

Massimiliano Sgroi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,720
citations

430754

18
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

1876
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of poly- and perfluoroalkyl substances (PFAS) from water by adsorption: Role of PFAS chain length, effect of organic matter and challenges in adsorbent regeneration. <i>Water Research</i> , 2020, 171, 115381.	5.3	479
2	N-Nitrosodimethylamine (NDMA) and its precursors in water and wastewater: A review on formation and removal. <i>Chemosphere</i> , 2018, 191, 685-703.	4.2	144
3	Use of fluorescence EEM to monitor the removal of emerging contaminants in full scale wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2017, 323, 367-376.	6.5	126
4	Predicting trace organic compound breakthrough in granular activated carbon using fluorescence and UV absorbance as surrogates. <i>Water Research</i> , 2015, 76, 76-87.	5.3	111
5	Feasibility, sustainability and circular economy concepts in water reuse. <i>Current Opinion in Environmental Science and Health</i> , 2018, 2, 20-25.	2.1	111
6	Removal of organic carbon, nitrogen, emerging contaminants and fluorescing organic matter in different constructed wetland configurations. <i>Chemical Engineering Journal</i> , 2018, 332, 619-627.	6.6	109
7	N-Nitrosodimethylamine Formation upon Ozonation and Identification of Precursors Source in a Municipal Wastewater Treatment Plant. <i>Environmental Science & Technology</i> , 2014, 48, 10308-10315.	4.6	82
8	Enhancement of total nitrogen removal through effluent recirculation and fate of PPCPs in a hybrid constructed wetland system treating urban wastewater. <i>Science of the Total Environment</i> , 2017, 584-585, 414-425.	3.9	75
9	Monitoring the Behavior of Emerging Contaminants in Wastewater-Impacted Rivers Based on the Use of Fluorescence Excitation Emission Matrixes (EEM). <i>Environmental Science & Technology</i> , 2017, 51, 4306-4316.	4.6	74
10	Comparison of AOPs at pilot scale: Energy costs for micro-pollutants oxidation, disinfection by-products formation and pathogens inactivation. <i>Chemosphere</i> , 2021, 273, 128527.	4.2	60
11	Comparison of the new Cl ₂ /O ₃ /UV process with different ozone- and UV-based AOPs for wastewater treatment at pilot scale: Removal of pharmaceuticals and changes in fluorescing organic matter. <i>Science of the Total Environment</i> , 2021, 765, 142720.	3.9	58
12	N-nitrosodimethylamine (NDMA) formation at an indirect potable reuse facility. <i>Water Research</i> , 2015, 70, 174-183.	5.3	57
13	Modeling emerging contaminants breakthrough in packed bed adsorption columns by UV absorbance and fluorescing components of dissolved organic matter. <i>Water Research</i> , 2018, 145, 667-677.	5.3	57
14	N-nitrosodimethylamine (NDMA) formation during ozonation of wastewater and water treatment polymers. <i>Chemosphere</i> , 2016, 144, 1618-1623.	4.2	36
15	Spectroscopic surrogates for real time monitoring of water quality in wastewater treatment and water reuse. <i>Current Opinion in Environmental Science and Health</i> , 2018, 2, 12-19.	2.1	35
16	Synthesis of zeolite from volcanic ash: Characterization and application for cesium removal. <i>Microporous and Mesoporous Materials</i> , 2021, 319, 111045.	2.2	26
17	Inner filter effect, suspended solids and nitrite/nitrate interferences in fluorescence measurements of wastewater organic matter. <i>Science of the Total Environment</i> , 2020, 711, 134663.	3.9	21
18	Absorbance and EEM fluorescence of wastewater: Effects of filters, storage conditions, and chlorination. <i>Chemosphere</i> , 2020, 243, 125292.	4.2	18

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19	Removal of ammonium from wastewater by zeolite synthesized from volcanic ash: Batch and column tests. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107539.	3.3	14
20	Water-Energy-Food-Climate Nexus in an Integrated Peri-Urban Wastewater Treatment and Reuse System: From Theory to Practice. <i>Sustainability</i> , 2021, 13, 10952.	1.6	12
21	Data on the inner filter effect, suspended solids and nitrate interferences in fluorescence measurements of wastewater organic matter. <i>Data in Brief</i> , 2020, 28, 104869.	0.5	2
22	Data on the effects of filters, storage conditions, and chlorination in fluorescence and absorbance wastewater measurements. <i>Data in Brief</i> , 2020, 28, 105099.	0.5	2