

Prasanna Kumar Y

List of Publications by Year in descending order

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papers

823
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840776

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24
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	Online modeling and monitoring of power consumption, aerosol emissions, and surface roughness in wire cut electric discharge machining of Ti-6Al-4V. International Journal of Advanced Manufacturing Technology, 2022, 119, 3205-3222.	3.0	7
2	Classification of Bioinformatics EEG Data Signals to Identify Depressed Brain State Using CNN Model. BioMed Research International, 2022, 2022, 1-9.	1.9	6
3	Identification and Classification of Depressed Mental State for End-User over Social Media. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	2
4	Machine Learning-Based Intelligent Wireless Communication System for Solving Real-World Security Issues. Security and Communication Networks, 2022, 2022, 1-6.	1.5	11
5	A Metaheuristic Approach to Map Driving Pattern for Analyzing Driver Behavior Using Big Data Analysis. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	0
6	Role of Artificial Intelligence and Deep Learning in Easier Skin Cancer Detection through Antioxidants Present in Food. Journal of Food Quality, 2022, 2022, 1-12.	2.6	1
7	Vibration-based tool condition monitoring in milling of Ti-6Al-4V using an optimization model of GM(1,N) and SVM. International Journal of Advanced Manufacturing Technology, 2021, 115, 1931.	3.0	20
8	Optimization of Cu (II) biosorption onto sea urchin test using response surface methodology and artificial neural networks. International Journal of Environmental Science and Technology, 2019, 16, 1885-1896.	3.5	30
9	APPLICATION OF RESPONSE SURFACE METHODOLOGY FOR OPTIMIZATION OF CADMIUM ADSORPTION IN AN AQUEOUS SOLUTION BY ACTIVATED CARBON PREPARED FROM Bauhinia Purpurea LEAVES. Rasayan Journal of Chemistry, 2018, 11, 1577-1586.	0.4	8
10	EQUILIBRIUM ISOTHERM, KINETIC MODELING, AND CHARACTERIZATION STUDIES OF CADMIUM ADSORPTION IN AN AQUEOUS SOLUTION BY ACTIVATED CARBON PREPARED FROM BAUHINIA PURPUREA LEAVES. Rasayan Journal of Chemistry, 2018, 11, 1376-1392.	0.4	4
11	Removal of methylene blue from an aqueous solution using Plumbago zeylanica Leaves-Optimisation using response surface methodology (RSM). Research Journal of Pharmacy and Technology, 2018, 11, 2006.	0.8	1
12	Studies on Biosorption of Arsenic from Aqueous Solutions using Citrus limonium as Biosorbent. Research Journal of Pharmacy and Technology, 2017, 10, 2685.	0.8	2
13	Kinetic, Thermodynamic and Equilibrium Studies for the Biosorption of Nickel from an aqueous solution on to Ipomea palmata Leaves powder. Research Journal of Pharmacy and Technology, 2017, 10, 3029.	0.8	0
14	Biosorption of zinc from aqueous solution using Azadirachta indica bark: Equilibrium and kinetic studies. Journal of Hazardous Materials, 2008, 152, 324-329.	12.4	76
15	Adsorption of zinc from aqueous solution using marine green algae "Ulva fasciata sp.. Chemical Engineering Journal, 2007, 129, 161-166.	12.7	95
16	Removal of lead from aqueous solution using Syzygium cumini L.: Equilibrium and kinetic studies. Journal of Hazardous Materials, 2007, 142, 340-347.	12.4	110
17	Sorption of copper(II) ion from aqueous solution by Tectona grandis l.f. (teak leaves powder). Journal of Hazardous Materials, 2006, 136, 560-566.	12.4	99
18	Removal of copper from aqueous solution using Ulva fasciata sp."A marine green algae. Journal of Hazardous Materials, 2006, 137, 367-373.	12.4	82

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19	Equilibrium and kinetic studies for the biosorption system of copper(II) ion from aqueous solution using <i>Tectona grandis</i> L.f. leaves powder. <i>Journal of Hazardous Materials</i> , 2006, 137, 1211-1217.	12.4	109
20	Comparison for adsorption modelling of copper and zinc from aqueous solution by <i>Ulva fasciata</i> sp.. <i>Journal of Hazardous Materials</i> , 2006, 137, 1246-1251.	12.4	36
21	Zinc biosorption on <i>Tectona grandis</i> L.f. leaves biomass: Equilibrium and kinetic studies. <i>Chemical Engineering Journal</i> , 2006, 124, 63-70.	12.7	105
22	Investigation on biosorption of Cd(II) onto <i>Gelidiella acerosa</i> (brown algae): Optimization(using RSM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		18
23	OPTIMIZATION OF ZINC(II) BIOSORPTION ONTO <i>Boodleastruveiodes</i> (MARINE ALGAE) BY CENTRAL COMPOSITE DESIGN. <i>Rasayan Journal of Chemistry</i> , 0, , .	0.4	1
24	"USE OF PLANT BIOMASS FOR REMOVAL OF MALACHITE GREEN FROM AQUEOUS SOLUTION AND OPTIMIZATION USING CENTRAL COMPOSITE DESIGN (CCD) ". <i>Rasayan Journal of Chemistry</i> , 0, , .	0.4	0