

Alok Mittal

List of Publications by Year in descending order

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71
papers

12,750
citations

36303

51
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95266

68
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73
all docs

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docs citations

73
times ranked

9232
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel, eco-friendly bio-nanocomposite (Alg-Cst/Kal) for the adsorptive removal of crystal violet dye from its aqueous solutions. International Journal of Phytoremediation, 2022, 24, 796-807.	3.1	40
2	Synthesis and characterization of Egg shell (ES) and Egg shell with membrane (ESM) modified by ionic liquids. Chemical Data Collections, 2021, 33, 100717.	2.3	16
3	Efficient batch and Fixed-Bed sequestration of a basic dye using a novel variant of ordered mesoporous carbon as adsorbent. Arabian Journal of Chemistry, 2021, 14, 103186.	4.9	46
4	Batch and bulk adsorptive removal of anionic dye using metal/halide-free ordered mesoporous carbon as adsorbent. Journal of Cleaner Production, 2021, 321, 129060.	9.3	35
5	Silver doped manganese oxide-carbon nanotube nanocomposite for enhanced dye-sequestration: Isotherm studies and RSM modelling approach. Ceramics International, 2020, 46, 10309-10319.	4.8	48
6	Removal of caffeine, nicotine and amoxicillin from (waste)waters by various adsorbents. A review. Journal of Environmental Management, 2020, 261, 110236.	7.8	152
7	A review on halloysite-based adsorbents to remove pollutants in water and wastewater. Journal of Molecular Liquids, 2018, 269, 855-868.	4.9	150
8	Anticancer Effects of Chemotherapy and Nature Products. Journal of Medical Discovery, 2017, 2, .	0.2	3
9	Screening of phytochemicals and bioactive compounds in punica granatum peel to evaluate its hematological potential. International Journal of Current Advanced Research, 2017, 6, 2524-2529.	0.0	2
10	Applications of egg shell and egg shell membrane as adsorbents: A review. Journal of Molecular Liquids, 2016, 223, 376-387.	4.9	210
11	Poly (methyl methacrylate)-grafted alginate/Fe ₃ O ₄ nanocomposite: synthesis and its application for the removal of heavy metal ions. Desalination and Water Treatment, 2016, 57, 19820-19833.	1.0	67
12	Fabrication of MWCNTs/ThO ₂ nanocomposite and its adsorption behavior for the removal of Pb(II) metal from aqueous medium. Desalination and Water Treatment, 2016, 57, 21863-21869.	1.0	192
13	Retrospection of Bhopal gas tragedy. Toxicological and Environmental Chemistry, 2016, 98, 1079-1083.	1.2	8
14	Iron oxide-impregnated dextrin nanocomposite: synthesis and its application for the biosorption of Cr(VI) ions from aqueous solution. Desalination and Water Treatment, 2016, 57, 15133-15145.	1.0	60
15	Biosorption of Pb ²⁺ , Ni ²⁺ and Cu ²⁺ ions from aqueous solutions by L-cystein-modified montmorillonite-immobilized alginate nanocomposite. Desalination and Water Treatment, 2016, 57, 17790-17807.	1.0	65
16	Modification of <i>Hibiscus cannabinus</i> fiber by graft copolymerization: application for dye removal. Desalination and Water Treatment, 2015, 54, 3114-3121.	1.0	125
17	Ion-exchange kinetic studies for Cd(II), Co(II), Cu(II), and Pb(II) metal ions over a composite cation exchanger. Desalination and Water Treatment, 2015, 54, 2883-2890.	1.0	194
18	Separation of chromium from water samples using eggshell powder as a low-cost sorbent: kinetic and thermodynamic studies. Desalination and Water Treatment, 2015, 53, 214-220.	1.0	106

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19	Utilization of bottom ash as a low-cost sorbent for the removal and recovery of a toxic halogen containing dye eosin yellow. <i>Desalination and Water Treatment</i> , 2014, 52, 4508-4519.	1.0	84
20	Optimization of Cr(VI) removal onto biosorbent eggshell membrane: experimental & theoretical approaches. <i>Desalination and Water Treatment</i> , 2014, 52, 1307-1315.	1.0	103
21	Process development for the removal of hazardous anionic azo dye Congo red from wastewater by using hen feather as potential adsorbent. <i>Desalination and Water Treatment</i> , 2014, 52, 227-237.	1.0	105
22	Batch removal of hazardous azo dye Bismark Brown R using waste material hen feather. <i>Ecological Engineering</i> , 2013, 60, 249-253.	3.6	101
23	Kinetic and equilibrium studies of adsorptive removal of phenol onto eggshell waste. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4603-4611.	5.3	93
24	Adsorptive removal of toxic azo dye Amido Black 10B by hen feather. <i>Environmental Science and Pollution Research</i> , 2013, 20, 260-269.	5.3	150
25	Adsorption of hazardous dye Eosin Yellow from aqueous solution onto waste material De-oiled Soya: Isotherm, kinetics and bulk removal. <i>Journal of Molecular Liquids</i> , 2013, 179, 133-140.	4.9	184
26	Batch and bulk removal of hazardous colouring agent Rose Bengal by adsorption techniques using bottom ash as adsorbent. <i>RSC Advances</i> , 2012, 2, 8381.	3.6	333
27	Evaluation of adsorption characteristics of an anionic azo dye Brilliant Yellow onto hen feathers in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2438-2447.	5.3	89
28	Photo-catalytic degradation of toxic dye amaranth on TiO ₂ /UV in aqueous suspensions. <i>Materials Science and Engineering C</i> , 2012, 32, 12-17.	7.3	664
29	Scanning electron microscopic study of hazardous waste flakes of polyethylene terephthalate (PET) by aminolysis and ammonolysis. <i>Journal of Hazardous Materials</i> , 2010, 178, 390-396.	12.4	64
30	Decoloration treatment of a hazardous triarylmethane dye, Light Green SF (Yellowish) by waste material adsorbents. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 518-527.	9.4	463
31	Adsorption of hazardous dye crystal violet from wastewater by waste materials. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 463-473.	9.4	628
32	Removal and recovery of Chrysoidine Y from aqueous solutions by waste materials. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 497-507.	9.4	805
33	Adsorptive removal and recovery of the azo dye Eriochrome Black T. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1813-1823.	1.2	91
34	Removal of Yellow ME 7 GL from industrial effluent using electrochemical and adsorption techniques. <i>International Journal of Environment and Pollution</i> , 2010, 43, 308.	0.2	61
35	Multi Class Classification Approach for Classification of ADAMs, MMPs and Their Subclasses. <i>International Journal of Engineering and Technology</i> , 2010, 2, 302-307.	0.2	1
36	Batch and bulk removal of a triarylmethane dye, Fast Green FCF, from wastewater by adsorption over waste materials. <i>Journal of Hazardous Materials</i> , 2009, 163, 568-577.	12.4	122

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37	Adsorption of carmoisine A from wastewater using waste materialsâ€”Bottom ash and deoiled soya. Journal of Colloid and Interface Science, 2009, 335, 24-33.	9.4	292
38	Adsorption studies on the removal of coloring agent phenol red from wastewater using waste materials as adsorbents. Journal of Colloid and Interface Science, 2009, 337, 345-354.	9.4	467
39	Adsorptive removal of hazardous anionic dye â€”Congo redâ€”from wastewater using waste materials and recovery by desorption. Journal of Colloid and Interface Science, 2009, 340, 16-26.	9.4	619
40	Adsorption of basic fuchsin using waste materialsâ€”bottom ash and deoiled soyaâ€”as adsorbents. Journal of Colloid and Interface Science, 2008, 319, 30-39.	9.4	256
41	Applicability of waste materialsâ€”bottom ash and deoiled soyaâ€”as adsorbents for the removal and recovery of a hazardous dye, brilliant green. Journal of Colloid and Interface Science, 2008, 326, 8-17.	9.4	117
42	Removal and recovery of hazardous triphenylmethane dye, Methyl Violet through adsorption over granulated waste materials. Journal of Hazardous Materials, 2008, 150, 364-375.	12.4	117
43	Process development for the batch and bulk removal and recovery of a hazardous, water-soluble azo dye (Metanil Yellow) by adsorption over waste materials (Bottom Ash and De-Oiled Soya). Journal of Hazardous Materials, 2008, 151, 821-832.	12.4	254
44	Removal of the hazardous dye rhodamine B through photocatalytic and adsorption treatments. Journal of Environmental Management, 2007, 85, 956-964.	7.8	567
45	Freundlich and Langmuir adsorption isotherms and kinetics for the removal of Tartrazine from aqueous solutions using hen feathers. Journal of Hazardous Materials, 2007, 146, 243-248.	12.4	354
46	Studies on the adsorption kinetics and isotherms for the removal and recovery of Methyl Orange from wastewaters using waste materials. Journal of Hazardous Materials, 2007, 148, 229-240.	12.4	435
47	Photochemical degradation of the hazardous dye Safranin-T using TiO ₂ catalyst. Journal of Colloid and Interface Science, 2007, 309, 464-469.	9.4	408
48	Removal and Recovery of the Hazardous Azo Dye Acid Orange 7 through Adsorption over Waste Materials:Â Bottom Ash and De-Oiled Soya. Industrial & Engineering Chemistry Research, 2006, 45, 1446-1453.	3.7	349
49	Adsorption treatment and recovery of the hazardous dye, Brilliant Blue FCF, over bottom ash and de-oiled soya. Journal of Colloid and Interface Science, 2006, 293, 16-26.	9.4	243
50	Adsorption of Safranin-T from wastewater using waste materialsâ€” activated carbon and activated rice husks. Journal of Colloid and Interface Science, 2006, 303, 80-86.	9.4	281
51	Adsorption of a hazardous dye, erythrosine, over hen feathers. Journal of Colloid and Interface Science, 2006, 304, 52-57.	9.4	305
52	Adsorption kinetics of removal of a toxic dye, Malachite Green, from wastewater by using hen feathers. Journal of Hazardous Materials, 2006, 133, 196-202.	12.4	288
53	Adsorption isotherms, kinetics and column operations for the removal of hazardous dye, Tartrazine from aqueous solutions using waste materialsâ€”Bottom Ash and De-Oiled Soya, as adsorbents. Journal of Hazardous Materials, 2006, 136, 567-578.	12.4	135
54	Batch and bulk removal of hazardous dye, indigo carmine from wastewater through adsorption. Journal of Hazardous Materials, 2006, 137, 591-602.	12.4	130

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55	Process development for the removal and recovery of hazardous dye erythrosine from wastewater by waste materials—Bottom Ash and De-Oiled Soya as adsorbents. Journal of Hazardous Materials, 2006, 138, 95-105.	12.4	80
56	Use of hen feathers as potential adsorbent for the removal of a hazardous dye, Brilliant Blue FCF, from wastewater. Journal of Hazardous Materials, 2006, 128, 233-239.	12.4	115
57	Use of waste materials—Bottom Ash and De-Oiled Soya, as potential adsorbents for the removal of Amaranth from aqueous solutions. Journal of Hazardous Materials, 2005, 117, 171-178.	12.4	265
58	Removal and recovery of malachite green from wastewater using an agricultural waste material, de-oiled soya. Separation and Purification Technology, 2005, 43, 125-133.	7.9	205
59	Adsorption and desorption studies of a water soluble dye, Quinoline Yellow, using waste materials. Journal of Colloid and Interface Science, 2005, 284, 89-98.	9.4	208
60	Adsorption kinetics and column operations for the removal and recovery of malachite green from wastewater using bottom ash. Separation and Purification Technology, 2004, 40, 87-96.	7.9	306
61	Transient charging and discharging current studies on unstretched and stretched polypropylene films. Journal of Materials Science Letters, 2001, 20, 681-685.	0.5	14
62	Title is missing!. Journal of Materials Science Letters, 2000, 19, 523-527.	0.5	3
63	Title is missing!. Journal of Materials Science Letters, 2000, 19, 1991-1994.	0.5	12
64	Simultaneous voltammetric determination of hypoxanthine, xanthine, and uric acid. Electroanalysis, 1994, 6, 609-611.	2.9	25
65	Electrochemical oxidation and kinetics of the decay of UV-absorbing intermediate of uric acid oxidation at pyrolytic graphite electrodes. Canadian Journal of Chemistry, 1994, 72, 1668-1674.	1.1	16
66	Oxidation chemistry of adenine and hydroxyadenines at pyrolytic graphite electrodes. Journal of the Chemical Society Perkin Transactions II, 1991, , 1369.	0.9	52
67	Electrochemical oxidation of sulphapyridine at a pyrolytic graphite electrode. Analytica Chimica Acta, 1990, 228, 273-278.	5.4	5
68	Voltammetric behaviour of 2-amino-5-methyl-1,3,4-thiadiazole at a pyrolytic graphite electrode. Journal of the Chemical Society Perkin Transactions II, 1990, , 1845.	0.9	2
69	Sequestration of crystal violet from aqueous solution using ash of black turmeric rhizome. , 0, 220, 342-352.		38
70	Adsorption of Cr(VI) and Cd(II) on chitosan grafted polyaniline-OMMT nanocomposite: isotherms, kinetics and thermodynamics studies. , 0, 58, 144-153.		50
71	Investigation of adsorption performance of activated carbon prepared from waste tire for the removal of methylene blue dye from wastewater. , 0, 90, 294-298.		41