

Giuliana Ferrero

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,138
citations

471509

17
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1417
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of removal of pharmaceuticals in MBR and activated sludge systems. <i>Desalination</i> , 2010, 250, 653-659.	8.2	289
2	Biological nutrient removal in an MBR treating municipal wastewater with special focus on biological phosphorus removal. <i>Bioresource Technology</i> , 2010, 101, 3984-3991.	9.6	129
3	Automatic control systems for submerged membrane bioreactors: A state-of-the-art review. <i>Water Research</i> , 2012, 46, 3421-3433.	11.3	62
4	An interdisciplinary political ecology of drinking water quality. Exploring socio-ecological inequalities in Lilongwe's water supply network. <i>Geoforum</i> , 2017, 84, 138-146.	2.5	55
5	Optimization of biological nutrient removal in a pilot plant UCT-MBR treating municipal wastewater during start-up. <i>Desalination</i> , 2010, 250, 592-597.	8.2	49
6	Occurrence of pharmaceuticals and UV filters in swimming pools and spas. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14431-14441.	5.3	46
7	Capacity building and training approaches for water safety plans: A comprehensive literature review. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 615-627.	4.3	46
8	Assessment of energy-saving strategies and operational costs in full-scale membrane bioreactors. <i>Journal of Environmental Management</i> , 2014, 134, 8-14.	7.8	40
9	Inequalities in microbial contamination of drinking water supplies in urban areas: the case of Lilongwe, Malawi. <i>Journal of Water and Health</i> , 2016, 14, 851-863.	2.6	37
10	Online monitoring of membrane fouling in submerged MBRs. <i>Desalination</i> , 2011, 277, 414-419.	8.2	36
11	Experiential Learning through Role-Playing: Enhancing Stakeholder Collaboration in Water Safety Plans. <i>Water (Switzerland)</i> , 2018, 10, 227.	2.7	36
12	Automatic control system for energy optimization in membrane bioreactors. <i>Desalination</i> , 2011, 268, 276-280.	8.2	35
13	Water supply and sanitation services in small towns in rural-urban transition zones: The case of Bushenyi-Ishaka Municipality, Uganda. <i>Npj Clean Water</i> , 2020, 3, .	8.0	29
14	Full-scale validation of an air scour control system for energy savings in membrane bioreactors. <i>Water Research</i> , 2015, 79, 1-9.	11.3	28
15	Low voltage iron electrocoagulation as a tertiary treatment of municipal wastewater: removal of enteric pathogen indicators and antibiotic-resistant bacteria. <i>Water Research</i> , 2021, 188, 116500.	11.3	26
16	Validation of large-volume batch solar reactors for the treatment of rainwater in field trials in sub-Saharan Africa. <i>Science of the Total Environment</i> , 2020, 717, 137223.	8.0	20
17	Potential transmission pathways of clinically relevant fungi in indoor swimming pool facilities. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 1107-1115.	4.3	19
18	Status of Water Safety Plan Development and Implementation in Uganda. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4096.	2.6	18

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19	Clinically relevant fungi in water and on surfaces in an indoor swimming pool facility. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1152-1160.	4.3	16
20	A knowledge-based control system for air-scour optimisation in membrane bioreactors. <i>Water Science and Technology</i> , 2011, 63, 2025-2031.	2.5	15
21	Application of UVOX RedoxÂ® for swimming pool water treatment: Microbial inactivation, disinfection byproduct formation and micropollutant removal. <i>Chemosphere</i> , 2019, 220, 176-184.	8.2	15
22	Knowledge-based control module for start-up of flat sheet MBRs. <i>Bioresource Technology</i> , 2012, 106, 50-54.	9.6	14
23	Knowledge-based system for automatic MBR control. <i>Water Science and Technology</i> , 2010, 62, 2829-2836.	2.5	13
24	Development of a control algorithm for air-scour reduction in membrane bioreactors for wastewater treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 784-789.	3.2	11
25	Do health risk perceptions motivate water - and health-related behaviour? A systematic literature review. <i>Science of the Total Environment</i> , 2022, 819, 152902.	8.0	10
26	Water management practices in Euro-Mediterranean hotels and resorts. <i>International Journal of Water Resources Development</i> , 2023, 39, 485-506.	2.0	8
27	Effect of operational strategies on microbial water quality in small scale intermittent water supply systems: The case of Moamba, Mozambique. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113794.	4.3	7
28	Combining Sanitary Inspection and Water Quality Data in Western Uganda: Lessons Learned from a Field Trial of Original and Revised Sanitary Inspection Forms. <i>Resources</i> , 2020, 9, 150.	3.5	6
29	Assessment of the 20L SODIS bucket household water treatment technology under field conditions in rural Malawi. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113913.	4.3	6
30	Removal of taste and odor causing compounds by UV/H ₂ O ₂ treatment: effect of the organic and inorganic water matrix. <i>Desalination and Water Treatment</i> , 0, , 1-10.	1.0	5
31	The Urban Metabolism of Waterborne Diseases: Variegated Citizenship, (Waste)Water Flows, and Climatic Variability in Maputo, Mozambique. <i>Annals of the American Association of Geographers</i> , 2022, 112, 1159-1178.	2.2	4
32	Water safety management during the initial phase of the Covid-19 pandemic: challenges, responses and guidance. <i>International Journal of Water Resources Development</i> , 2023, 39, 337-359.	2.0	4
33	Mapping Heavy Metal Pollution of Soils Affected by Metallurgical Point-Source Pollution Near Barcelona (Spain). , 2006, , .		1
34	Development of an algorithm for air-scour optimization in membrane bioreactors. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011, 44, 3795-3799.	0.4	0