

Antonino Fiorentino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4376494/publications.pdf>

Version: 2024-02-01

19
papers

1,036
citations

516215

16
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Disinfection of urban wastewater by solar driven and UV lamp TiO_2 photocatalysis: Effect on a multi drug resistant <i>Escherichia coli</i> strain. <i>Water Research</i> , 2014, 53, 145-152.	5.3	149
2	Advanced treatment of urban wastewater by UV radiation: Effect on antibiotics and antibiotic-resistant <i>E. coli</i> strains. <i>Chemosphere</i> , 2013, 92, 171-176.	4.2	122
3	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.	1.7	122
4	Urban wastewater disinfection for agricultural reuse: effect of solar driven AOPs in the inactivation of a multidrug resistant <i>E. coli</i> strain. <i>Applied Catalysis B: Environmental</i> , 2015, 178, 65-73.	10.8	113
5	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.	5.3	82
6	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.	6.5	71
7	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.	3.3	64
8	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.	3.9	47
9	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.	5.3	46
10	Inactivation of <i>Escherichia coli</i> and <i>Enterococci</i> in urban wastewater by sunlight/PAA and sunlight/ H_2O_2 processes. <i>Chemical Engineering Research and Design</i> , 2016, 104, 178-184.	2.7	37
11	Combination of flow cytometry and molecular analysis to monitor the effect of UVC/ H_2O_2 vs UVC/ H_2O_2 /Cu-IDS processes on pathogens and antibiotic resistant genes in secondary wastewater effluents. <i>Water Research</i> , 2020, 184, 116194.	5.3	34
12	High-quality treated wastewater causes remarkable changes in natural microbial communities and <i>int1</i> gene abundance. <i>Water Research</i> , 2019, 167, 114895.	5.3	33
13	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.	3.3	25
14	Comparing TiO_2 photocatalysis and UV-C radiation for inactivation and mutant formation of <i>Salmonella typhimurium</i> TA102. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1871-1879.	2.7	22
15	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.	3.2	22
16	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.	3.2	16
17	New analytical approach to monitoring air quality in historical monuments through the isotopic ratio of CO_2 . <i>Environmental Science and Pollution Research</i> , 2022, 29, 29385-29390.	2.7	14
18	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.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Effect of the aqueous matrix on the inactivation of E. coli by permaleic acid. Science of the Total Environment, 2021, 767, 144395.	3.9	3