

# Julio Cesar de Souza Inácio Gonçalves

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

125  
citations

1684188

5  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the catalytic activity of multilayer graphene (MLG), molybdenum oxide (MoO <sub>2</sub> ), and manganese ferrite (MnFe <sub>2</sub> O <sub>4</sub> ) on the melanoidin removal by ozonation process. Brazilian Journal of Chemical Engineering, 2022, 39, 55-66.	1.3	1
2	Venturi: dispositivo de cavitação hidrodinâmica para acelerar a síntese de biodiesel. Engenharia Sanitaria E Ambiental, 2021, 26, 105-112.	0.5	0
3	Experimental determination of the time of concentration, Sapucajuba creek small watershed study. Research, Society and Development, 2021, 10, e35210612757.	0.1	0
4	Humic substances reduce the oxygen mass transfer in the air-water interface. AIChE Journal, 2020, 66, e16971.	3.6	1
5	Surface Reaeration in Tropical Headwater Streams: the Dissolution Rate of a Soluble Floating Probe as a New Variable for Reaeration Coefficient Prediction. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	2
6	Experimental and computational analyses for induced cavitating flows in orifice plates. Brazilian Journal of Chemical Engineering, 2020, 37, 89-99.	1.3	7
7	Synergistic bromothymol blue dye degradation with hydrodynamic cavitation and hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ). Revista Ambiente & Água, 2020, 15, 1.	0.3	4
8	Experimental analysis applied to an evacuated tube solar collector equipped with parabolic concentrator using multilayer graphene-based nanofluids. Renewable Energy, 2019, 138, 152-160.	8.9	54
9	COD removal from sucrose solution using hydrodynamic cavitation and hydrogen peroxide: a comparison between Venturi device and orifice plate. Revista Brasileira De Recursos Hidricos, 2019, 24, .	0.5	8
10	Estimativa do coeficiente de transferência de massa de oxigênio com o uso da técnica das sondas solúveis flutuantes: um estudo de laboratório. Engenharia Sanitaria E Ambiental, 2019, 24, 391-402.	0.5	2
11	Molecular Interactions and Modeling of Anionic Surfactant Effect on Oxygen Transfer in a Cylindrical Reactor. Environmental Engineering Science, 2019, 36, 180-185.	1.6	5
12	Evaluation of Reaeration by Convective Heat Transfer Coefficient. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	2
13	Reaeration Coefficient Estimate: New Parameter for Predictive Equations. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	4
14	Use of Hydrodynamic Cavitation for Algae Removal: Effect on the Inactivation of Microalgae Belonging to Genus Scenedesmus. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	11
15	Avaliação da qualidade da água e autodepuração do rio do meio, Leme (SP). Engenharia Sanitaria E Ambiental, 2008, 13, 329-338.	0.5	21
16	Water quality modeling of the São Joaquim stream, Brazil. Ciência E Natura, 0, 41, 14.	0.0	1
17	Material biossorbente para remoção de metais potencialmente tóxicos em água de abastecimento. Ciência E Natura, 0, 42, e19.	0.0	0
18	Efficiency of biocompost potentiated with chemical fertilizer and facilitated aeration. Ciência E Natura, 0, 42, e31.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Quantitative characterization of volume of cavities in hydrodynamic cavitation device using computational fluid dynamics. Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, 0, 24, e28.	0.0	1