

Jagannathan Krishnan

List of Publications by Year in descending order

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27
papers

321
citations

1040056

9
h-index

888059

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27
all docs

27
docs citations

27
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the combustion behaviour of compression ignition engine fuelled with biodiesel from <i>Stoechospermum marginatum</i> , a macro algae. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63464-63479.	5.3	4
2	Potential use of biomass and coal-fine waste for making briquette for sustainable energy and environment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63516-63522.	5.3	13
3	Experimental investigation of density, viscosity, and surface tension of aqueous tetrabutylammonium-based ionic liquids. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63599-63613.	5.3	11
4	Experimental investigation on CO ₂ absorption and physicochemical characteristics of different carbon-loaded aqueous solvents. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63532-63543.	5.3	5
5	Experimental investigation on water absorption capacity of RHA-added cement concrete. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63623-63628.	5.3	4
6	Steady State, transient behavior and kinetic modeling of benzene removal in an aerobic biofilter. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103657.	6.7	16
7	Batch biodegradation of toluene by mixed microbial consortia and its kinetics. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 282-288.	3.9	34
8	Effect of pH, inoculum dose and initial dye concentration on the removal of azo dye mixture under aerobic conditions. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 16-27.	3.9	44
9	Effect of N, S Co-doped TiO ₂ concentration on photocatalytic degradation of phenol. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
10	Photocatalytic Degradation of Methylene Blue by Nanosized Visible Light Active Nitrogen and Iron Codoped Titania: Characterization and Feasibility Investigation. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	1.4	7
11	Start-up, performance and optimization of a compost biofilter treating gas-phase mixture of benzene and toluene. <i>Bioresource Technology</i> , 2015, 190, 529-535.	9.6	51
12	Reliability, agreement, and validity of digital weighing scale with MatScan in limb load measurement. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 591-598.	1.6	15
13	Microwave-Alkali Activation on the Morphology and Structure of Bamboo Activated Carbon. <i>Applied Mechanics and Materials</i> , 2014, 575, 154-159.	0.2	3
14	Effect of Calcination Temperature of Carbon Doped TiO ₂ (C-TiO ₂) on Photocatalytic Activity under Visible Light. <i>Advanced Materials Research</i> , 2014, 997, 292-296.	0.3	3
15	Effect of Dopant Concentration of N, Fe Co-Doped TiO ₂ on Photodegradation of Methylene Blue under Ordinary Visible Light. <i>Applied Mechanics and Materials</i> , 2014, 661, 34-38.	0.2	4
16	Effect of Membrane Materials on Transport Kinetics of Cu(II) through Bulk Liquid Membrane. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2014, 5, 315-318.	0.3	3
17	Enhancement of Oxygen Mass Transfer and Gas Holdup Using Palm Oil in Stirred Tank Bioreactors with Xanthan Solutions as Simulated Viscous Fermentation Broths. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	14
18	Optimization of enzymatic hydrolysis of kitchen waste using response surface methodology (RSM) for reducing sugar production. , 2013, , .		1

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19	A CFD study of the effect of venturi geometry on high pressure wet gas metering. International Journal of Oil, Gas and Coal Technology, 2013, 6, 549.	0.2	8
20	Application of Response Surface Methodology in Extraction of Bioactive Component from Palm Leaves (<i>Elaeis guineensis</i>). International Journal of Science and Engineering, 2013, 5, .	0.1	7
21	Batch Kinetics and Effects of Process Parameters for Biodegradation of Reactive Black 5 in an Aerobic Mixed Microbial Culture. Scientific Research Journal, 2013, 10, 1.	0.4	1
22	Comparison of pretreatment methods for the enhancement of fermentable sugar production from kitchen waste. , 2012, , .		2
23	Development of an Intelligent Neural Model to Predict and Analyze the VOC Removal Pattern in a Photocatalytic Reactor. , 2012, , 240-261.		0
24	Decolourization of reactive dyes by thin film immobilized surface photoreactor using solar irradiation. Solar Energy, 2007, 81, 1-7.	6.1	52
25	Synthesis, Characterization and Efficiency of N, C-TiO ₂ as an Active Visible Light Photocatalyst. Applied Mechanics and Materials, 0, 661, 63-67.	0.2	3
26	Preparation, Characterization and Effectivity of N, Fe-TiO ₂ as a Visible Light Active Photocatalyst. Advanced Materials Research, 0, 894, 245-249.	0.3	8
27	Effect of Calcination Temperature on Synthesis of N-Fe-TiO ₂ for Photocatalytic Degradation of Methylene Blue under Visible Light. Applied Mechanics and Materials, 0, 575, 55-59.	0.2	6