

V Ravi Kumar

List of Publications by Year in descending order

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14
papers

214
citations

1307543

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1199563

12
g-index

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docs citations

14
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of electronegativity and electron affinity based pseudo-molecular field descriptors in developing correlations for quantitative structure-activity relationship modeling of drug activities. <i>Chemical Biology and Drug Design</i> , 2021, 98, 258-269.	3.2	0
2	Agro-Industrial Wastes for Production of Biosurfactant by <i>Bacillus subtilis</i> ANR 88 and Its Application in Synthesis of Silver and Gold Nanoparticles. <i>Frontiers in Microbiology</i> , 2017, 8, 492.	3.5	66
3	Inverse problem studies of biochemical systems with structure identification of S-systems by embedding training functions in a genetic algorithm. <i>Mathematical Biosciences</i> , 2016, 275, 93-106.	1.9	1
4	Embedded multiple shooting methodology in a genetic algorithm framework for parameter estimation and state identification of complex systems. <i>Chemical Engineering Science</i> , 2015, 134, 605-618.	3.8	5
5	Conversion of dried <i>Aspergillus candidus</i> mycelia grown on waste whey to biodiesel by in situ acid transesterification. <i>Bioresource Technology</i> , 2015, 197, 502-507.	9.6	26
6	Analysis of flow structures and energy spectra in chemical process equipment. <i>Journal of Turbulence</i> , 2010, 11, N5.	1.4	14
7	Performance Enhancement of Steam Methane Reforming Using Tubular Packed-Bed Microreactors and Dilution by Adsorbent. <i>Energy & Fuels</i> , 2006, 20, 463-472.	5.1	5
8	Parameter estimation in spatially extended systems: The Karhunen-L3eve and Galerkin multiple shooting approach. <i>Physical Review E</i> , 2001, 64, 056222.	2.1	21
9	Simple denoising algorithm using wavelet transform. <i>AIChE Journal</i> , 1999, 45, 2461-2466.	3.6	48
10	Control of spatiotemporal chaos: A study with an autocatalytic reaction-diffusion system. <i>Pramana - Journal of Physics</i> , 1997, 48, 303-323.	1.8	13
11	Regulatory control of a chaotic nonisothermal CSTR. <i>AIChE Journal</i> , 1993, 39, 908-912.	3.6	10
12	On the intricacies in the dynamic regulatory control of chaotic systems. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 1993, 18, 891-910.	1.3	1
13	ANALYSIS OF BISTABLE AND OSCILLATING REACTION SYSTEMS IN PRESENCE OF AN EXTERNAL NOISE. <i>Chemical Engineering Communications</i> , 1985, 39, 69-90.	2.6	1
14	Enhancing lipid content of oleaginous <i>Yarrowia lipolytica</i> biomass grown on waste cooking oil and its conversion to biodiesel by statistical optimization. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	3