

Tanja Radu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

592
citations

933447

10
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of soil pollution concentrations determined using AAS and portable XRF techniques. <i>Journal of Hazardous Materials</i> , 2009, 171, 1168-1171.	12.4	207
2	Effects of Dissolved Carbonate on Arsenic Adsorption and Mobility. <i>Environmental Science & Technology</i> , 2005, 39, 7875-7882.	10.0	116
3	Evaluation of Liquid and Solid Contact, Pb ²⁺ Selective Polymer Membrane Electrodes for Soil Analysis. <i>Electroanalysis</i> , 2008, 20, 340-346.	2.9	44
4	Ion selective electrodes in environmental analysis. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1729-1761.	0.8	43
5	Simultaneous Detection of Ammonium and Nitrate in Environmental Samples Using an Ion-Selective Electrode and Comparison with Portable Colorimetric Assays. <i>Sensors</i> , 2018, 18, 3555.	3.8	36
6	Portable X-Ray Fluorescence as a Rapid Technique for Surveying Elemental Distributions in Soil. <i>Spectroscopy Letters</i> , 2013, 46, 516-526.	1.0	28
7	Development of a scalable model for predicting arsenic transport coupled with oxidation and adsorption reactions. <i>Journal of Contaminant Hydrology</i> , 2008, 95, 30-41.	3.3	23
8	Nitrate contamination in drinking water and colorectal cancer: Exposure assessment and estimated health burden in New Zealand. <i>Environmental Research</i> , 2022, 204, 112322.	7.5	19
9	Bayesian Methods for Ion Selective Electrodes. <i>Electroanalysis</i> , 2012, 24, 316-324.	2.9	11
10	Carbon-negative biomethane fuel production: Integrating anaerobic digestion with algae-assisted biogas purification and hydrothermal carbonisation of digestate. <i>Biomass and Bioenergy</i> , 2021, 148, 106029.	5.7	10
11	Hydrothermal carbonisation of anaerobic digestate for hydro-char production and nutrient recovery. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107027.	6.7	10
12	Fibers and Fabrics for Chemical and Biological Sensing. <i>Research Journal of Textile and Apparel</i> , 2010, 14, 63-72.	1.1	9
13	Plasma-assisted pre-treatment of lignocellulosic biomass for anaerobic digestion. <i>Food and Bioprocess Technology</i> , 2020, 124, 287-295.	3.6	8
14	Bioengineered bioreactors: a review on enhancing biomethane and biohydrogen production by CFD modeling. <i>Bioengineered</i> , 2021, 12, 6418-6433.	3.2	8
15	Characterization of municipal solid waste residues for hydrothermal liquefaction into liquid transportation fuels. <i>Waste Management</i> , 2022, 140, 133-142.	7.4	7
16	Anaerobic digestion of mercury phytoextraction crops with intermediary stage bio-waste polymer treatment. <i>International Journal of Phytoremediation</i> , 2020, 22, 1431-1439.	3.1	4
17	Concurrent measurement of nitrate and ammonium in water and soil samples using ion-selective electrodes: Tackling sensitivity and precision issues. <i>Analytical Science Advances</i> , 2021, 2, 279-288.	2.8	3
18	Monitoring anaerobic digestion: a 2-year brewery case study. <i>Journal of Environmental Engineering and Science</i> , 2014, 9, 207-213.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Solid state anaerobic digestion of water poor feedstock for methane yield: an overview of process characteristics and challenges. Waste Disposal & Sustainable Energy, 2021, 3, 227-245.	2.5	2
20	Transport of As(III) and As(V) in Experimental Subsurface Systems. ACS Symposium Series, 2005, , 91-103.	0.5	1
21	Community scale, decentralised anaerobic digestion for energy and resource recovery. , 2016, , .		1
22	Ion-selective electrodes with polypyrrole- and poly(3-octylthiophene)-mediated internal solid contact in soil analysis. , 2007, , .		0
23	Operational experiences of industrial scale AD: Lessons for the future. , 2014, , .		0