

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	Experimental analysis applied to an evacuated tube solar collector equipped with parabolic concentrator using multilayer graphene-based nanofluids. <i>Renewable Energy</i> , 2019, 138, 152-160.	8.9	54
2	Avaliação da qualidade da água e autodepuração do rio do meio, Leme (SP). <i>Engenharia Sanitaria E Ambiental</i> , 2008, 13, 329-338.	0.5	21
3	Use of Hydrodynamic Cavitation for Algae Removal: Effect on the Inactivation of Microalgae Belonging to Genus <i>Scenedesmus</i> . <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	11
4	COD removal from sucrose solution using hydrodynamic cavitation and hydrogen peroxide: a comparison between Venturi device and orifice plate. <i>Revista Brasileira De Recursos Hidricos</i> , 2019, 24, .	0.5	8
5	Experimental and computational analyses for induced cavitating flows in orifice plates. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 89-99.	1.3	7
6	Molecular Interactions and Modeling of Anionic Surfactant Effect on Oxygen Transfer in a Cylindrical Reactor. <i>Environmental Engineering Science</i> , 2019, 36, 180-185.	1.6	5
7	Reaeration Coefficient Estimate: New Parameter for Predictive Equations. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	4
8	Synergistic bromothymol blue dye degradation with hydrodynamic cavitation and hydrogen peroxide (H ₂ O ₂). <i>Revista Ambiente & Água</i> , 2020, 15, 1.	0.3	4
9	Evaluation of Reaeration by Convective Heat Transfer Coefficient. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	1.4	2
10	Estimativa do coeficiente de transferência de massa de oxigênio com o uso da técnica das sondas solúveis flutuantes: um estudo de laboratório. <i>Engenharia Sanitaria E Ambiental</i> , 2019, 24, 391-402.	0.5	2
11	Surface Reaeration in Tropical Headwater Streams: the Dissolution Rate of a Soluble Floating Probe as a New Variable for Reaeration Coefficient Prediction. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	2
12	Humic substances reduce the oxygen mass transfer in the air-water interface. <i>AIChE Journal</i> , 2020, 66, e16971.	3.6	1
13	Water quality modeling of the São Joaquim stream, Brazil. <i>Ciência E Natura</i> , 0, 41, 14.	0.0	1
14	Efficiency of biocompost potentiated with chemical fertilizer and facilitated aeration. <i>Ciência E Natura</i> , 0, 42, e31.	0.0	1
15	Quantitative characterization of volume of cavities in hydrodynamic cavitation device using computational fluid dynamics. <i>Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental</i> , 0, 24, e28.	0.0	1
16	Study of the catalytic activity of multilayer graphene (MLG), molybdenum oxide (MoO ₂), and manganese ferrite (MnFe ₂ O ₄) on the melanoidin removal by ozonation process. <i>Brazilian Journal of Chemical Engineering</i> , 2022, 39, 55-66.	1.3	1
17	Venturi: dispositivo de cavitação hidrodinâmica para acelerar a síntese de biodiesel. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 105-112.	0.5	0
18	Experimental determination of the time of concentration, Sapucajuba creek small watershed study. <i>Research, Society and Development</i> , 2021, 10, e35210612757.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Material biossorvente para remoção de metais potencialmente tóxicos em água de abastecimento. Ciência E Natura, 0, 42, e19.	0.0	0