Anna MarouÅ¡kovÃ¡

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9901153/publications.pdf

Version: 2024-02-01

47	1,509	471509	345221
papers	citations	17 h-index	36 g-index

47	47	47	1591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of Czech Subsidies for Solid Biofuels. International Journal of Green Energy, 2015, 12, 405-408.	3.8	294
2	Modified biochars present an economic challenge to phosphate management in wastewater treatment plants. Journal of Cleaner Production, 2020, 272, 123015.	9.3	111
3	Ferrous sludge from water clarification: Changes in waste management practices advisable. Journal of Cleaner Production, 2019, 218, 459-464.	9.3	99
4	Biochar pricing hampers biochar farming. Clean Technologies and Environmental Policy, 2016, 18, 1225-1231.	4.1	74
5	Determinants of Decarbonizationâ€"How to Realize Sustainable and Low Carbon Cities?. Energies, 2021, 14, 2640.	3.1	69
6	Economic Considerations on Nutrient Utilization in Wastewater Management. Energies, 2021, 14, 3468.	3.1	64
7	Postponing of the intracellular disintegration step improves efficiency of phytomass processing. Journal of Cleaner Production, 2018, 199, 173-176.	9.3	60
8	Polemics on Ethical Aspects in the Compost Business. Science and Engineering Ethics, 2016, 22, 581-590.	2.9	59
9	Advances in nutrient management make it possible to accelerate biogas production and thus improve the economy of food waste processing. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	2.3	58
10	Novel method for cultivating beetroot reduces nitrate content. Journal of Cleaner Production, 2017, 168, 60-62.	9.3	52
11	Economic impacts of soil fertility degradation by traces of iron from drinking water treatment. Environment, Development and Sustainability, 2022, 24, 4835-4844.	5.0	52
12	Biochar reduces nitrate level in red beet. Environmental Science and Pollution Research, 2018, 25, 18200-18203.	5.3	51
13	Financial and Biotechnological Assessment of New Oil Extraction Technology. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 1723-1728.	2.3	48
14	Techno-economic assessment of collagen casings waste management. International Journal of Environmental Science and Technology, 2015, 12, 3385-3390.	3.5	45
15	Silica Nanoparticles from Coir Pith Synthesized by Acidic Sol-Gel Method Improve Germination Economics. Polymers, 2022, 14, 266.	4.5	45
16	Techno-economic assessment of processing the cellulose casings waste. Clean Technologies and Environmental Policy, 2015, 17, 2441-2446.	4.1	44
17	Advances in the agrochemical utilization of fermentation residues reduce the cost of purpose-grown phytomass for biogas production. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-11.	2.3	43
18	Intelligent Street Lighting in a Smart City Conceptsâ€"A Direction to Energy Saving in Cities: An Overview and Case Study. Energies, 2021, 14, 3018.	3.1	42

#	Article	IF	Citations
19	Shower cooler reduces pollutants release in production of competitive cement substitute at low cost. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	2.3	37
20	Reengineering the paper mill waste management. Clean Technologies and Environmental Policy, 2016, 18, 323-329.	4.1	28
21	Economic, Environmental and Moral Acceptance of Renewable Energy: A Case Studyâ€"The Agricultural Biogas Plant at PÄ›ÄÃn. Science and Engineering Ethics, 2018, 24, 299-305.	2.9	15
22	Economic and environmental aspects of steam-explosion pretreatment. Waste and Biomass Valorization, 2016, 7, 1549-1554.	3.4	14
23	Obsolete Laws: Economic and Moral Aspects, Case Studyâ€"Composting Standards. Science and Engineering Ethics, 2017, 23, 1667-1672.	2.9	13
24	Techno-Economic Assessment: Food Emulsion Waste Management. Energies, 2020, 13, 4922.	3.1	13
25	Techno-economic analysis of waste paper energy utilization. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 3459-3463.	2.3	10
26	Charred fermentation residues accelerate methanogenesis and sorb air pollutants. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 301-305.	2.3	9
27	Updated energy policy of the Czech Republic may result in instability of the electricity grid in Central Europe. Clean Technologies and Environmental Policy, 2018, 20, 41-52.	4.1	8
28	Intracellular disintegration by shockwave pretreatment accelerates â€œdry fermentationâ€• Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 716-720.	2.3	7
29	The economic impact of biochar use in Central Europe. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2390-2396.	2.3	6
30	Techno - economic analysis of fermentation residues management places a question mark against current practices. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 721-726.	2.3	5
31	Implications of the EU green energy policy on financial performance of crop production and water management of topsoil. Clean Technologies and Environmental Policy, 2017, 19, 603-609.	4.1	4
32	Advances in economically driven optimization of processing of biosolids from sewage sludge. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2413-2417.	2.3	3
33	Appraisal of changes in sewage sludge management. International Journal of Environmental Science and Technology, 2016, 13, 1607-1614.	3.5	3
34	Economic aspects of carbon management in sewage sludge treatment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 485-490.	2.3	3
35	Assessment of shockwave pretreatment in biomass processing. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 1195-1199.	2.3	3
36	Valuation of New Inhibitors Detection Method. Waste and Biomass Valorization, 2018, 9, 1243-1246.	3.4	3

#	Article	IF	Citations
37	Advances in dry fermentation extends biowaste management possibilities. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 212-218.	2.3	3
38	Residues from Water Precipitation via Ferric Hydroxide Threaten Soil Fertility. Sustainability, 2021, 13, 4327.	3.2	3
39	Valuation of fermentation residues from biogas stations. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 905-910.	2.3	2
40	Changes in soil water retention following biochar amendment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-9.	2.3	2
41	Techno-economic appraisal of waste cellulose processing. Clean Technologies and Environmental Policy, 2016, 18, 1233-1237.	4.1	1
42	Moral Polemics of Far-Reaching Economic Consequences of Antibiotics Overuse. Science and Engineering Ethics, 2017, 23, 1035-1040.	2.9	1
43	Alternatives for the use of solid pyrolysis by-products for electricity generation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 1875-1878.	2.3	1
44	Daphnia magna demonstrated sufficient sensitivity in techno-economic optimization of lignocellulose bioethanol production. 3 Biotech, 2017, 7, 162.	2.2	1
45	Uncovering a New Moral Dilemma of Economic Optimization in Biotechnological Processing. Science and Engineering Ethics, 2018, 24, 1331-1338.	2.9	1
46	Energy recovery and economy aspects of steam-explosion pretreatment in waste phytomass management. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 3332-3337.	2.3	0
47	Shock Waves for Enhancing Extraction Yield. , 2021, , 439-443.		0