Alexandre Sanchez-Melsio

List of Publications by Year
in descending order

18 papers	2,016 citations	623734 14 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	2862 citing authors

#	Article	IF	Citations
1	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. Water Research, 2015, 69, 234-242.	11.3	1,187
2	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. Environmental Pollution, 2016, 210, 121-128.	7.5	142
3	Metagenomic analysis reveals that bacteriophages are reservoirs of antibiotic resistance genes. International Journal of Antimicrobial Agents, 2016, 48, 163-167.	2.5	121
4	Abundance of antibiotic resistance genes in five municipal wastewater treatment plants in the Monastir Governorate, Tunisia. Environmental Pollution, 2016, 219, 353-358.	7.5	107
5	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intI1) and sul1 genes within stable streambed bacterial communities. Water Research, 2018, 138, 77-85.	11.3	82
6	Long-term operation of a partial nitritation pilot plant treating leachate with extremely high ammonium concentration prior to an anammox process. Bioresource Technology, 2009, 100, 5624-5632.	9.6	78
7	Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. Journal of Hazardous Materials, 2019, 378, 120716.	12.4	61
8	Abundance of carbapenemase genes (blaKPC, blaNDM and blaOXA-48) in wastewater effluents from Tunisian hospitals. Environmental Pollution, 2017, 229, 371-374.	7.5	49
9	Diversity of Miscellaneous Crenarchaeotic Group archaea in freshwater karstic lakes and their segregation between planktonic and sediment habitats. FEMS Microbiology Ecology, 2015, 91, .	2.7	44
10	Development of batch-culture enrichment coupled to molecular detection for screening of natural and man-made environments in search of anammox bacteria for N-removal bioreactors systems. Chemosphere, 2009, 75, 169-179.	8.2	43
11	Faecal microbiota and antibiotic resistance genes in migratory waterbirds with contrasting habitat use. Science of the Total Environment, 2021, 783, 146872.	8.0	38
12	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. Environmental Science & Technology, 2020, 54, 9062-9073.	10.0	20
13	Effect of Urban Wastewater Discharge on the Abundance of Antibiotic Resistance Genes and Antibiotic-Resistant Escherichia coli in Two Italian Rivers. International Journal of Environmental Research and Public Health, 2020, 17, 6813.	2.6	16
14	Abundance and Co-Distribution of Widespread Marine Archaeal Lineages in Surface Sediments of Freshwater Water Bodies across the Iberian Peninsula. Microbial Ecology, 2017, 74, 776-787.	2.8	15
15	Perfluoroalkyl phosphonic acids adsorption behaviour and removal by wastewater organisms. Science of the Total Environment, 2018, 636, 273-281.	8.0	5
16	Side effects of free nitrous acid on the sewer resistome and mobilome. Chemical Engineering Journal, 2021, 405, 126657.	12.7	3
17	Impact of nitrate addition on the resistome and mobilome from a full-scale sewer. Chemical Engineering Journal, 2022, 439, 135653.	12.7	3
18	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. Science of the Total Environment, 2020, 741, 140447.	8.0	2