

Prasanna Kumar Y

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

823
citations

840776

11
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of lead from aqueous solution using <i>Syzygium cumini</i> L.: Equilibrium and kinetic studies. <i>Journal of Hazardous Materials</i> , 2007, 142, 340-347.	12.4	110
2	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
3	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
4	Sorption of copper(II) ion from aqueous solution by <i>Tectona grandis</i> l.f. (teak leaves powder). <i>Journal of Hazardous Materials</i> , 2006, 136, 560-566.	12.4	99
5	Adsorption of zinc from aqueous solution using marine green algae "Ulva fasciata sp.". <i>Chemical Engineering Journal</i> , 2007, 129, 161-166.	12.7	95
6	Removal of copper from aqueous solution using <i>Ulva fasciata</i> sp. "A marine green algae. <i>Journal of Hazardous Materials</i> , 2006, 137, 367-373.	12.4	82
7	Biosorption of zinc from aqueous solution using <i>Azadirachta indica</i> bark: Equilibrium and kinetic studies. <i>Journal of Hazardous Materials</i> , 2008, 152, 324-329.	12.4	76
8	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
9	Optimization of Cu (II) biosorption onto sea urchin test using response surface methodology and artificial neural networks. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1885-1896.	3.5	30
10	Vibration-based tool condition monitoring in milling of Ti-6Al-4V using an optimization model of GM(1,N) and SVM. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 115, 1931.	3.0	20
11	Investigation on biosorption of Cd(II) onto <i>Gelidiella acerosa</i> (brown algae): Optimization(using RSM) Tj ETQq1 1 0.784314 rgrBT /Oveldo 18		
12	Machine Learning-Based Intelligent Wireless Communication System for Solving Real-World Security Issues. <i>Security and Communication Networks</i> , 2022, 2022, 1-6.	1.5	11
13	APPLICATION OF RESPONSE SURFACE METHODOLOGY FOR OPTIMIZATION OF CADMIUM ADSORPTION IN AN AQUEOUS SOLUTION BY ACTIVATED CARBON PREPARED FROM <i>Bauhinia Purpurea</i> LEAVES. <i>Rasayan Journal of Chemistry</i> , 2018, 11, 1577-1586.	0.4	8
14	Online modeling and monitoring of power consumption, aerosol emissions, and surface roughness in wire cut electric discharge machining of Ti-6Al-4V. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 3205-3222.	3.0	7
15	Classification of Bioinformatics EEG Data Signals to Identify Depressed Brain State Using CNN Model. <i>BioMed Research International</i> , 2022, 2022, 1-9.	1.9	6
16	EQUILIBRIUM ISOTHERM, KINETIC MODELING, AND CHARACTERIZATION STUDIES OF CADMIUM ADSORPTION IN AN AQUEOUS SOLUTION BY ACTIVATED CARBON PREPARED FROM BAUHINIA PURPUREA LEAVES. <i>Rasayan Journal of Chemistry</i> , 2018, 11, 1376-1392.	0.4	4
17	Studies on Biosorption of Arsenic from Aqueous Solutions using <i>Citrus limonium</i> as Biosorbent. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 2685.	0.8	2
18	Identification and Classification of Depressed Mental State for End-User over Social Media. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-10.	1.7	2

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19	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
20	Removal of methylene blue from an aqueous solution using <i>Plumbago zeylanica</i> Leaves-Optimisation using response surface methodology (RSM). <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 2006.	0.8	1
21	Role of Artificial Intelligence and Deep Learning in Easier Skin Cancer Detection through Antioxidants Present in Food. <i>Journal of Food Quality</i> , 2022, 2022, 1-12.	2.6	1
22	Kinetic, Thermodynamic and Equilibrium Studies for the Biosorption of Nickel from an aqueous solution on to <i>Ipomea palmata</i> Leaves powder. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 3029.	0.8	0
23	"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
24	A Metaheuristic Approach to Map Driving Pattern for Analyzing Driver Behavior Using Big Data Analysis. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-13.	1.1	0