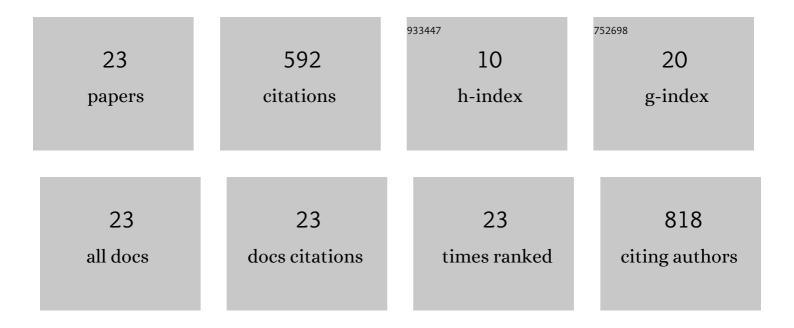
## Tanja Radu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1241912/publications.pdf Version: 2024-02-01



ΤΛΝΙΛ ΡΛΟΠ

#	Article	IF	CITATIONS
1	Nitrate contamination in drinking water and colorectal cancer: Exposure assessment and estimated health burden in New Zealand. Environmental Research, 2022, 204, 112322.	7.5	19
2	Hydrothermal carbonisation of anaerobic digestate for hydro-char production and nutrient recovery. Journal of Environmental Chemical Engineering, 2022, 10, 107027.	6.7	10
3	Characterization of municipal solid waste residues for hydrothermal liquefaction into liquid transportation fuels. Waste Management, 2022, 140, 133-142.	7.4	7
4	Concurrent measurement of nitrate and ammonium in water and soil samples using ionâ€selective electrodes: Tackling sensitivity and precision issues. Analytical Science Advances, 2021, 2, 279-288.	2.8	3
5	Carbon-negative biomethane fuel production: Integrating anaerobic digestion with algae-assisted biogas purification and hydrothermal carbonisation of digestate. Biomass and Bioenergy, 2021, 148, 106029.	5.7	10
6	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
7	Bioengineered bioreactors: a review on enhancing biomethane and biohydrogen production by CFD modeling. Bioengineered, 2021, 12, 6418-6433.	3.2	8
8	Plasma-assisted pre-treatment of lignocellulosic biomass for anaerobic digestion. Food and Bioproducts Processing, 2020, 124, 287-295.	3.6	8
9	Anaerobic digestion of mercury phytoextraction crops with intermediary stage bio-waste polymer treatment. International Journal of Phytoremediation, 2020, 22, 1431-1439.	3.1	4
10	Simultaneous Detection of Ammonium and Nitrate in Environmental Samples Using on Ion-Selective Electrode and Comparison with Portable Colorimetric Assays. Sensors, 2018, 18, 3555.	3.8	36
11	Community scale, decentralised anaerobic digestion for energy and resource recovery. , 2016, , .		1
12	Monitoring anaerobic digestion: a 2-year brewery case study. Journal of Environmental Engineering and Science, 2014, 9, 207-213.	0.8	2
13	Operational experiences of industrial scale AD: Lessons for the future. , 2014, , .		0
14	Portable X-Ray Fluorescence as a Rapid Technique for Surveying Elemental Distributions in Soil. Spectroscopy Letters, 2013, 46, 516-526.	1.0	28
15	lon selective electrodes in environmental analysis. Journal of the Serbian Chemical Society, 2013, 78, 1729-1761.	0.8	43
16	Bayesian Methods for Ion Selective Electrodes. Electroanalysis, 2012, 24, 316-324.	2.9	11
17	Fibers and Fabrics for Chemical and Biological Sensing. Research Journal of Textile and Apparel, 2010, 14, 63-72.	1.1	9
18	Comparison of soil pollution concentrations determined using AAS and portable XRF techniques. Journal of Hazardous Materials, 2009, 171, 1168-1171.	12.4	207

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#	Article	IF	CITATIONS
19	Evaluation of Liquid―and Solidâ€Contact, Pb <sup>2+</sup> â€Selective Polymerâ€Membrane Electrodes for Soil Analysis. Electroanalysis, 2008, 20, 340-346.	2.9	44
20	Development of a scalable model for predicting arsenic transport coupled with oxidation and adsorption reactions. Journal of Contaminant Hydrology, 2008, 95, 30-41.	3.3	23
21	Ion-selective electrodes with polypyrrole- and poly(3-octylthiophene)-mediated internal solid contact in soil analysis. , 2007, , .		0
22	Transport of As(III) and As(V) in Experimental Subsurface Systems. ACS Symposium Series, 2005, , 91-103.	0.5	1
23	Effects of Dissolved Carbonate on Arsenic Adsorption and Mobility. Environmental Science & Technology, 2005, 39, 7875-7882.	10.0	116