

# Jonathan C Esp ndola

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

500  
citations

840585

11  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Photocatalytic membrane reactor performance towards oxytetracycline removal from synthetic and real matrices: Suspended vs immobilized TiO <sub>2</sub> -P25. Chemical Engineering Journal, 2019, 378, 122114.	6.6	69
3	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
4	Intensification of heterogeneous TiO <sub>2</sub> photocatalysis using the NETmix mini-photoreactor under microscale illumination for oxytetracycline oxidation. Science of the Total Environment, 2019, 681, 467-474.	3.9	37
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	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
7	Performance of hybrid systems coupling advanced oxidation processes and ultrafiltration for oxytetracycline removal. Catalysis Today, 2019, 328, 274-280.	2.2	31
8	Comparison of Photocatalytic Membrane Reactor Types for the Degradation of an Organic Molecule by TiO <sub>2</sub> -Coated PES Membrane. Catalysts, 2020, 10, 725.	1.6	26
9	An innovative photoreactor, FluHelik, to promote UVC/H <sub>2</sub> O <sub>2</sub> photochemical reactions: Tertiary treatment of an urban wastewater. Science of the Total Environment, 2019, 667, 197-207.	3.9	25
10	Internal versus external submerged membrane bioreactor configurations for dairy wastewater treatment. Desalination and Water Treatment, 2014, 52, 2920-2932.	1.0	20
11	Overcoming limitations in photochemical UVC/H <sub>2</sub> O <sub>2</sub> systems using a mini-photoreactor (NETmix): Oxytetracycline oxidation. Science of the Total Environment, 2019, 660, 982-992.	3.9	16
12	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
13	Paracetamol degradation by photo-assisted activation of peroxydisulfate over Zn <sub>x</sub> Ni <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> @BiOBr heterojunctions. Journal of Environmental Chemical Engineering, 2021, 9, 106797.	3.3	9
14	Fouling evaluation in a MBR for dairy effluent treatment. Desalination and Water Treatment, 2016, 57, 11919-11930.	1.0	4
15	Nanofiltration as a Post-Treatment to Membrane Bioreactor Effluent for Dairy Wastewater Reuse. Procedia Engineering, 2012, 44, 1956-1960.	1.2	3
16	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
17	Distribui�o de massa molar em um biorreator com membrana para tratamento de efluente de latic�nios. Engenharia Sanitaria E Ambiental, 2014, 19, 325-334.	0.1	2
18	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