

# Margarida Ribau Teixeira

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,136  
citations

201575

27  
h-index

233338

45  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2662  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of membrane charge on nanofiltration performance. <i>Journal of Membrane Science</i> , 2005, 265, 160-166.	4.1	262
2	The use of <i>Moringa oleifera</i> as a natural coagulant in surface water treatment. <i>Chemical Engineering Journal</i> , 2017, 313, 226-237.	6.6	162
3	Comparing dissolved air flotation and conventional sedimentation to remove cyanobacterial cells of <i>Microcystis aeruginosa</i> . <i>Separation and Purification Technology</i> , 2006, 52, 84-94.	3.9	150
4	Worldwide cases of water pollution by emerging contaminants: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2311-2338.	8.3	117
5	Aggregation kinetics and surface charge of CuO nanoparticles: the influence of pH, ionic strength and humic acids. <i>Environmental Chemistry</i> , 2013, 10, 313.	0.7	99
6	Comparing dissolved air flotation and conventional sedimentation to remove cyanobacterial cells of <i>Microcystis aeruginosa</i> Part II. The effect of water background organics. <i>Separation and Purification Technology</i> , 2007, 53, 126-134.	3.9	95
7	Effects of silver nanoparticles exposure in the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2014, 101, 208-214.	1.1	81
8	Immunocytotoxicity, cytogenotoxicity and genotoxicity of cadmium-based quantum dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2014, 101, 29-37.	1.1	76
9	Investigating dissolved air flotation performance with cyanobacterial cells and filaments. <i>Water Research</i> , 2010, 44, 3337-3344.	5.3	64
10	Microcystins removal by nanofiltration membranes. <i>Separation and Purification Technology</i> , 2005, 46, 192-201.	3.9	61
11	Healthcare waste management practices and risk perceptions: Findings from hospitals in the Algarve region, Portugal. <i>Waste Management</i> , 2010, 30, 2657-2663.	3.7	61
12	Quantitative assessment of the valorisation of used cooking oils in 23 countries. <i>Waste Management</i> , 2018, 78, 611-620.	3.7	61
13	Metal-based engineered nanoparticles in the drinking water treatment systems: A critical review. <i>Science of the Total Environment</i> , 2020, 707, 136077.	3.9	60
14	The balanced scorecard as an integrated model applied to the Portuguese public service: a case study in the waste sector. <i>Journal of Cleaner Production</i> , 2012, 24, 20-29.	4.6	53
15	Social life cycle analysis as a tool for sustainable management of illegal waste dumping in municipal services. <i>Journal of Cleaner Production</i> , 2019, 210, 1141-1149.	4.6	51
16	Evaluating municipal solid waste management performance in regions with strong seasonal variability. <i>Ecological Indicators</i> , 2013, 30, 170-177.	2.6	44
17	Neurotoxic and hepatotoxic cyanotoxins removal by nanofiltration. <i>Water Research</i> , 2006, 40, 2837-2846.	5.3	42
18	The effect of TiO <sub>2</sub> nanoparticles removal on drinking water quality produced by conventional treatment C/F/S. <i>Water Research</i> , 2017, 109, 1-12.	5.3	42

#	ARTICLE	IF	CITATIONS
19	Green technologies for cyanobacteria and natural organic matter water treatment using natural based products. <i>Journal of Cleaner Production</i> , 2017, 162, 484-490.	4.6	41
20	Valorization of raw brewers'™ spent grain through the production of volatile fatty acids. <i>New Biotechnology</i> , 2020, 57, 4-10.	2.4	40
21	pH adjustment for seasonal control of UF fouling by natural waters. <i>Desalination</i> , 2003, 151, 165-175.	4.0	38
22	Effects of Copper Oxide Nanoparticles on Tissue Accumulation and Antioxidant Enzymes of <i>Galleria mellonella</i> L.. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 341-346.	1.3	36
23	Fouling of nanofiltration membrane: Effects of NOM molecular weight and microcystins. <i>Desalination</i> , 2013, 315, 149-155.	4.0	34
24	The impact of the water background inorganic matrix on the natural organic matter removal by nanofiltration. <i>Journal of Membrane Science</i> , 2006, 279, 513-520.	4.1	32
25	Toxicokinetics and tissue distribution of cadmium-based Quantum Dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2015, 204, 207-214.	3.7	32
26	Integration of dissolved gas flotation and nanofiltration for <i>M. aeruginosa</i> and associated microcystins removal. <i>Water Research</i> , 2006, 40, 3612-3620.	5.3	29
27	Performance indicators matrix as a methodology for energy management in municipal water services. <i>Journal of Cleaner Production</i> , 2016, 125, 108-120.	4.6	27
28	Chronic toxicity of polystyrene nanoparticles in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2022, 287, 132356.	4.2	25
29	Natural Organic Matter and Disinfection By-products Formation Potential in Water Treatment. <i>Water Resources Management</i> , 2011, 25, 3005-3015.	1.9	24
30	Immediate one-step lime precipitation and atmospheric carbonation as pre-treatment for low biodegradable and high nitrogen wastewaters: A case study of explosives industry. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103808.	3.3	21
31	Microalgal Systems for Wastewater Treatment: Technological Trends and Challenges towards Waste Recovery. <i>Energies</i> , 2021, 14, 8112.	1.6	21
32	Framework for the inter-comparison of ecological footprint of universities. <i>Ecological Indicators</i> , 2013, 32, 276-284.	2.6	18
33	Environmental impacts on soil and groundwater at airports: origin, contaminants of concern and environmental risks. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3026.	2.1	17
34	The impact of natural organic matter seasonal variations in drinking water quality. <i>Desalination and Water Treatment</i> , 2011, 36, 344-353.	1.0	15
35	Silver nanoparticles separation from the water using nanofiltration membranes: The role of mono-divalent salts and NOM. <i>Separation and Purification Technology</i> , 2015, 149, 165-173.	3.9	15
36	ELECTRODIALYTIC PROCESS OF NANOFILTRATION CONCENTRATES " PHOSPHORUS RECOVERY AND MICROCYSTINS REMOVAL. <i>Electrochimica Acta</i> , 2015, 181, 200-207.	2.6	14

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37	Stakeholders' Perceptions of New Digital Energy Management Platform in Municipality of Loul�, Southern Portugal: A SWOT-AHP Analysis. Sustainability, 2022, 14, 1445.	1.6	13
38	Development of a magnetic activated carbon adsorbent for the removal of common pharmaceuticals in wastewater treatment. International Journal of Environmental Science and Technology, 2021, 18, 2805-2818.	1.8	11
39	Removal of a mixture of metal nanoparticles from natural surface waters using traditional coagulation process. Journal of Water Process Engineering, 2020, 36, 101285.	2.6	9
40	Vertical flow constructed wetland as a green solution for low biodegradable and high nitrogen wastewater: A case study of explosives industry. Chemosphere, 2021, 272, 129871.	4.2	9
41	Conventional water treatment improvement through enhanced conventional and hybrid membrane processes to remove Ag, CuO and TiO2 nanoparticles mixture in surface waters. Separation and Purification Technology, 2020, 248, 117047.	3.9	7
42	Phosphorus Recovery from a Water Reservoir - Potential of Nanofiltration Coupled to Electrodialytic Process. Waste and Biomass Valorization, 2013, 4, 675-681.	1.8	5
43	Phosphorus recovery from waters using nanofiltration. Desalination and Water Treatment, 0, , 1-8.	1.0	5
44	Quantitative performance targets by using balanced scorecard system: Application to waste management and public administration. Waste Management and Research, 2014, 32, 927-936.	2.2	5
45	How does the adsorption of microcystins and anatoxin-a on nanofiltration membranes depend on their co-existence and on the water background matrix. Water Science and Technology, 2012, 66, 976-982.	1.2	3
46	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. Environmental Chemistry for A Sustainable World, 2021, , 1-111.	0.3	3
47	Monitoring of hazardous substances at Alcantarilha's water treatment plant, Portugal. Water Science and Technology: Water Supply, 2004, 4, 343-353.	1.0	2
48	The role of pH on the ultrafiltration for drinking water production in Algarve (Portugal). Water Science and Technology: Water Supply, 2002, 2, 367-371.	1.0	1
49	Nanofiltration Ability to Remove Copper Oxide and Silver Nanoparticles: The Role of Surface Charge and Size. Procedia Engineering, 2012, 44, 2061-2064.	1.2	0
50	A rapid small scale evaluation of ultrafiltration performance for surface water treatment at Alcantarilha's water treatment works (Algarve, Portugal). Water Science and Technology: Water Supply, 2004, 4, 199-206.	1.0	0
51	Life Cycle Assessment of Soil and Groundwater Remediation: Groundwater Impacts of Electrokinetic Remediation. , 2016, , 173-202.		0
52	Electrochemical Process for Phosphorus Recovery from Water Treatment Plants. , 2016, , 113-128.		0