragoș Rusu, Determination of kinematic indices corresponding to a solid particle on a flat oscillating surface, *IOP Conf. Series: Materials Science and Engineering* 147 (2016) 012151 doi:10.1088/1757-899X/147/1/012151, 2016, 147.
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 10. Bogdan Petrut-Liviu, Nedeff Valentin, Barsan Narcis, Panainte-Lehadus Mirela, **Chitimus Dana**, Nedeff Florin, Tomozei, Claudia, Applications of the GIS and Remote Sensing methods in the Land use and cover maps. Case study: Roman city and the surroundings of the Northern side area, 2022 8th International Conference on Energy Efficiency and Agricultural Engineering, EE and AE 2022 - Proceedings, Code 181234, p. 1-5.
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