

# Alok Mittal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5763584/publications.pdf>

Version: 2024-02-01

71  
papers

12,750  
citations

36203

51  
h-index

95083

68  
g-index

73  
all docs

73  
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. <i>International Journal of Phytoremediation</i> , 2022, 24, 796-807.	1.7	40
2	Synthesis and characterization of Egg shell (ES) and Egg shell with membrane (ESM) modified by ionic liquids. <i>Chemical Data Collections</i> , 2021, 33, 100717.	1.1	16
3	Efficient batch and Fixed-Bed sequestration of a basic dye using a novel variant of ordered mesoporous carbon as adsorbent. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103186.	2.3	46
4	Batch and bulk adsorptive removal of anionic dye using metal/halide-free ordered mesoporous carbon as adsorbent. <i>Journal of Cleaner Production</i> , 2021, 321, 129060.	4.6	35
5	Silver doped manganese oxide-carbon nanotube nanocomposite for enhanced dye-sequestration: Isotherm studies and RSM modelling approach. <i>Ceramics International</i> , 2020, 46, 10309-10319.	2.3	48
6	Removal of caffeine, nicotine and amoxicillin from (waste)waters by various adsorbents. A review. <i>Journal of Environmental Management</i> , 2020, 261, 110236.	3.8	152
7	A review on halloysite-based adsorbents to remove pollutants in water and wastewater. <i>Journal of Molecular Liquids</i> , 2018, 269, 855-868.	2.3	150
8	Anticancer Effects of Chemotherapy and Nature Products. <i>Journal of Medical Discovery</i> , 2017, 2, .	0.2	3
9	Screening of phytochemicals and bioactive compounds in punica granatum peel to evaluate its hematological potential. <i>International Journal of Current Advanced Research</i> , 2017, 6, 2524-2529.	0.0	2
10	Applications of egg shell and egg shell membrane as adsorbents: A review. <i>Journal of Molecular Liquids</i> , 2016, 223, 376-387.	2.3	210
11	Poly (methyl methacrylate)-grafted alginate/Fe <sub>3</sub> O <sub>4</sub> nanocomposite: synthesis and its application for the removal of heavy metal ions. <i>Desalination and Water Treatment</i> , 2016, 57, 19820-19833.	1.0	67
12	Fabrication of MWCNTs/ThO <sub>2</sub> nanocomposite and its adsorption behavior for the removal of Pb(II) metal from aqueous medium. <i>Desalination and Water Treatment</i> , 2016, 57, 21863-21869.	1.0	192
13	Retrospection of Bhopal gas tragedy. <i>Toxicological and Environmental Chemistry</i> , 2016, 98, 1079-1083.	0.6	8
14	Iron oxide-impregnated dextrin nanocomposite: synthesis and its application for the biosorption of Cr(VI) ions from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 15133-15145.	1.0	60
15	Biosorption of Pb <sup>2+</sup> , Ni <sup>2+</sup> and Cu <sup>2+</sup> ions from aqueous solutions by L-cystein-modified montmorillonite-immobilized alginate nanocomposite. <i>Desalination and Water Treatment</i> , 2016, 57, 17790-17807.	1.0	65
16	Modification of <i>Hibiscus cannabinus</i> fiber by graft copolymerization: application for dye removal. <i>Desalination and Water Treatment</i> , 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. <i>Desalination and Water Treatment</i> , 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. <i>Desalination and Water Treatment</i> , 2015, 53, 214-220.	1.0	106

#	ARTICLE	IF	CITATIONS
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.	1.6	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.	2.7	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.	2.7	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.	2.3	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.	1.7	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.	2.7	89
28	Photo-catalytic degradation of toxic dye amaranth on TiO <sub>2</sub> /UV in aqueous suspensions. <i>Materials Science and Engineering C</i> , 2012, 32, 12-17.	3.8	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.	6.5	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.	5.0	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.	5.0	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.	5.0	805
33	Adsorptive removal and recovery of the azo dye Eriochrome Black T. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1813-1823.	0.6	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.	0.1	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.	6.5	122

#	ARTICLE	IF	CITATIONS
37	Adsorption of carmoisine A from wastewater using waste materials "Bottom ash and deoiled soya. Journal of Colloid and Interface Science, 2009, 335, 24-33.	5.0	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.	5.0	467
39	Adsorptive removal of hazardous anionic dye "Congo red" from wastewater using waste materials and recovery by desorption. Journal of Colloid and Interface Science, 2009, 340, 16-26.	5.0	619
40	Adsorption of basic fuchsin using waste materials "bottom ash and deoiled soya" as adsorbents. Journal of Colloid and Interface Science, 2008, 319, 30-39.	5.0	256
41	Applicability of waste materials "bottom ash and deoiled soya" as adsorbents for the removal and recovery of a hazardous dye, brilliant green. Journal of Colloid and Interface Science, 2008, 326, 8-17.	5.0	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.	6.5	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.	6.5	254
44	Removal of the hazardous dye rhodamine B through photocatalytic and adsorption treatments. Journal of Environmental Management, 2007, 85, 956-964.	3.8	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.	6.5	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.	6.5	435
47	Photochemical degradation of the hazardous dye Safranin-T using TiO <sub>2</sub> catalyst. Journal of Colloid and Interface Science, 2007, 309, 464-469.	5.0	408
48	Removal and Recovery of the Hazardous Azo Dye Acid Orange 7 through Adsorption over Waste Materials: "Bottom Ash and De-Oiled Soya. Industrial & Engineering Chemistry Research, 2006, 45, 1446-1453.	1.8	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.	5.0	243
50	Adsorption of Safranin-T from wastewater using waste materials "activated carbon and activated rice husks. Journal of Colloid and Interface Science, 2006, 303, 80-86.	5.0	281
51	Adsorption of a hazardous dye, erythrosine, over hen feathers. Journal of Colloid and Interface Science, 2006, 304, 52-57.	5.0	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.	6.5	288
53	Adsorption isotherms, kinetics and column operations for the removal of hazardous dye, Tartrazine from aqueous solutions using waste materials "Bottom Ash and De-Oiled Soya, as adsorbents. Journal of Hazardous Materials, 2006, 136, 567-578.	6.5	135
54	Batch and bulk removal of hazardous dye, indigo carmine from wastewater through adsorption. Journal of Hazardous Materials, 2006, 137, 591-602.	6.5	130

#	ARTICLE	IF	CITATIONS
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. <i>Journal of Hazardous Materials</i> , 2006, 138, 95-105.	6.5	80
56	Use of hen feathers as potential adsorbent for the removal of a hazardous dye, Brilliant Blue FCF, from wastewater. <i>Journal of Hazardous Materials</i> , 2006, 128, 233-239.	6.5	115
57	Use of waste materials—Bottom Ash and De-Oiled Soya, as potential adsorbents for the removal of Amaranth from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2005, 117, 171-178.	6.5	265
58	Removal and recovery of malachite green from wastewater using an agricultural waste material, de-oiled soya. <i>Separation and Purification Technology</i> , 2005, 43, 125-133.	3.9	205
59	Adsorption and desorption studies of a water soluble dye, Quinoline Yellow, using waste materials. <i>Journal of Colloid and Interface Science</i> , 2005, 284, 89-98.	5.0	208
60	Adsorption kinetics and column operations for the removal and recovery of malachite green from wastewater using bottom ash. <i>Separation and Purification Technology</i> , 2004, 40, 87-96.	3.9	306
61	Transient charging and discharging current studies on unstretched and stretched polypropylene films. <i>Journal of Materials Science Letters</i> , 2001, 20, 681-685.	0.5	14
62	Title is missing!. <i>Journal of Materials Science Letters</i> , 2000, 19, 523-527.	0.5	3
63	Title is missing!. <i>Journal of Materials Science Letters</i> , 2000, 19, 1991-1994.	0.5	12
64	Simultaneous voltammetric determination of hypoxanthine, xanthine, and uric acid. <i>Electroanalysis</i> , 1994, 6, 609-611.	1.5	25
65	Electrochemical oxidation and kinetics of the decay of UV-absorbing intermediate of uric acid oxidation at pyrolytic graphite electrodes. <i>Canadian Journal of Chemistry</i> , 1994, 72, 1668-1674.	0.6	16
66	Oxidation chemistry of adenine and hydroxyadenines at pyrolytic graphite electrodes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 1369.	0.9	52
67	Electrochemical oxidation of sulphapyridine at a pyrolytic graphite electrode. <i>Analytica Chimica Acta</i> , 1990, 228, 273-278.	2.6	5
68	Voltammetric behaviour of 2-amino-5-methyl-1,3,4-thiadiazole at a pyrolytic graphite electrode. <i>Journal of the Chemical Society Perkin Transactions II</i> , 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