Shashi Kumar

List of Publications by Year
in descending order

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17	265	1163117	1058476
papers	citations	8	14
		h-index	g-index

17	17	17	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling studies on simultaneous adsorption of phenol and resorcinol onto granular activated carbon from simulated aqueous solution. Journal of Hazardous Materials, 2011, 185, 287-294.	12.4	93
2	Selective hydrogenolysis of glycerol to 1,2â€propanediol over highly active copperâ€“magnesia catalysts: reaction parameter, catalyst stability and mechanism study. Journal of Chemical Technology and Biotechnology, 2016, 91, 2063-2075.	3.2	41
3	Nonlinear Autoregressive Exogenous modeling of a large anaerobic digester producing biogas from cattle waste. Bioresource Technology, 2014, 170, 342-349.	9.6	25
4	Utilization of acetone-butanol-ethanol-water mixture obtained from biomass fermentation as renewable feedstock for hydrogen production via steam reforming: Thermodynamic and energy analyses. Bioresource Technology, 2018, 261, 385-393.	9.6	25
5	Butanol reforming: an overview on recent developments and future aspects. Reviews in Chemical Engineering, 2017, 34, 1-19.	4.4	16
6	Full scale experimental and numerical studies on effect of ventilation in an enclosure diesel pool fire. Building Simulation, 2017, 10, 351-364.	5.6	16
7	Experimental and numerical simulation studies on diesel pool fire. Fire and Materials, 2016, 40, 1016-1035.	2.0	10
8	Exergy Analysis of Oxidative Steam Reforming of Methanol for Hydrogen Producton: Modeling Study. International Journal of Chemical Reactor Engineering, 2013, 11, 489-500.	1.1	9
9	Liquid phase conversion of Glycerol to Propanediol over highly active Copper/Magnesia catalysts. Journal of Chemical Sciences, 2015, 127, 833-842.	1.5	9
10	Thermodynamic Modeling of Propane Reforming Processes to Quantify Hydrogen and Syngas Production with and without Product Removal. Chemical Product and Process Modeling, 2016, 11, 125-140.	0.9	7
11	Modeling of a UASB Reactor by NARX Networks for Biogas Production. Chemical Product and Process Modeling, 2015, 10, 113-121.	0.9	5
12	Valorization of Glycerol into Polyhydroxyalkanoates by Sludge Isolated Bacillus sp. RER002: Experimental and Modeling Studies. Chemical Product and Process Modeling, 2014, 9, 117-131.	0.9	4
13	EXACT ANALYTICAL SOLUTION OF A LUMPED MODEL OF THE TRANSIENT CONVECTIVE-RADIATIVE COOLING OF A HOT SPHERICAL BODY IN AN ENVIRONMENT. Chemical Engineering Communications, 2012, 199, 1668-1682.	2.6	2
14	Predictive modeling of an industrial UASB reactor using NARX neural network. , 2015, , .		2
15	Optimal Homotopy-Based Approximate Solutions for Process Systems Represented by the Axial Dispersion Model. Chemical Engineering Communications, 2016, 203, 1484-1496.	2.6	1
16	Analysis of a Nonlinear Model of Heat Transfer Through a Rectangular Fin: Exact Solutions and Their Multiplicity. Chemical Product and Process Modeling, 2017, 12, .	0.9	0
17	Energy and exergy optimization of oxidative steam reforming of acetoneâ€“butanolâ€“ethanolâ€“water mixture as a renewable source for H₂ production via thermodynamic modeling. Chemical Product and Process Modeling, 2022, 17, 603-618.	0.9	0