

Vk Garg

List of Publications by Year in descending order

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36
papers

5,476
citations

172457

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377865

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36
all docs

36
docs citations

36
times ranked

5017
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequestration of heavy metals from contaminated water using magnetic carbon nanocomposites. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100066.	3.0	13
2	Sequestration of heavy metal ions from multi-metal simulated wastewater systems using processed agricultural biomass. <i>Chemosphere</i> , 2022, 296, 133966.	8.2	16
3	Management of banana crop waste biomass using vermicomposting technology. <i>Bioresource Technology</i> , 2021, 326, 124742.	9.6	38
4	Application of EDTA modified Fe ₃ O ₄ /sawdust carbon nanocomposites to ameliorate methylene blue and brilliant green dye laden water. <i>Environmental Research</i> , 2019, 172, 43-54.	7.5	86
5	Removal of Methylene Blue from aqueous solution by Fe ₃ O ₄ @Ag/SiO ₂ nanospheres: Synthesis, characterization and adsorption performance. <i>Journal of Molecular Liquids</i> , 2018, 250, 413-422.	4.9	83
6	Management of food and vegetable processing waste spiked with buffalo waste using earthworms (<i>Eisenia fetida</i>). <i>Environmental Science and Pollution Research</i> , 2017, 24, 7829-7836.	5.3	60
7	Removal of Congo red and Brilliant green dyes from aqueous solution using flower shaped ZnO nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5420-5428.	6.7	98
8	Vermitechnology for Organic Waste Recycling. , 2017, , 83-112.		2
9	Preparation, characterization and potential use of flower shaped Zinc oxide nanoparticles (ZON) for the adsorption of Victoria Blue B dye from aqueous solution. <i>Advanced Powder Technology</i> , 2016, 27, 1180-1188.	4.1	74
10	Combined Effect of Sunflower Stem Carbonâ€“Calcium Alginate Beads for the Removal and Recovery of Chromium from Contaminated Water in Column Mode. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 1419-1425.	3.7	14
11	Nutrient Recycling from Industrial Solid Wastes and Weeds by Vermiprocessing Using Earthworms. <i>Pedosphere</i> , 2013, 23, 668-677.	4.0	31
12	Sequestering of Cd (II) and Ni (II) from aqueous solutions onto chelex 100. <i>Desalination and Water Treatment</i> , 2011, 28, 211-216.	1.0	6
13	Optimization of cow dung spiked pre-consumer processing vegetable waste for vermicomposting using <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 19-24.	6.0	93
14	Investigation of Cr(VI) adsorption onto chemically treated <i>Helianthus annuus</i> : Optimization using Response Surface Methodology. <i>Bioresource Technology</i> , 2011, 102, 600-605.	9.6	121
15	Potential of <i>Eisenia fetida</i> for vermicomposting of garden trimmings spiked with cow dung. <i>International Journal of Global Environmental Issues</i> , 2010, 10, 293.	0.1	0
16	Removal of Cr(VI) from aqueous solutions using pre-consumer processing agricultural waste: A case study of rice husk. <i>Journal of Hazardous Materials</i> , 2009, 162, 312-320.	12.4	192
17	Chromium(VI) removal from aqueous system using <i>Helianthus annuus</i> (sunflower) stem waste. <i>Journal of Hazardous Materials</i> , 2009, 162, 365-372.	12.4	242
18	Vermiremediation and nutrient recovery of non-recyclable paper waste employing <i>Eisenia fetida</i> . <i>Journal of Hazardous Materials</i> , 2009, 162, 430-439.	12.4	120

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19	Feasibility of nutrient recovery from industrial sludge by vermicomposting technology. Journal of Hazardous Materials, 2009, 168, 262-268.	12.4	125
20	A comparative study for the removal of hexavalent chromium from aqueous solution by agriculture wastesâ€™ carbons. Journal of Hazardous Materials, 2009, 171, 83-92.	12.4	163
21	Removal of hexavalent chromium from aqueous solution by adsorption on treated sugarcane bagasse using response surface methodological approach. Desalination, 2009, 249, 475-479.	8.2	82
22	Chromium (VI) uptake from aqueous solution by adsorption onto timber industry waste. Desalination and Water Treatment, 2009, 12, 238-246.	1.0	11
23	Removal of a dye from simulated wastewater by adsorption using treated parthenium biomass. Journal of Hazardous Materials, 2008, 153, 213-220.	12.4	56
24	Stabilization of primary sewage sludge during vermicomposting. Journal of Hazardous Materials, 2008, 153, 1023-1030.	12.4	188
25	Removal of cadmium (II) from aqueous solutions by adsorption on agricultural waste biomass. Journal of Hazardous Materials, 2008, 154, 1149-1157.	12.4	272
26	Sequestration of nickel from aqueous solution onto activated carbon prepared from Parthenium hysterophorus L.. Journal of Hazardous Materials, 2008, 157, 503-509.	12.4	84
27	Adsorptive removal of basic dye by chemically activated Parthenium biomass: equilibrium and kinetic modeling. Desalination, 2008, 219, 250-261.	8.2	110
28	Removal of Nickel(II) from aqueous solution by adsorption on agricultural waste biomass using a response surface methodological approach. Bioresource Technology, 2008, 99, 1325-1331.	9.6	290
29	Vermiconversion of industrial sludge for recycling the nutrients. Bioresource Technology, 2008, 99, 8699-8704.	9.6	51
30	Removal of a basic dye from aqueous solution by adsorption using Parthenium hysterophorus: An agricultural waste. Dyes and Pigments, 2007, 74, 653-658.	3.7	172
31	Removal of hexavalent chromium from aqueous solution by agricultural waste biomass. Journal of Hazardous Materials, 2007, 140, 60-68.	12.4	463
32	Adsorption of chromium from aqueous solution on treated sawdust. Bioresource Technology, 2004, 92, 79-81.	9.6	230
33	Removal of malachite green dye from aqueous solution by adsorption using agro-industry waste: a case study of Prosopis cineraria. Dyes and Pigments, 2004, 62, 1-10.	3.7	425
34	Basic dye (methylene blue) removal from simulated wastewater by adsorption using Indian Rosewood sawdust: a timber industry waste. Dyes and Pigments, 2004, 63, 243-250.	3.7	624
35	Dye removal from aqueous solution by adsorption on treated sawdust. Bioresource Technology, 2003, 89, 121-124.	9.6	644
36	Vermicomposting of mixed solid textile mill sludge and cow dung with the epigeic earthworm Eisenia foetida. Bioresource Technology, 2003, 90, 311-316.	9.6	197