Alice Antony

List of Publications by Year
in descending order

22 papers	1,573 citations	471061 17 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	1969 citing authors

#	Article	IF	Citations
1	Characterisation of dissolved organic matter in fermentation industry effluents and comparison with model compounds. Chemosphere, 2019, 234, 630-639.	4.2	12
2	In situ electrical impedance characterization of fouling by calcium agents in reverse osmosis membrane systems using Maxwell Wagner and hydrodynamic models. Desalination, 2017, 403, 64-79.	4.0	14
3	Impact of membrane ageing on reverse osmosis performance â€“ Implications on validation protocol. Journal of Membrane Science, 2016, 520, 37-44.	4.1	34
4	Real-time monitoring of scale formation in reverse osmosis using electrical impedance spectroscopy. Journal of Membrane Science, 2014, 453, 320-327.	4.1	57
5	Non-microbial indicators for monitoring virus removal by ultrafiltration membranes. Journal of Membrane Science, 2014, 454, 193-199.	4.1	17
6	Characterising nanostructure functionality of a cellulose triacetate forward osmosis membrane using electrical impedance spectroscopy. Journal of Membrane Science, 2014, 467, 292-302.	4.1	18
7	Production and characterisation of UF membranes by chemical conversion of used RO membranes. Journal of Membrane Science, 2013, 447, 203-211.	4.1	60
8	Evaluating the impact of recycled fiber content on effluent recycling in newsprint manufacture. Chemosphere, 2013, 92, 1513-1519.	4.2	8
9	Evaluation of ion exchange resins for the removal of dissolved organic matter from biologically treated paper mill effluent. Chemosphere, 2013, 90, 1461-1469.	4.2	21
10	In situ structural and functional characterization of reverse osmosis membranes using electrical impedance spectroscopy. Journal of Membrane Science, 2013, 425-426, 89-97.	4.1	72
11	In situ characterization of fouling in reverse osmosis membranes using electrical impedance spectroscopy. Journal of Physics: Conference Series, 2013, 434, 012089.	0.3	7
12	Removal Efficiency and Integrity Monitoring Techniques for Virus Removal by Membrane Processes. Critical Reviews in Environmental Science and Technology, 2012, 42, 891-933.	6.6	94
13	Bioanalytical Assessment of the Formation of Disinfection Byproducts in a Drinking Water Treatment Plant. Environmental Science & Technology, 2012, 46, 10317-10325.	4.6	112
14	Diagnosis of dissolved organic matter removal by GAC treatment in biologically treated papermill effluents using advanced organic characterisation techniques. Chemosphere, 2012, 86, 829-836.	4.2	22
15	Selective separation of contaminants from paper mill effluent using nanofiltration. Chemical Engineering Research and Design, 2012, 90, 576-583.	2.7	23
16	Relative impact of fouling and cleaning on PVDF membrane hydraulic performances. Separation and Purification Technology, 2012, 90, 204-212.	3.9	60
17	Comparison of reverse osmosis membrane fouling profiles from Australian water recycling plants. Journal of Membrane Science, 2012, 407-408, 8-16.	4.1	19
18	Natural versus wastewater derived dissolved organic carbon: Implications for the environmental fate of organic micropollutants. Water Research, 2011, 45, 4227-4237.	5.3	53

#	Article	IF	Citations
19	Evaluation of effluent organic matter fouling in ultrafiltration treatment using advanced organic characterisation techniques. Journal of Membrane Science, 2011, 382, 50-59.	4.1	133
20	Scale formation and control in high pressure membrane water treatment systems: A review. Journal of Membrane Science, 2011, 383, 1-16.	4.1	519
21	Assessing the oxidative degradation of polyamide reverse osmosis membraneâ€"Accelerated ageing with hypochlorite exposure. Journal of Membrane Science, 2010, 347, 159-164.	4.1	138
22	Comparison of treatment options for removal of recalcitrant dissolved organic matter from paper mill effluent. Chemosphere, 2010, 81, 86-91.	4.2	80