

# Arun Jana

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

365  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of biorenewably available acetone and butanol to liquid fuels using base catalysts. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1921-1930.	4.6	7
2	Viscosity Reduction of Indian Heavy Crude Oil by Emulsification to O/W Emulsion Using Polysorbate-81. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 301-311.	2.1	12
3	Treating crude oil storage tank sludge by catalytic process and recovering valuable hydrocarbons. <i>Chemical Papers</i> , 2021, 75, 4285-4296.	2.2	3
4	Study of the discharge behavior of Rosin-Rammerl particle-size distributions from hopper by discrete element method: A systematic analysis of mass flow rate, segregation and velocity profiles. <i>Powder Technology</i> , 2020, 360, 818-834.	4.2	22
5	Influence of acid-metal functions on product distribution in valorization of biomass-derived acetone and catalysts' deactivation behaviour. <i>Biomass Conversion and Biorefinery</i> , 2019, 11, 1093.	4.6	4
6	CFD simulation of droplet splitting at microfluidic T-junctions in oil-water two-phase flow using conservative level set method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	16
7	Prediction of hopper discharge rate using combined discrete element method and artificial neural network. <i>Advanced Powder Technology</i> , 2018, 29, 2822-2834.	4.1	33
8	Experimental investigation and modeling of copper ion adsorption in packed and expanded bed. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 109, 51-58.	3.6	7
9	Performance of high density ion exchange resin (INDION225H) for removal of Cu(II) from waste water. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1393-1398.	6.7	21
10	Corrosion inhibition effectiveness of zeolite ZSM-5 coating on mild steel against various organic acids and its antimicrobial activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 286-291.	5.8	58
11	The hydrodynamics of liquid-liquid upflow through a venturimeter. <i>International Journal of Multiphase Flow</i> , 2008, 34, 1119-1129.	3.4	7
12	An optical probe for liquid-liquid two-phase flows. <i>Measurement Science and Technology</i> , 2007, 18, 1563-1575.	2.6	32
13	An Analysis of Pressure Drop and Holdup for Liquid-Liquid Upflow through Vertical Pipes. <i>Chemical Engineering and Technology</i> , 2007, 30, 920-925.	1.5	19
14	A Novel Technique to Identify Flow Patterns during Liquid-Liquid Two-Phase Upflow through a Vertical Pipe. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 2381-2393.	3.7	21
15	Flow regime identification of two-phase liquid-liquid upflow through vertical pipe. <i>Chemical Engineering Science</i> , 2006, 61, 1500-1515.	3.8	103
16	Expanded Beds: A Process Solution for Adsorptive Separations in Waste-Water Treatment. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 0, , 377-381.	0.3	0