

Antonino Fiorentino

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

741
citations

13
h-index

19
g-index

19
ext. papers

904
ext. citations

9.5
avg, IF

4.32
L-index

#	Paper	IF	Citations
19	Fe ³⁺ -IDS as a new green catalyst for water treatment by photo-Fenton process at neutral pH. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106802	6.8	3
18	Review of aminopolycarboxylic acids based metal complexes application to water and wastewater treatment by (photo-)Fenton process at neutral pH. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 28, 100451	7.9	9
17	Effect of the aqueous matrix on the inactivation of E. coli by permaleic acid. <i>Science of the Total Environment</i> , 2021 , 767, 144395	10.2	1
16	New analytical approach to monitoring air quality in historical monuments through the isotopic ratio of CO. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	8
15	Multi-barrier treatment of mature landfill leachate: effect of Fenton oxidation and air stripping on activated sludge process and cost analysis. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104444	6.8	7
14	Combination of flow cytometry and molecular analysis to monitor the effect of UVC/HO vs UVC/HO/Cu-IDS processes on pathogens and antibiotic resistant genes in secondary wastewater effluents. <i>Water Research</i> , 2020 , 184, 116194	12.5	16
13	Effect of solar photo-Fenton process in raceway pond reactors at neutral pH on antibiotic resistance determinants in secondary treated urban wastewater. <i>Journal of Hazardous Materials</i> , 2019 , 378, 120737	12.8	49
12	Effluents of wastewater treatment plants promote the rapid stabilization of the antibiotic resistome in receiving freshwater bodies. <i>Water Research</i> , 2019 , 158, 72-81	12.5	50
11	Impact of industrial wastewater on the dynamics of antibiotic resistance genes in a full-scale urban wastewater treatment plant. <i>Science of the Total Environment</i> , 2019 , 646, 1204-1210	10.2	32
10	High-quality treated wastewater causes remarkable changes in natural microbial communities and intl1 gene abundance. <i>Water Research</i> , 2019 , 167, 114895	12.5	23
9	Simulating the fate of indigenous antibiotic resistant bacteria in a mild slope wastewater polluted stream. <i>Journal of Environmental Sciences</i> , 2018 , 69, 95-104	6.4	14
8	Disinfection of urban wastewater by a new photo-Fenton like process using Cu-iminodisuccinic acid complex as catalyst at neutral pH. <i>Water Research</i> , 2018 , 146, 206-215	12.5	35
7	Comparing TiO photocatalysis and UV-C radiation for inactivation and mutant formation of Salmonella typhimurium TA102. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 1871-1879	5.1	11
6	Inactivation of Escherichia coli and Enterococci in urban wastewater by sunlight/PAA and sunlight/H ₂ O ₂ processes. <i>Chemical Engineering Research and Design</i> , 2016 , 104, 178-184	5.5	28
5	Inactivation and regrowth of multidrug resistant bacteria in urban wastewater after disinfection by solar-driven and chlorination processes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 148, 43-50	6.7	96
4	Advanced treatment of urban wastewater by sand filtration and graphene adsorption for wastewater reuse: Effect on a mixture of pharmaceuticals and toxicity. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 122-128	6.8	54
3	Urban wastewater disinfection for agricultural reuse: effect of solar driven AOPs in the inactivation of a multidrug resistant E. coli strain. <i>Applied Catalysis B: Environmental</i> , 2015 , 178, 65-73	21.8	92

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| 2 | Disinfection of urban wastewater by solar driven and UV lamp - TiO ₂ photocatalysis: effect on a multi drug resistant Escherichia coli strain. <i>Water Research</i> , 2014 , 53, 145-52 | 12.5 | 121 |
| 1 | Advanced treatment of urban wastewater by UV radiation: Effect on antibiotics and antibiotic-resistant E. coli strains. <i>Chemosphere</i> , 2013 , 92, 171-6 | 8.4 | 92 |