

Year 2021

ISI Indexed Papers

Nr. crt.	Titlul articolului	Revista/Jurnalul	Autori	Factor de impact
1.	In-silico optimization of a bi-enzymatic batch reactor for mannitol production with continuous regeneration of NADH cofactor	Revue Roumaine de Chimie numărul 12/2021	Maria G., Renea L., Peptănaru I.M., Maria Cristina	0,278
2.	Hydrodynamic Modelling for the Chilia - Bystroe Danube Sector: Model Calibration and Validation	Lecture Notes in Civil Engineering Book Series vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_17 pp 147-153	Georgeta Tudor, Deák György, Miruna Arsene, Tiberius Marcel Danalache, Bianca Petculescu, Danut Marian Tuca, Edward Bratfanof, Mohd Remy Rozainy Mohd Arif Zainol	
3.	Identification of Antibiotics as Emerging Contaminants and Antimicrobial Resistance in Aquatic Environment of the Arges-Vedea, Buzau-Ialomita, Dobrogea-Litoral River Basins in Romania	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_47 pp 391-401	Mihaela Ilie, György Deák, Florica Marinescu, Gina Ghita, Carmen Tociu, Monica Silvia Matei, Ioana Savin, Madalina Boboc, Marius Constantin Raischi & Miruna Arsene	
4.	Green Smart System Based on AI for Ammonia and Hydrogen Eco-Friendly Use in Naval Transport from Protected Wetlands	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_32 pp 275-280	György Deák, Tudor Georgescu, Cosmin-Karl Bănică, Iasmina-Florina Burlacu, Irina Urloiu & Irnis Azura Zakarya	

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5.	The influence of atmospheric stability on PM10 concentrations in urban areas	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_7 pp 51-55	György Deak, Natalia Raischi, Lucian Lumînăroiu, Marius Raischi, Nicolae-Valentin Vladut, Raluca Prangate & Norazian Mohamed Noor	
6.	Changes of Carbon in a Hardwood Forest by Forecasts Using a Forest Model	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_3 pp 19-24	Norbert Bara, György Deák, Lucian Laslo, Anda Rotaru, Monica Matei, Madalina Boboc, Natalia Enache & Sara Yasina Yusuf	
7.	A Comparative Study on Generation and Composition of Food Waste in Desa Pandan Kuala Lumpur During Covid-19 Outbreak	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_8 pp 59-68	Irnis Azura Zakarya, Nur Adilah Rashidy, Tengku Nuraiti Tengku Izhar, Muhammad Haizar Ngaa & Lucian Laslo	
8.	A Study on the Environmental Impact During Distribution and Disposal Stages for the 3-Ply Face Masks by Using Life Cycle Assessment (LCA)	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_9 pp 69-79	Chow Suet Mun Christine, Tengku Nuraiti Tengku Izhar, Irnis Azura Zakarya, Sara Yasina Yusuf, Ayu Wazira Azhari & Madalina Boboc	

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9.	Comparative Evaluation of the Thermal Efficiency Between Rehabilitated and Non-rehabilitated Blocks by Using Thermography	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_10 pp 81-85	Natalia Enache, György Deák, Lucian Laslo, Anda Rotaru, Monica Matei, Mădălina Boboc & Nur Liza Rahim	
10.	Identification and Validation of a Method for Determining the Age of Sturgeons	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_18 pp 155-160	Tiberius Danalache, Elena Holban, György Deák, Razvan Matache, Raluca Prangate, Monica Matei, Madalina Boboc & Nor Wahidatul Azura Zainon Najib	
11.	Survey on Constraint in Application and Utilization of Biomass Conversion in Malaysia	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_23 pp 203-208	Fadhilah Izzati Abdul Rani, Nor Wahidatul Azura Zainon Najib, Nor Ashikin Ahmad, Firuz Zainuddin & Lucian Laslo	
12.	Urban Sustainable Development Solution for Irrigation Systems of Green Spaces Located on Buildings Based on a 3D Catalyst Immobilized on Fixed Support	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_26 pp 221-226	Iasmina-Florina Burlacu, György Deák, Lidia Favier, Irina Urloiu & Salwa Mohd Zaini Makhtar	

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13.	A Comprehensive Evaluation of Pozzolanic Activity of Ancient Brick Powders Wastes—BPW in Cement Based Materials	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_27 pp 229-234	Mihaela-Andreea Moncea, György Deák, Florina-Diana Dumitru, Roshazita Che Amat & Norlia Mohamad Ibrahim	
14.	Influence of Cement Paste Containing Municipal Solid Waste Bottom Ash on the Strength Behavior of Concrete	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_33 pp 281-289	Roshazita Che Amat, Norlia Mohamad Ibrahim, Nur Liza Rahim, Khairul Nizar Ismail, Ainaa Syamimi Abdul Hamid & Madalina Boboc	
15.	Iron Removal Efficiency in Synthetic Acid Mine Drainage (AMD) Treatment Using Peat Soil	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_35 pp 297-303	Mohd Syazwan Mohd Halim, Abdul Haqi Ibrahim, Tengku Nuraiti Tengku Izhar, Suhaina Ismail, Ku Esyra Hani Ku Ishak & Andreea Moncea	
16.	Performance of Two Phase Anaerobic Digestion on Food Waste for Biogas Production	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_36 pp 305-312	Irnis Azura Zakarya, Tengku Nuraiti Tengku Izhar, Siti Khadijah Zaaba, Nur Adlina Mohd Hilmi, Mohammad Rizam Che Beson & Monica Matei	

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17.	Assessment of Heavy Metal Pollution in Sediments and in Phragmites Australis from Argeş River	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_42 pp 355-360	Ecaterina Marcu, György Deák, Irina-Elena Ciobotaru, Iasmina-Florina Burlacu, Carmen Tociu & Abdul Haqi Ibrahim	
18.	Constructed Wetland-Microbial Fuel: Biotechnology for Simultaneous Wastewater Treatment and Electricity Generation	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_45 pp 379-384	Tean Peng Teoh, Soon An Ong, Yee Shian Wong, Li Ngee Ho, Norazian Mohamed Noor & Monica Matei	
19.	Natural Zeolite Modified with Oxidizing Agent	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_49 pp 411-418	Salwa Mohd Zaini Makhtar, Nor Amirah Abu Seman, Mahyun Ab Wahab, Ain Nihla Kamarudzaman & György Deák	
20.	Influence of Glucose Supplementation on the Organic Removal and Biomass Growth in Anaerobically Digested Vinasse (AnVE) by Using Aerobic Sequencing Batch Reactor (SBR)	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_48 pp 403-410	Wei-Chin Kee, Yee-Shian Wong, Soon-An Ong, Nabilah Aminah Lutpi, Sung-Ting Sam, Audrey Chai & György Deák	

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21.	Effect of Bottom Ash and Limestone on the Optimum Binder Content in Hot Mix Asphalt (HMA)	Lecture Notes in Civil, Engineering Book Series, vol 214 Publisher: Springer, Singapore https://doi.org/10.1007/978-981-16-7920-9_30 pp 253-265	Nur Liza Rahim, Syakirah Afiza Mohammed, Noor Aina Misnon, Nurhidayah Hamzah, Roshazita Che Amat, Norlia Mohamad Ibrahim, Christina Remmy Entalai & György Deák	
22.	A multi-objective optimization of the bi-enzymatic batch reactor used for mannitol production	Bulletin Inst. Politehnic Bucharest (Ser. Chimie), http://www.scientificbulletin.upb.ro , ISSN 1454-2331	Renea L., Maria G., Gijiu L.C., Maria Cristina	
23.	Carbon budget analysis in a forest district using a carbon dynamics model	Environmental Technology	Deak Gyorgy, Lucian Laslo, Puiu Lucian Georgescu, Monica Matei, Bara Norbert, Anda Rotaru, Catalina Iticescu, Madalina Boboc	
24.	New materials for finishing of ancient monuments and process of obtaining and applying.	International Journal of Conservation Science. Dec2021, Vol. 12 Issue 4, p1249-1258. 10p.	Sandu Ion, Deak Gyorgy, Yang Ding, Ivashko Yulia, Sandu Andrei Victor, Moncea Mihaela-Andreea, Sandu Ioan Gabriel	0,288
25.	Synthesis and characterization of an eco-friendly material for stone monuments preservation starting from the eggshells	International Journal of Conservation Science. Dec2021, Vol. 12 Issue 4, p1289-1296. 8p	Deák György, Moncea Mihaela-Andreea, Sandu Ion, Boboc Mădălina, Dumitru Florina-Diana, Ghiță Gina, Sandu Ioan Gabriel	0,288



Year 2021

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1.	Use of the bio-engineering technologies in the construction and upgrade of complex installations for obtaining energy from three renewable sources. Complex installations for flowing waters	E3S Web of Conferences; Les Ulis, Vol. 239, (2021). DOI:10.1051/e3sconf/202123900009	George Poteraş, György Deák, Iasmina-Florina Burlacu, Simona Natalia Raischi and Violeta-Monica Radu
2.	Agricultural soils evaluation, after use of diatomite as an ecological insecticide	ACTA TECHNICA CORVINIENSIS - Bulletin of Engineering Tome XIV [2021] Fascicule 2 [April - June]	Vasile Coman, Lucian Laslo, Natalia Andreea Enache, Anda Irena Rotaru, Mihai Matei, Norbert Bara, György Deák