

Paola Verlicchi

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,207
citations

304701

22
h-index

243610

44
g-index

53
all docs

53
docs citations

53
times ranked

5905
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of pharmaceutical compounds in urban wastewater: Removal, mass load and environmental risk after a secondary treatment – A review. <i>Science of the Total Environment</i> , 2012, 429, 123-155.	8.0	1,681
2	Hospital effluents as a source of emerging pollutants: An overview of micropollutants and sustainable treatment options. <i>Journal of Hydrology</i> , 2010, 389, 416-428.	5.4	635
3	Hospital effluent: Investigation of the concentrations and distribution of pharmaceuticals and environmental risk assessment. <i>Science of the Total Environment</i> , 2012, 430, 109-118.	8.0	475
4	Pharmaceuticals and personal care products in untreated and treated sewage sludge: Occurrence and environmental risk in the case of application on soil – A critical review. <i>Science of the Total Environment</i> , 2015, 538, 750-767.	8.0	382
5	Monitoring release of pharmaceutical compounds: Occurrence and environmental risk assessment of two WWTP effluents and their receiving bodies in the Po Valley, Italy. <i>Science of the Total Environment</i> , 2012, 438, 15-25.	8.0	309
6	How efficient are constructed wetlands in removing pharmaceuticals from untreated and treated urban wastewaters? A review. <i>Science of the Total Environment</i> , 2014, 470-471, 1281-1306.	8.0	259
7	What have we learned from worldwide experiences on the management and treatment of hospital effluent? – An overview and a discussion on perspectives. <i>Science of the Total Environment</i> , 2015, 514, 467-491.	8.0	242
8	A framework for the assessment of the environmental risk posed by pharmaceuticals originating from hospital effluents. <i>Science of the Total Environment</i> , 2014, 493, 54-64.	8.0	128
9	Comparison of measured and predicted concentrations of selected pharmaceuticals in wastewater and surface water: A case study of a catchment area in the Po Valley (Italy). <i>Science of the Total Environment</i> , 2014, 470-471, 844-854.	8.0	127
10	Removal of selected pharmaceuticals from domestic wastewater in an activated sludge system followed by a horizontal subsurface flow bed – Analysis of their respective contributions. <i>Science of the Total Environment</i> , 2013, 454-455, 411-425.	8.0	109
11	A review of the occurrence of selected micropollutants and microorganisms in different raw and treated manure – Environmental risk due to antibiotics after application to soil. <i>Science of the Total Environment</i> , 2020, 707, 136118.	8.0	106
12	Removal and accumulation of Cu, Ni and Zn in horizontal subsurface flow constructed wetlands: Contribution of vegetation and filling medium. <i>Science of the Total Environment</i> , 2010, 408, 5097-5105.	8.0	102
13	Management of hospital wastewaters: the case of the effluent of a large hospital situated in a small town. <i>Water Science and Technology</i> , 2010, 61, 2507-2519.	2.5	74
14	Paracetamol removal in subsurface flow constructed wetlands. <i>Journal of Hydrology</i> , 2011, 404, 130-135.	5.4	72
15	Predicted and measured concentrations of pharmaceuticals in hospital effluents. Examination of the strengths and weaknesses of the two approaches through the analysis of a case study. <i>Science of the Total Environment</i> , 2016, 565, 82-94.	8.0	60
16	Activated carbon coupled with advanced biological wastewater treatment: A review of the enhancement in micropollutant removal. <i>Science of the Total Environment</i> , 2021, 790, 148050.	8.0	49
17	Contributions of combined sewer overflows and treated effluents to the bacterial load released into a coastal area. <i>Science of the Total Environment</i> , 2017, 607-608, 483-496.	8.0	45
18	A project of reuse of reclaimed wastewater in the Po Valley, Italy: Polishing sequence and cost benefit analysis. <i>Journal of Hydrology</i> , 2012, 432-433, 127-136.	5.4	38

#	ARTICLE	IF	CITATIONS
19	Surface Water and Groundwater Quality in South Africa and Mozambique—Analysis of the Most Critical Pollutants for Drinking Purposes and Challenges in Water Treatment Selection. <i>Water (Switzerland)</i> , 2020, 12, 305.	2.7	37
20	Electrochemical disinfection of groundwater for civil use — An example of an effective endogenous advanced oxidation process. <i>Chemosphere</i> , 2018, 207, 101-109.	8.2	31
21	A review of selected microcontaminants and microorganisms in land runoff and tile drainage in treated sludge-amended soils. <i>Science of the Total Environment</i> , 2019, 655, 939-957.	8.0	28
22	Hospital Wastewater Treatments Adopted in Asia, Africa, and Australia. <i>Handbook of Environmental Chemistry</i> , 2017, , 171-188.	0.4	25
23	Wastewater polishing index: a tool for a rapid quality assessment of reclaimed wastewater. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 267-277.	2.7	23
24	A promising practice to reclaim treated wastewater for reuse: Chemical disinfection followed by natural systems. <i>Desalination</i> , 2009, 247, 490-508.	8.2	19
25	Removal of Pharmaceuticals by Conventional Wastewater Treatment Plants. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 231-286.	1.3	18
26	A numerical procedure for assessing risks from road transport of dangerous substances. <i>Journal of Loss Prevention in the Process Industries</i> , 1995, 8, 245-252.	3.3	17
27	Improvement in the removal of micropollutants at Porto Marghera industrial wastewaters treatment plant by MBR technology. <i>Water Science and Technology</i> , 2008, 58, 1789-1796.	2.5	15
28	Trends, new insights and perspectives in the treatment of hospital effluents. <i>Current Opinion in Environmental Science and Health</i> , 2021, 19, 100217.	4.1	15
29	Occurrence of Common Pollutants and Pharmaceuticals in Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017, , 17-32.	0.4	11
30	Occurrence of Micropollutants in Wastewater and Evaluation of Their Removal Efficiency in Treatment Trains: The Influence of the Adopted Sampling Mode. <i>Water (Switzerland)</i> , 2019, 11, 1152.	2.7	10
31	Willingness to Pay for Recreational Benefit Evaluation in a Wastewater Reuse Project. Analysis of a Case Study. <i>Water (Switzerland)</i> , 2018, 10, 922.	2.7	8
32	Zootechnical Farm Wastewaters in Ecuador: A Treatment Proposal and Cost-benefit Analysis. <i>Water (Switzerland)</i> , 2019, 11, 779.	2.7	7
33	Pharmaceutical Residues in Sewage Treatment Works and their Fate in the Receiving Environment. <i>Issues in Environmental Science and Technology</i> , 2015, , 120-179.	0.4	7
34	Efficacy and Reliability of Upgraded Industrial Treatment Plant at Porto Marghera, near Venice, Italy, in Removing Nutrients and Dangerous Micropollutants from Petrochemical Wastewaters. <i>Water Environment Research</i> , 2011, 83, 739-749.	2.7	6
35	Micro-pollutants in Hospital Effluent: Their Fate, Risk and Treatment Options. <i>Handbook of Environmental Chemistry</i> , 2012, , 139-171.	0.4	6
36	Most relevant sources and emission pathways of pollution for selected pharmaceuticals in a catchment area based on substance flow analysis. <i>Science of the Total Environment</i> , 2021, 751, 142328.	8.0	6

#	ARTICLE	IF	CITATIONS
37	Hospital Wastewaters: Quali-Quantitative Characterization and for Strategies for Their Treatment and Disposal. , 2013, , 225-251.		5
38	SWOT-SOR Analysis of Activated Carbon-Based Technologies and O3/UV Process as Polishing Treatments for Hospital Effluent. Water (Switzerland), 2022, 14, 243.	2.7	4
39	Removal of Personal Care Products in Constructed Wetlands. Handbook of Environmental Chemistry, 2014, , 319-353.	0.4	3
40	Removal of micropollutants using a membrane bioreactor coupled with powdered activated carbon â€” A statistical analysis approach. Science of the Total Environment, 2022, 840, 156557.	8.0	3
41	Editorial: Full-scale investigations in water and wastewater treatment. Water Science and Technology, 2015, 71, 463-467.	2.5	2
42	Final Remarks and Perspectives on the Management and Treatment of Hospital Effluents. Handbook of Environmental Chemistry, 2017, , 231-238.	0.4	2
43	New Insights into the Occurrence of Micropollutants and the Management and Treatment of Hospital Effluent. Handbook of Environmental Chemistry, 2020, , 53-96.	0.4	2
44	Surface and Groundwater Quality in South African Areaâ€”Analysis of the Most Critical Pollutants for Drinking Purposes. Proceedings (mdpi), 2020, 48, 3.	0.2	2
45	Occurrence of Cytostatics in Different Water Compartments. , 2020, , 221-244.		1
46	Feasibility evaluation in reclaimed water reuse projects through the analysis of some case studies. Advances in Chemical Pollution, Environmental Management and Protection, 2020, , 221-252.	0.5	1
47	Pharmaceutical Concentrations and Loads in Hospital Effluents: Is a Predictive Model or Direct Measurement the Most Accurate Approach?. Handbook of Environmental Chemistry, 2016, , 101-133.	0.4	0
48	Silvio Vaz Jr.: Analytical chemistry applied to emerging pollutants. Analytical and Bioanalytical Chemistry, 2019, 411, 289-290.	3.7	0
49	A New Alternative for Flocculation with Moringa Oleifera in Ecuador. Proceedings (mdpi), 2020, 48, 24.	0.2	0
50	Contribution of Land Runoff to the Release of Pesticides into Water Bodies in Arable Areas. Handbook of Environmental Chemistry, 2021, , 225-249.	0.4	0