

Basha Shaik

List of Publications by Year in descending order

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36
papers

2,236
citations

236612

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35
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36
docs citations

36
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium dioxide based nanocomposites Current trends and emerging strategies for the photocatalytic degradation of ruinous environmental pollutants. Environmental Research, 2022, 204, 112384.	3.7	29
2	Conductive polymer layered semiconductor for degradation of triclopyr acid and 2,4-dichlorophenoxyacetic acid from aqueous stream using coalesce adsorption-photocatalysis technique. Chemosphere, 2022, 298, 134360.	4.2	11
3	Nanocellulose/TiO ₂ composites: preparation, characterization and application in the photocatalytic degradation of a potential endocrine disruptor, mefenamic acid, in aqueous media. Photochemical and Photobiological Sciences, 2018, 17, 1301-1309.	1.6	26
4	Nanocellulose for biosorption of chlorpyrifos from water: chemometric optimization, kinetics and equilibrium. Cellulose, 2017, 24, 1319-1332.	2.4	73
5	Nanocrystalline cellulose for removal of tetracycline hydrochloride from water via biosorption: Equilibrium, kinetic and thermodynamic studies. Ecological Engineering, 2015, 84, 240-249.	1.6	106
6	UV-induced photocatalytic degradation of aqueous acetaminophen: the role of adsorption and reaction kinetics. Environmental Science and Pollution Research, 2015, 22, 2219-2230.	2.7	31
7	Occurrence and distribution of selected heavy metals and boron in groundwater of the Gulf of Khambhat region, Gujarat, India. Environmental Science and Pollution Research, 2014, 21, 3880-3890.	2.7	26
8	Efficient removal of Brilliant Blue G (BBG) from aqueous solutions by marine <i>Aspergillus wentii</i> : Kinetics, equilibrium and process design. Ecological Engineering, 2012, 41, 74-83.	1.6	29
9	On the adsorption/photodegradation of amoxicillin in aqueous solutions by an integrated photocatalytic adsorbent (IPCA): experimental studies and kinetics analysis. Photochemical and Photobiological Sciences, 2011, 10, 1014-1022.	1.6	48
10	Kinetics, Isotherms, and Thermodynamics of Hg(II) Biosorption onto <i>Carica papaya</i> . Bioremediation Journal, 2011, 15, 26-34.	1.0	8
11	Photodegradation of Famotidine by Integrated Photocatalytic Adsorbent (IPCA) and Kinetic Study. Catalysis Letters, 2011, 141, 300-308.	1.4	31
12	Equilibrium Modeling for Biosorption of Safranin onto Chemically Modified Biomass of Marine <i>Aspergillus wentii</i> . Water, Air, and Soil Pollution, 2011, 215, 679-691.	1.1	8
13	On the biosorption, by brown seaweed, <i>Lobophora variegata</i> , of Ni(II) from aqueous solutions: equilibrium and thermodynamic studies. Biodegradation, 2010, 21, 661-680.	1.5	13
14	Assessment of heavy metal content in suspended particulate matter of coastal industrial town, Mithapur, Gujarat, India. Atmospheric Research, 2010, 97, 257-265.	1.8	69
15	Studies on the Adsorption and Kinetics of Photodegradation of Pharmaceutical Compound, Indomethacin Using Novel Photocatalytic Adsorbents (IPCA). Industrial & Engineering Chemistry Research, 2010, 49, 11302-11309.	1.8	59
16	Biosorption of Inorganic Mercury onto Dead Biomass of Marine <i>Aspergillus niger</i> : Kinetic, Equilibrium, and Thermodynamic Studies. Environmental Engineering Science, 2009, 26, 531-539.	0.8	14
17	Kinetics, equilibrium and thermodynamic studies on biosorption of hexavalent chromium by dead fungal biomass of marine <i>Aspergillus niger</i> . Chemical Engineering Journal, 2009, 145, 489-495.	6.6	256
18	Biosorption of Cd(II) and Pb(II) onto brown seaweed, <i>Lobophora variegata</i> (Lamouroux): kinetic and equilibrium studies. Biodegradation, 2009, 20, 1-13.	1.5	28

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19	Biosorption of Cr(VI) onto marine <i>Aspergillus niger</i> : experimental studies and pseudo-second order kinetics. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1413-1421.	1.7	62
20	Sorption of Hg(II) onto <i>Carica papaya</i> : Experimental studies and design of batch sorber. <i>Chemical Engineering Journal</i> , 2009, 147, 226-234.	6.6	122
21	Removal of Cu(II) and Ni(II) from Industrial Effluents by Brown Seaweed, <i>Cystoseira indica</i> . <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 961-975.	1.8	27
22	Biosorption of hexavalent chromium by chemically modified seaweed, <i>Cystoseira indica</i> . <i>Chemical Engineering Journal</i> , 2008, 137, 480-488.	6.6	129
23	Isotherm modeling for biosorption of Cu(II) and Ni(II) from wastewater onto brown seaweed, <i>Cystoseira indica</i> . <i>AIChE Journal</i> , 2008, 54, 3291-3302.	1.8	19
24	Pseudo-second-order kinetic models for the sorption of Hg(II) onto dead biomass of marine <i>Aspergillus niger</i> : Comparison of linear and non-linear methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 328, 40-43.	2.3	24
25	Sorption of Hg(II) from Aqueous Solutions onto <i>Carica papaya</i> : Application of Isotherms. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 980-986.	1.8	92
26	Estimation of Isotherm Parameters for Biosorption of Cd(II) and Pb(II) onto Brown Seaweed, <i>Lobophora variegata</i> . <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 449-455.	1.0	30
27	Sorption of Cr(VI) onto <i>Cystoseira indica</i> : Comparison of Regression Methods for Isotherms and Biomass Minimization. <i>Chemical Product and Process Modeling</i> , 2008, 3, .	0.5	0
28	Hg(II) Removal from Aqueous Solution by Dead Fungal Biomass of Marine <i>Aspergillus niger</i> : Kinetic Studies. <i>Separation Science and Technology</i> , 2008, 43, 1221-1238.	1.3	27
29	Kinetic and equilibrium models for biosorption of Cr(VI) on chemically modified seaweed, <i>Cystoseira indica</i> . <i>Process Biochemistry</i> , 2007, 42, 1521-1529.	1.8	115
30	Heavy Metal Content of Suspended Particulate Matter at World's Largest Ship-Breaking Yard, Alang-Sosiya, India. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 373-384.	1.1	39
31	Description of the small plastics fragments in marine sediments along the Alang-Sosiya ship-breaking yard, India. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 68, 656-660.	0.9	231
32	Modeling the energy content of combustible ship-scraping waste at Alang-Sosiya, India, using multiple regression analysis. <i>Waste Management</i> , 2005, 25, 747-754.	3.7	20
33	Evaluation of the emission characteristics of trace metals from coal and fuel oil fired power plants and their fate during combustion. <i>Journal of Hazardous Materials</i> , 2005, 123, 242-249.	6.5	145
34	Seasonal distribution and contamination levels of total PHCs, PAHs and heavy metals in coastal waters of the Alang-Sosiya ship scrapping yard, Gulf of Cambay, India. <i>Chemosphere</i> , 2005, 61, 1587-1593.	4.2	104
35	Distribution, enrichment and accumulation of heavy metals in coastal sediments of Alang-Sosiya ship scrapping yard, India. <i>Marine Pollution Bulletin</i> , 2004, 48, 1055-1059.	2.3	132
36	Quantification and classification of ship scraping waste at Alang-Sosiya, India. <i>Marine Pollution Bulletin</i> , 2003, 46, 1609-1614.	2.3	53