Antonino Fiorentino

List of Publications by Citations

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	Disinfection of urban wastewater by solar driven and UV lamp - TiO photocatalysis: effect on a multi drug resistant Escherichia coli strain. *Water Research*, **2014**, 53, 145-52	12.5	121
18	Inactivation and regrowth of multidrug resistant bacteria in urban wastewater after disinfection by solar-driven and chlorination processes. *Journal of Photochemistry and Photobiology B: Biology*, **2015**, 148, 43-50	6.7	96
17	Advanced treatment of urban wastewater by UV radiation: Effect on antibiotics and antibiotic-resistant E. coli strains. *Chemosphere*, **2013**, 92, 171-6	8.4	92
16	Urban wastewater disinfection for agricultural reuse: effect of solar driven AOPs in the inactivation of a multidrug resistant E. coli strain. *Applied Catalysis B: Environmental*, **2015**, 178, 65-73	21.8	92
15	Advanced treatment of urban wastewater by sand filtration and graphene adsorption for wastewater reuse: Effect on a mixture of pharmaceuticals and toxicity. *Journal of Environmental Chemical Engineering*, **2015**, 3, 122-128	6.8	54
14	Effluents of wastewater treatment plants promote the rapid stabilization of the antibiotic resistome in receiving freshwater bodies. *Water Research*, **2019**, 158, 72-81	12.5	50
13	Effect of solar photo-Fenton process in raceway pond reactors at neutral pH on antibiotic resistance determinants in secondary treated urban wastewater. *Journal of Hazardous Materials*, **2019**, 378, 120737	12.8	49
12	Disinfection of urban wastewater by a new photo-Fenton like process using Cu-iminodisuccinic acid complex as catalyst at neutral pH. *Water Research*, **2018**, 146, 206-215	12.5	35
11	Impact of industrial wastewater on the dynamics of antibiotic resistance genes in a full-scale urban wastewater treatment plant. *Science of the Total Environment*, **2019**, 646, 1204-1210	10.2	32
10	Inactivation of Escherichia coli and Enterococci in urban wastewater by sunlight/PAA and sunlight/H2O2 processes. *Chemical Engineering Research and Design*, **2016**, 104, 178-184	5.5	28
9	High-quality treated wastewater causes remarkable changes in natural microbial communities and intI1 gene abundance. *Water Research*, **2019**, 167, 114895	12.5	23
8	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. *Water Research*, **2020**, 184, 116194	12.5	16
7	Simulating the fate of indigenous antibiotic resistant bacteria in a mild slope wastewater polluted stream. *Journal of Environmental Sciences*, **2018**, 69, 95-104	6.4	14
6	Comparing TiO photocatalysis and UV-C radiation for inactivation and mutant formation of Salmonella typhimurium TA102. *Environmental Science and Pollution Research*, **2017**, 24, 1871-1879	5.1	11
5	Review of aminopolycarboxylic acids based metal complexes application to water and wastewater treatment by (photo-)Fenton process at neutral pH. *Current Opinion in Green and Sustainable Chemistry*, **2021**, 28, 100451	7.9	9
4	New analytical approach to monitoring air quality in historical monuments through the isotopic ratio of CO. *Environmental Science and Pollution Research*, **2021**, 1	5.1	8
3	Multi-barrier treatment of mature landfill leachate: effect of Fenton oxidation and air stripping on activated sludge process and cost analysis. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104444	6.8	7

2	Fe3+- IDS as a new green catalyst for water treatment by photo-Fenton process at neutral pH. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106802	6.8	3
1	Effect of the aqueous matrix on the inactivation of E. coli by permaleic acid. *Science of the Total Environment*, **2021**, 767, 144395	10.2	1