JosÃ¯Â¿Â½ Antonio Mendoza-Roca

List of Publications by Year
in descending order

16 papers	557 citations	687220 13 h-index	996849 15 g-index
16 all docs	16 docs citations	16 times ranked	852 citing authors

#	Article	IF	Citations
1	Enhancement in hydrophilicity of different polymer phase-inversion ultrafiltration membranes by introducing PEG/Al2O3 nanoparticles. Separation and Purification Technology, 2014, 128, 45-57.	3.9	114
2	Comparison of different removal techniques for selected pharmaceuticals. Journal of Water Process Engineering, 2015, 5, 48-57.	2.6	66
3	The role of salinity on the changes of the biomass characteristics and on the performance of an OMBR treating tannery wastewater. Water Research, 2018, 142, 129-137.	5.3	54
4	Reducing sulfates concentration in the tannery effluent by applying pollution prevention techniques and nanofiltration. Journal of Cleaner Production, 2011, 19, 91-98.	4.6	49
5	Surface photomodification of flat-sheet PES membranes with improved antifouling properties by varying UV irradiation time and additive solution pH. Chemical Engineering Journal, 2016, 283, 231-242.	6.6	45
6	Study of the behaviour of different NF membranes for the reclamation of a secondary textile effluent in rinsing processes. Journal of Hazardous Materials, 2010, 178, 341-348.	6.5	44
7	Treatment of table olive processing wastewaters using novel photomodified ultrafiltration membranes as first step for recovering phenolic compounds. Journal of Hazardous Materials, 2015, 290, 51-59.	6.5	39
8	Membrane fouling in whey processing and subsequent cleaning with ultrasounds for a more sustainable process. Journal of Cleaner Production, 2017, 143, 804-813.	4.6	34
9	Development of fouling-resistant polyethersulfone ultrafiltration membranes via surface UV photografting with polyethylene glycol/aluminum oxide nanoparticles. Separation and Purification Technology, 2014, 135, 88-99.	3.9	31
10	Biological treatment performance of hypersaline wastewaters with high phenols concentration from table olive packaging industry using sequencing batch reactors. Journal of Industrial and Engineering Chemistry, 2016, 43, 44-52.	2.9	22
11	Towards a cleaner wastewater treatment: Influence of folic acid addition on sludge reduction and biomass characteristics. Journal of Cleaner Production, 2019, 232, 858-866.	4.6	19
12	Influence of bisphenol A occurrence in wastewaters on biomass characteristics and activated sludge process performance. Science of the Total Environment, 2021, 778, 146355.	3.9	17
13	Comparison between mixed liquors of two side-stream membrane bioreactors treating wastewaters from waste management plants with high and low solids anaerobic digestion. Water Research, 2016, 100, 517-525.	5.3	13
14	Changes in the process performance and microbial community by addition of the metabolic uncoupler 3,3â€²,4â€²,5-tetrachlorosalicylanilide in sequencing batch reactors. Science of the Total Environment, 2019, 694, 133726.	3.9	9
15	Valuable Products Recovery from Wastewater in Agrofood by Membrane Processes. Green Chemistry and Sustainable Technology, 2017, , 295-318.	0.4	1
16	Pretreatment and filterability tests of wastewater as a first step to characterize the influent to a membrane bioreactor. Desalination and Water Treatment, 2012, 39, 158-165.	1.0	0