

Roberta Pedrazzani

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,704
citations

377584

21
h-index

312153

41
g-index

50
all docs

50
docs citations

50
times ranked

3193
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the quality of wastewater treatment plant monitoring by adopting proper sampling strategies and data processing criteria. <i>Science of the Total Environment</i> , 2022, 806, 150724.	3.9	13
2	Numerical Analysis of a Full-Scale Thermophilic Biological System and Investigation of Nitrate and Ammonia Fates. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6952.	1.3	4
3	Analysis of lockdown for CoViD-19 impact on NO ₂ in London, Milan and Paris: What lesson can be learnt?. <i>Chemical Engineering Research and Design</i> , 2021, 146, 952-960.	2.7	28
4	Can particulate matter be identified as the primary cause of the rapid spread of CoViD-19 in some areas of Northern Italy?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 33120-33132.	2.7	19
5	Genotoxic Activity of Particulate Matter and In Vivo Tests in Children Exposed to Air Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5345.	1.2	4
6	Environmental Footprint of Wastewater Treatment: A Step Forward in the Use of Toxicological Tools. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6827.	1.2	9
7	Promoting biological phosphorus removal in a full scale pre-denitrification wastewater treatment plant. <i>Journal of Environmental Management</i> , 2020, 254, 109803.	3.8	24
8	Lockdown for CoViD-2019 in Milan: What are the effects on air quality?. <i>Science of the Total Environment</i> , 2020, 732, 139280.	3.9	438
9	Long-term investigation on the removal of perfluoroalkyl substances in a full-scale drinking water treatment plant in the Veneto Region, Italy. <i>Science of the Total Environment</i> , 2020, 734, 139154.	3.9	18
10	SARS-CoV-2 in sewer systems and connected facilities. <i>Chemical Engineering Research and Design</i> , 2020, 143, 196-203.	2.7	75
11	Methodological Protocol for Assessing the Environmental Footprint by Means of Ecotoxicological Tools: Wastewater Treatment Plants as an Example Case. <i>Methods in Pharmacology and Toxicology</i> , 2020, , 305-327.	0.1	9
12	“Risk is in the air”: Polycyclic aromatic hydrocarbons, metals and mutagenicity of atmospheric particulate matter in a town of Northern Italy (Respira study). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 35-49.	0.9	31
13	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. <i>Science of the Total Environment</i> , 2019, 651, 3202-3221.	3.9	57
14	The role of bioassays in the evaluation of ecotoxicological aspects within the PEF/OEF protocols: The case of WWTPs. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 742-748.	2.9	9
15	Air, water and soil: Which alternatives? Alternative models in environmental toxicology. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 254-256.	0.9	3
16	Synergy between anaerobic digestion and a post-treatment based on Thermophilic Aerobic Membrane Reactor (TAMR). <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1802-1809.	1.3	6
17	H ₂ O ₂ Based Oxidation Processes for the Treatment of Real High Strength Aqueous Wastes. <i>Sustainability</i> , 2017, 9, 244.	1.6	44
18	Rheology and Microbiology of Sludge from a Thermophilic Aerobic Membrane Reactor. <i>Journal of Chemistry</i> , 2017, 2017, 1-19.	0.9	9

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19	Advanced Oxidation Processes for Antibiotics Removal: A Review. <i>Current Organic Chemistry</i> , 2017, 21, 1054-1067.	0.9	75
20	Suitability of Sludge Biotic Index (SBI), Sludge Index (SI) and filamentous bacteria analysis for assessing activated sludge process performance: the case of piggery slaughterhouse wastewater. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 953-964.	1.4	14
21	Municipal wastewater affects adipose deposition in male mice and increases 3T3-L1 cell differentiation. <i>Toxicology and Applied Pharmacology</i> , 2016, 297, 32-40.	1.3	31
22	The assessment of WWTP performance: Towards a jigsaw puzzle evaluation?. <i>Chemosphere</i> , 2016, 145, 291-300.	4.2	31
23	Anaerobic treatability of liquid residue from wet oxidation of sewage sludge. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7317-7326.	2.7	11
24	High-strength wastewater treatment in a pure oxygen thermophilic process: 11-year operation and monitoring of different plant configurations. <i>Water Science and Technology</i> , 2015, 71, 588-596.	1.2	22
25	How can sludge dewatering devices be assessed? Development of a new DSS and its application to real case studies. <i>Journal of Environmental Management</i> , 2014, 137, 86-92.	3.8	26
26	EDCs, estrogenicity and genotoxicity reduction in a mixed (domestic + textile) secondary effluent by means of ozonation: A full-scale experience. <i>Science of the Total Environment</i> , 2013, 458-460, 160-168.	3.9	54
27	How green are environmental technologies? A new approach for a global evaluation: The case of WWTP effluents ozonation. <i>Water Research</i> , 2013, 47, 3679-3687.	5.3	27
28	Bio-P release in the final clarifiers of a large WWTP with co-precipitation: Key factors and troubleshooting. <i>Chemical Engineering Journal</i> , 2013, 230, 195-201.	6.6	13
29	“You’ve got m@il: Fluoxetine coming soon!”™: Accessibility and quality of a prescription drug sold on the web. <i>International Journal of Drug Policy</i> , 2013, 24, 392-401.	1.6	22
30	Licit and illicit drugs in a wastewater treatment plant in Verona, Italy. <i>Science of the Total Environment</i> , 2013, 463-464, 27-34.	3.9	46
31	Tertiary ozonation of industrial wastewater for the removal of estrogenic compounds (NP and BPA): a full-scale case study. <i>Water Science and Technology</i> , 2013, 68, 567-574.	1.2	13
32	Microfluidic Sensor for Noncontact Detection of Cell Flow in a Microchannel. <i>Procedia Engineering</i> , 2012, 47, 1247-1250.	1.2	5
33	Biodegradability, toxicity and mutagenicity of detergents: Integrated experimental evaluations. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 274-281.	2.9	45
34	Removal of Trace Pollutants by Application of MBR Technology for Wastewater Treatment. <i>Springer Briefs in Molecular Science</i> , 2012, , 31-43.	0.1	1
35	Effect of biological and chemical oxidation on the removal of estrogenic compounds (NP and BPA) from wastewater: An integrated assessment procedure. <i>Water Research</i> , 2011, 45, 2473-2484.	5.3	61
36	Removal of endocrine disrupting compounds from wastewater treatment plant effluents by means of advanced oxidation. <i>Water Science and Technology</i> , 2010, 61, 1663-1671.	1.2	20

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37	Integration between chemical oxidation and membrane thermophilic biological process. <i>Water Science and Technology</i> , 2010, 61, 227-234.	1.2	21
38	Removal of BPA and NPnEOs from Secondary Effluents of Municipal WWTPs by Means of Ozonation. <i>Ozone: Science and Engineering</i> , 2010, 32, 204-208.	1.4	14
39	Transformation in calcium carbonate stones: some examples. <i>Phase Transitions</i> , 2008, 81, 155-178.	0.6	10
40	Biomaterial thin film deposition and characterization by means of MAPLE technique. <i>Materials Science and Engineering C</i> , 2007, 27, 1185-1190.	3.8	30
41	Bacterial and fungal deterioration of the Milan Cathedral marble treated with protective synthetic resins. <i>Science of the Total Environment</i> , 2007, 385, 172-181.	3.9	109
42	Laboratory Microbeam Analysis Applied to Cultural Heritage Studies. <i>Mikrochimica Acta</i> , 2006, 155, 101-104.	2.5	10
43	Study of sulphation of Candoglia marble by means of micro X-ray diffraction experiments. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 83, 689-694.	1.1	19
44	Bacteria enclosure between silica-coated membranes for the degradation of organic compounds in contaminated water. <i>Water Research</i> , 2005, 39, 2056-2064.	5.3	4
45	A Comparison Among Different Wastewater Disinfection Systems: Experimental Results. <i>Environmental Technology (United Kingdom)</i> , 2000, 21, 1-16.	1.2	37
46	The influence of different disinfectants on mutagenicity and toxicity of urban wastewater. <i>Water Research</i> , 2000, 34, 4261-4269.	5.3	133