Arun Jana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7212670/publications.pdf

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16	365	933447	996975
papers	citations	10	15
		h-index	g-index

16	16	16	312
all docs	docs citations	times ranked	citing authors

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