Jonathan C EspÃ-ndola

List of Publications by Year
in descending order

18 papers	500 citations	840119 11 h-index	839053 18 g-index
18 all docs	18 docs citations	18 times ranked	620 citing authors

#	Article	IF	Citations
1	Gatifloxacin photocatalytic degradation in different water matrices: Antimicrobial activity and acute toxicity reduction. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113973.	2.0	3
2	Trace organic contaminants removal from municipal wastewater using the FluHelik reactor: From laboratory-scale to pre-pilot scale. Journal of Environmental Chemical Engineering, 2021, 9, 105060.	3.3	9
3	ZnO Polymeric Composite Films for n-Decane Removal from Air Streams in a Continuous Flow NETmix Photoreactor under UVA Light. Nanomaterials, 2021, 11, 1983.	1.9	1
4	Paracetamol degradation by photo-assisted activation of peroxymonosulfate over ZnxNi1â˜'xFe2O4@BiOBr heterojunctions. Journal of Environmental Chemical Engineering, 2021, 9, 106797.	3.3	9
5	Innovative light-driven chemical/catalytic reactors towards contaminants of emerging concern mitigation: A review. Chemical Engineering Journal, 2020, 394, 124865.	6.6	36
6	Comparison of Photocatalytic Membrane Reactor Types for the Degradation of an Organic Molecule by TiO2-Coated PES Membrane. Catalysts, 2020, 10, 725.	1.6	26
7	Photocatalytic membrane reactor performance towards oxytetracycline removal from synthetic and real matrices: Suspended vs immobilized TiO2-P25. Chemical Engineering Journal, 2019, 378, 122114.	6.6	69
8	Overcoming limitations in photochemical UVC/H2O2 systems using a mili-photoreactor (NETmix): Oxytetracycline oxidation. Science of the Total Environment, 2019, 660, 982-992.	3.9	16
9	Intensification of heterogeneous TiO2 photocatalysis using the NETmix mili-photoreactor under microscale illumination for oxytetracycline oxidation. Science of the Total Environment, 2019, 681, 467-474.	3.9	37
10	An innovative photoreactor, FluHelik, to promote UVC/H2O2 photochemical reactions: Tertiary treatment of an urban wastewater. Science of the Total Environment, 2019, 667, 197-207.	3.9	25
11	Performance of hybrid systems coupling advanced oxidation processes and ultrafiltration for oxytetracycline removal. Catalysis Today, 2019, 328, 274-280.	2.2	31
12	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. Chemical Engineering Journal, 2018, 343, 597-606.	6.6	57
13	Fouling evaluation in a MBR for dairy effluent treatment. Desalination and Water Treatment, 2016, 57, 11919-11930.	1.0	4
14	REUSE OF DAIRY WASTEWATER TREATED BY MEMBRANE BIOREACTOR AND NANOFILTRATION: TECHNICAL AND ECONOMIC FEASIBILITY. Brazilian Journal of Chemical Engineering, 2015, 32, 735-747.	0.7	31
15	DistribuiÃ§Ã£o de massa molar em um biorreator com membrana para tratamento de efluente de laticÃnios. Engenharia Sanitaria E Ambiental, 2014, 19, 325-334.	0.1	2
16	Nanofiltration as tertiary treatment for the reuse of dairy wastewater treated by membrane bioreactor. Separation and Purification Technology, 2014, 126, 21-29.	3.9	121
17	Internal versus external submerged membrane bioreactor configurations for dairy wastewater treatment. Desalination and Water Treatment, 2014, 52, 2920-2932.	1.0	20
18	Nanofiltration as a Post-Treatmento to Membrane Bioreactor Effluent for Dairy Wastewater Reuse. Procedia Engineering, 2012, 44, 1956-1960.	1.2	3