

Anna MarouÅ¡kovÅ¡

List of Publications by Year in descending order

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47
papers

1,509
citations

471509

17
h-index

345221

36
g-index

47
all docs

47
docs citations

47
times ranked

1591
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic impacts of soil fertility degradation by traces of iron from drinking water treatment. <i>Environment, Development and Sustainability</i> , 2022, 24, 4835-4844.	5.0	52
2	Silica Nanoparticles from Coir Pith Synthesized by Acidic Sol-Gel Method Improve Germination Economics. <i>Polymers</i> , 2022, 14, 266.	4.5	45
3	Shock Waves for Enhancing Extraction Yield. , 2021, , 439-443.		0
4	Residues from Water Precipitation via Ferric Hydroxide Threaten Soil Fertility. <i>Sustainability</i> , 2021, 13, 4327.	3.2	3
5	Determinants of Decarbonization—How to Realize Sustainable and Low Carbon Cities?. <i>Energies</i> , 2021, 14, 2640.	3.1	69
6	Intelligent Street Lighting in a Smart City Concepts—A Direction to Energy Saving in Cities: An Overview and Case Study. <i>Energies</i> , 2021, 14, 3018.	3.1	42
7	Economic Considerations on Nutrient Utilization in Wastewater Management. <i>Energies</i> , 2021, 14, 3468.	3.1	64
8	Advances in dry fermentation extends biowaste management possibilities. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 212-218.	2.3	3
9	Techno-Economic Assessment: Food Emulsion Waste Management. <i>Energies</i> , 2020, 13, 4922.	3.1	13
10	Modified biochars present an economic challenge to phosphate management in wastewater treatment plants. <i>Journal of Cleaner Production</i> , 2020, 272, 123015.	9.3	111
11	Ferrous sludge from water clarification: Changes in waste management practices advisable. <i>Journal of Cleaner Production</i> , 2019, 218, 459-464.	9.3	99
12	Charred fermentation residues accelerate methanogenesis and sorb air pollutants. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 301-305.	2.3	9
13	Updated energy policy of the Czech Republic may result in instability of the electricity grid in Central Europe. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 41-52.	4.1	8
14	Intracellular disintegration by shockwave pretreatment accelerates “dry fermentation”. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 716-720.	2.3	7
15	Economic, Environmental and Moral Acceptance of Renewable Energy: A Case Study—The Agricultural Biogas Plant at Pá. <i>Science and Engineering Ethics</i> , 2018, 24, 299-305.	2.9	15
16	Uncovering a New Moral Dilemma of Economic Optimization in Biotechnological Processing. <i>Science and Engineering Ethics</i> , 2018, 24, 1331-1338.	2.9	1
17	Valuation of New Inhibitors Detection Method. <i>Waste and Biomass Valorization</i> , 2018, 9, 1243-1246.	3.4	3
18	Techno - economic analysis of fermentation residues management places a question mark against current practices. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 721-726.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Postponing of the intracellular disintegration step improves efficiency of phytomass processing. <i>Journal of Cleaner Production</i> , 2018, 199, 173-176.	9.3	60
20	Biochar reduces nitrate level in red beet. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18200-18203.	5.3	51
21	Economic aspects of carbon management in sewage sludge treatment. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 485-490.	2.3	3
22	Assessment of shockwave pretreatment in biomass processing. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1195-1199.	2.3	3
23	Moral Polemics of Far-Reaching Economic Consequences of Antibiotics Overuse. <i>Science and Engineering Ethics</i> , 2017, 23, 1035-1040.	2.9	1
24	Valuation of fermentation residues from biogas stations. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 905-910.	2.3	2
25	Obsolete Laws: Economic and Moral Aspects, Case Study "Composting Standards. <i>Science and Engineering Ethics</i> , 2017, 23, 1667-1672.	2.9	13
26	Alternatives for the use of solid pyrolysis by-products for electricity generation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1875-1878.	2.3	1
27	Novel method for cultivating beetroot reduces nitrate content. <i>Journal of Cleaner Production</i> , 2017, 168, 60-62.	9.3	52
28	<i>Daphnia magna</i> demonstrated sufficient sensitivity in techno-economic optimization of lignocellulose bioethanol production. <i>3 Biotech</i> , 2017, 7, 162.	2.2	1
29	Implications of the EU green energy policy on financial performance of crop production and water management of topsoil. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 603-609.	4.1	4
30	Techno-economic appraisal of waste cellulose processing. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1233-1237.	4.1	1
31	Economic and environmental aspects of steam-explosion pretreatment. <i>Waste and Biomass Valorization</i> , 2016, 7, 1549-1554.	3.4	14
32	Biochar pricing hampers biochar farming. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1225-1231.	4.1	74
33	Advances in economically driven optimization of processing of biosolids from sewage sludge. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2413-2417.	2.3	3
34	The economic impact of biochar use in Central Europe. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2390-2396.	2.3	6
35	Appraisal of changes in sewage sludge management. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1607-1614.	3.5	3
36	Techno-economic analysis of waste paper energy utilization. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 3459-3463.	2.3	10

#	ARTICLE	IF	CITATIONS
37	Energy recovery and economy aspects of steam-explosion pretreatment in waste phytomass management. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 3332-3337.	2.3	0
38	Reengineering the paper mill waste management. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 323-329.	4.1	28
39	Polemics on Ethical Aspects in the Compost Business. <i>Science and Engineering Ethics</i> , 2016, 22, 581-590.	2.9	59
40	Analysis of Czech Subsidies for Solid Biofuels. <i>International Journal of Green Energy</i> , 2015, 12, 405-408.	3.8	294
41	Techno-economic assessment of collagen casings waste management. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3385-3390.	3.5	45
42	Financial and Biotechnological Assessment of New Oil Extraction Technology. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 1723-1728.	2.3	48
43	Techno-economic assessment of processing the cellulose casings waste. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 2441-2446.	4.1	44
44	Shower cooler reduces pollutants release in production of competitive cement substitute at low cost. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-10.	2.3	37
45	Advances in nutrient management make it possible to accelerate biogas production and thus improve the economy of food waste processing. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-10.	2.3	58
46	Advances in the agrochemical utilization of fermentation residues reduce the cost of purpose-grown phytomass for biogas production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-11.	2.3	43
47	Changes in soil water retention following biochar amendment. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-9.	2.3	2