

# Jyoti Mittal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/914292/publications.pdf>

Version: 2024-02-01

44  
papers

8,491  
citations

109137

35  
h-index

264894

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

6358  
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	Dye Removal From Waste Water Using Metal Organic Frameworks. , 2021, , 375-394.		5
3	Efficient ultrasonic assisted adsorption of organic pollutants employing bimetallic-carbon nanocomposites. <i>Separation Science and Technology</i> , 2021, 56, 2895-2908.	1.3	33
4	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
5	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
6	Recent progress in the synthesis of Layered Double Hydroxides and their application for the adsorptive removal of dyes: A review. <i>Journal of Environmental Management</i> , 2021, 295, 113017.	3.8	98
7	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
8	Utilisation of cobalt doped Iron based MOF for enhanced removal and recovery of methylene blue dye from waste water. <i>Journal of Molecular Liquids</i> , 2020, 314, 113642.	2.3	150
9	Permissible Synthetic Food Dyes in India. <i>Resonance</i> , 2020, 25, 567-577.	0.2	53
10	Sequestration of toxic congo red dye from aqueous solution using ecofriendly guar gum/ activated carbon nanocomposite.. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1310-1318.	3.6	102
11	Iron based metal organic framework for efficient removal of methylene blue dye from industrial waste. <i>Journal of Molecular Liquids</i> , 2019, 284, 343-352.	2.3	177
12	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
13	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
14	Synthesis and characterization of YVO <sub>4</sub> :Eu <sup>3+</sup> nanoparticles: kinetics and isotherm studies for the removal of Cd <sup>2+</sup> metal ion. <i>Desalination and Water Treatment</i> , 2016, 57, 2081-2088.	1.0	17
15	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
16	Adsorption kinetics and thermodynamics of hazardous dye Tropaeoline 000 onto Aeroxide Alu C (Nano) Tj ETQq0 0,0 rgBT /Overlock 10	1.0	23
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	Adsorption of carmoisine A from wastewater using waste materials "Bottom ash and deoiled soya. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 24-33.	5.0	292
29	Adsorption studies on the removal of coloring agent phenol red from wastewater using waste materials as adsorbents. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 345-354.	5.0	467
30	Adsorptive removal of hazardous anionic dye "Congo red" from wastewater using waste materials and recovery by desorption. <i>Journal of Colloid and Interface Science</i> , 2009, 340, 16-26.	5.0	619
31	Adsorption of basic fuchsin using waste materials "bottom ash and deoiled soya" as adsorbents. <i>Journal of Colloid and Interface Science</i> , 2008, 319, 30-39.	5.0	256
32	Applicability of waste materials "bottom ash and deoiled soya" as adsorbents for the removal and recovery of a hazardous dye, brilliant green. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 8-17.	5.0	117
33	Removal and recovery of hazardous triphenylmethane dye, Methyl Violet through adsorption over granulated waste materials. <i>Journal of Hazardous Materials</i> , 2008, 150, 364-375.	6.5	117
34	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). <i>Journal of Hazardous Materials</i> , 2008, 151, 821-832.	6.5	254
35	Freundlich and Langmuir adsorption isotherms and kinetics for the removal of Tartrazine from aqueous solutions using hen feathers. <i>Journal of Hazardous Materials</i> , 2007, 146, 243-248.	6.5	354
36	Studies on the adsorption kinetics and isotherms for the removal and recovery of Methyl Orange from wastewaters using waste materials. <i>Journal of Hazardous Materials</i> , 2007, 148, 229-240.	6.5	435

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Adsorption of a hazardous dye, erythrosine, over hen feathers. Journal of Colloid and Interface Science, 2006, 304, 52-57.	5.0	305
40	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
41	Batch and bulk removal of hazardous dye, indigo carmine from wastewater through adsorption. Journal of Hazardous Materials, 2006, 137, 591-602.	6.5	130
42	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.	6.5	80
43	Transient charging and discharging current studies on unstretched and stretched polypropylene films. Journal of Materials Science Letters, 2001, 20, 681-685.	0.5	14
44	Sequestration of crystal violet from aqueous solution using ash of black turmeric rhizome. , 0, 220, 342-352.		38