

Varsha Srivastava

List of Publications by Year in descending order

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114
papers

6,603
citations

53751

45
h-index

69214

77
g-index

115
all docs

115
docs citations

115
times ranked

7466
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Continuous Photo-catalytic/Ozonation System: Application on Amido Black Removal from Water. <i>Ozone: Science and Engineering</i> , 2022, 44, 545-565.	1.4	1
2	Methylene blue adsorption on magnesium ferrite: Optimization study, kinetics and reusability. <i>Materials Today Communications</i> , 2022, 31, 103594.	0.9	11
3	Metal-organic framework-based materials for the abatement of air pollution and decontamination of wastewater. <i>Chemosphere</i> , 2022, 303, 135082.	4.2	37
4	Novel poly-D-galacturonic acid methyl ester grafted vinyl monomer polymer super green adsorbent via C-O strategic protrusion of methyl methacrylate (MMA) for removal of Sm (III) and Nd (III). <i>Separation and Purification Technology</i> , 2021, 258, 117474.	3.9	3
5	Preparation of tungstophosphoric acid/cerium-doped NH ₂ -UiO-66 Z-scheme photocatalyst: a new candidate for green photo-oxidation of dibenzothiophene and quinoline using molecular oxygen as the oxidant. <i>New Journal of Chemistry</i> , 2021, 45, 10897-10906.	1.4	4
6	Protein recovery as a resource from waste specifically via membrane technology "from waste to wonder. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10262-10282.	2.7	20
7	Designed synthesis of perylene diimide-based supramolecular heterojunction with g-C ₃ N ₄ @MIL-125(Ti): insight into photocatalytic performance and mechanism. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19-32.	1.1	9
8	Sub-level engineering strategy of nitrogen-induced Bi ₂ O ₃ /g-C ₃ N ₄ : a versatile photocatalyst for oxidation and reduction. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50747-50766.	2.7	11
9	Micro/nano-machines for spilled-oil cleanup and recovery: A review. <i>Chemosphere</i> , 2021, 271, 129516.	4.2	18
10	Date Palm Fiber as a novel precursor for porous activated carbon: Optimization, characterization and its application as Tylosin antibiotic scavenger from aqueous solution. <i>Surfaces and Interfaces</i> , 2021, 24, 101047.	1.5	25
11	Effect of Mg ²⁺ ions on competitive metal ions adsorption/desorption on magnesium ferrite: Mechanism, reusability and stability studies. <i>Journal of Hazardous Materials</i> , 2021, 411, 124902.	6.5	15
12	Montmorillonite-anchored magnetite nanocomposite for recovery of ammonium from stormwater and its reuse in adsorption of Sc ³⁺ . <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	2.0	9
13	Gd ³⁺ doped BiVO ₄ and visible light-emitting diodes (LED) for photocatalytic decomposition of bisphenol A, bisphenol S and bisphenol AF in water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105842.	3.3	11
14	An overview on non-spherical semiconductors for heterogeneous photocatalytic degradation of organic water contaminants. <i>Chemosphere</i> , 2021, 280, 130907.	4.2	84
15	Effect of magnesium ferrite doping with lanthanide ions on dark-, visible- and UV-driven methylene blue degradation on heterogeneous Fenton-like catalysts. <i>Ceramics International</i> , 2021, 47, 29786-29794.	2.3	33
16	Enhancement of Eu and Ce doped TiO ₂ thin films photoactivity: Application on Amido Black photodegradation. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108912.	1.8	14
17	Iron-based metal-organic framework: Synthesis, structure and current technologies for water reclamation with deep insight into framework integrity. <i>Chemosphere</i> , 2021, 284, 131171.	4.2	83
18	Grand Challenges in Chemical Treatment of Hazardous Pollutants. <i>Frontiers in Environmental Chemistry</i> , 2021, 2, .	0.7	5

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19	Effect of different co-solvents on biodiesel production from various low-cost feedstocks using Sr-Al double oxides. <i>Renewable Energy</i> , 2020, 146, 2158-2169.	4.3	40
20	Template-confined growth of X-Bi ₂ MoO ₆ (X: F, Cl, Br, I) nanoplates with open surfaces for photocatalytic oxidation; experimental and DFT insights of the halogen doping. <i>Solar Energy</i> , 2020, 196, 567-581.	2.9	52
21	UVC-assisted photocatalytic degradation of carbamazepine by Nd-doped Sb ₂ O ₃ /TiO ₂ photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 461-469.	5.0	26
22	Design and preparation of core-shell structured magnetic graphene oxide@MIL-101(Fe): Photocatalysis under shell to remove diazinon and atrazine pesticides. <i>Solar Energy</i> , 2020, 208, 990-1000.	2.9	41
23	Incorporation of inorganic matrices through different routes to enhance the adsorptive properties of xanthan via adsorption and membrane separation for selective REEs recovery. <i>Chemical Engineering Journal</i> , 2020, 388, 124281.	6.6	25
24	Compost: Potent biosorbent for the removal of heavy metals from industrial and landfill stormwater. <i>Journal of Cleaner Production</i> , 2020, 273, 122736.	4.6	23
25	Preparation of phosphorus-modified BiOx as versatile catalyst for enhanced photo-reduction of Cr(VI) and oxidation of organic dyes. <i>Solar Energy</i> , 2020, 207, 1282-1299.	2.9	13
26	Heterogeneous Fenton Oxidation Using Magnesium Ferrite Nanoparticles for Ibuprofen Removal from Wastewater: Optimization and Kinetics Studies. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-9.	1.5	25
27	Sorption and mechanism studies of Cu ²⁺ , Sr ²⁺ and Pb ²⁺ ions on mesoporous aluminosilicates/zeolite composite sorbents. <i>Water Science and Technology</i> , 2020, 82, 984-997.	1.2	13
28	Cytotoxic aquatic pollutants and their removal by nanocomposite-based sorbents. <i>Chemosphere</i> , 2020, 258, 127324.	4.2	59
29	Biochar based catalysts for the abatement of emerging pollutants: A review. <i>Chemical Engineering Journal</i> , 2020, 394, 124856.	6.6	129
30	Synthesis of novel adsorbent by intercalation of biopolymer in LDH for the removal of arsenic from synthetic and natural water. <i>Journal of Environmental Sciences</i> , 2020, 91, 246-261.	3.2	52
31	Synthesis of hybrid bionanocomposites and their application for the removal of rare-earth elements from synthetic wastewater. , 2020, , 505-564.		10
32	Effect of lithium ions on the catalytic efficiency of calcium oxide as a nanocatalyst for the transesterification of lard oil. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2464-2474.	2.5	9
33	Ionic liquid-based water treatment technologies for organic pollutants: Current status and future prospects of ionic liquid mediated technologies. <i>Science of the Total Environment</i> , 2019, 690, 604-619.	3.9	128
34	Investigation of textural properties and photocatalytic activity of PbO/TiO ₂ and Sb ₂ O ₃ /TiO ₂ towards the photocatalytic degradation Benzophenone-3 UV filter. <i>Separation and Purification Technology</i> , 2019, 228, 115763.	3.9	33
35	Unusual behavior of MgFe ₂ O ₄ during regeneration: desorption versus specific adsorption. <i>Water Science and Technology</i> , 2019, 80, 654-658.	1.2	9
36	Arsenic (III) removal from water by hydroxyapatite-bentonite clay-nanocrystalline cellulose. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13147.	1.3	25

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37	Photocatalytic degradation of an artificial sweetener (Acesulfame-K) from synthetic wastewater under UV-LED controlled illumination. <i>Chemical Engineering Research and Design</i> , 2019, 123, 206-214.	2.7	22
38	Augmentation of Neodymium Ions Removal from Water Using Two Lanthanides-Based MOF: Ameliorated Efficiency by Synergistic Interaction of Two Lanthanides. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 3105-3112.	1.0	18
39	Synthesis of layered perovskite Ag ₂ F-Bi ₂ MoO ₆ /rGO: A surface plasmon resonance and oxygen vacancy promoted nanocomposite as a visible-light photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 379, 130-143.	2.0	36
40	Effect of metal ions adsorption on the efficiency of methylene blue degradation onto MgFe ₂ O ₄ as Fenton-like catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 571, 17-26.	2.3	106
41	Nano-magnetic potassium impregnated ceria as catalyst for the biodiesel production. <i>Renewable Energy</i> , 2019, 139, 1428-1436.	4.3	75
42	Degradation of Ibuprofen by UV-LED/catalytic advanced oxidation process. <i>Journal of Water Process Engineering</i> , 2019, 31, 100808.	2.6	50
43	The enhanced catalytic potential of sulfur-doped MgO (S-MgO) nanoparticles in activation of peroxydisulfates for advanced oxidation of acetaminophen. <i>Chemical Engineering Journal</i> , 2019, 371, 404-413.	6.6	60
44	Novel magnetic Fe ₃ O ₄ @rGO@ZnO onion-like microspheres decorated with Ag nanoparticles for the efficient photocatalytic oxidation of metformin: toxicity evaluation and insights into the mechanisms. <i>Catalysis Science and Technology</i> , 2019, 9, 5819-5837.	2.1	30
45	Novel Functionality of Lithium-Impregnated Titania as Nanocatalyst. <i>Catalysts</i> , 2019, 9, 943.	1.6	1
46	A synergic approach for nutrient recovery and biodiesel production by the cultivation of microalga species in the fertilizer plant wastewater. <i>Scientific Reports</i> , 2019, 9, 19073.	1.6	17
47	Endosulfan removal through bioremediation, photocatalytic degradation, adsorption and membrane separation processes: A review. <i>Chemical Engineering Journal</i> , 2019, 360, 912-928.	6.6	85
48	Gingerbread ingredient-derived carbons-assembled CNT foam for the efficient peroxydisulfate-mediated degradation of emerging pharmaceutical contaminants. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 367-384.	10.8	63
49	Nanochitin/manganese oxide-biodegradable hybrid sorbent for heavy metal ions. <i>Carbohydrate Polymers</i> , 2019, 210, 135-143.	5.1	44
50	DUAL APPLICATION OF DIVALENT ION-ANCHORED CATALYST: BIODIESEL SYNTHESIS AND PHOTOCATALYTIC DEGRADATION OF CARBAMAZEPINE. <i>Catalysis in Green Chemistry and Engineering</i> , 2019, 2, 25-42.	0.2	6
51	A novel approach for synthesis of exfoliated biopolymeric-LDH hybrid nanocomposites via in-situ coprecipitation with gum Arabic: Application towards REEs recovery. <i>Chemical Engineering Journal</i> , 2018, 347, 398-406.	6.6	48
52	Fabrication of novel metal ion imprinted xanthan gum-layered double hydroxide nanocomposite for adsorption of rare earth elements. <i>Carbohydrate Polymers</i> , 2018, 194, 274-284.	5.1	89
53	Dry and wet ozonation of denim: Degradation products, reaction mechanism, toxicity and cytotoxicity assessment. <i>Chemosphere</i> , 2018, 203, 514-520.	4.2	11
54	Understanding the factors affecting the adsorption of Lanthanum using different adsorbents: A critical review. <i>Chemosphere</i> , 2018, 204, 413-430.	4.2	222

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55	Magnesium ferrite nanoparticles as a magnetic sorbent for the removal of Mn ²⁺ , Co ²⁺ , Ni ²⁺ and Cu ²⁺ from aqueous solution. <i>Ceramics International</i> , 2018, 44, 9097-9104.	2.3	86
56	Carboxymethyl Chitosan and Its Hydrophobically Modified Derivative as pH-Switchable Emulsifiers. <i>Langmuir</i> , 2018, 34, 2800-2806.	1.6	65
57	Application of Al ₂ O ₃ modified sulfate tailings (CaFe-Cake and SuFe) for efficient removal of cyanide ions from mine process water. <i>Minerals Engineering</i> , 2018, 118, 24-32.	1.8	12
58	Recent advancement in biodiesel production methodologies using various feedstock: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 90, 356-369.	8.2	439
59	Insights into the generation of reactive oxygen species (ROS) over polythiophene/ZnIn ₂ S ₄ based on different modification processing. <i>Catalysis Science and Technology</i> , 2018, 8, 2186-2194.	2.1	25
60	Synthesis of novel GA-g-PAM/SiO ₂ nanocomposite for the recovery of rare earth elements (REE) ions from aqueous solution. <i>Journal of Cleaner Production</i> , 2018, 170, 251-259.	4.6	91
61	Application of Potassium Ion Impregnated Titanium Dioxide as Nanocatalyst for Transesterification of Linseed Oil. <i>Energy & Fuels</i> , 2018, 32, 11645-11655.	2.5	22
62	Removal of Cd ²⁺ , Ni ²⁺ and PO ₄ ³⁻ from aqueous solution by hydroxyapatite-bentonite clay-nanocellulose composite. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 903-912.	3.6	63
63	Synthesis and application of biocompatible nontoxic nanoparticles for reclamation of Ce ³⁺ from synthetic wastewater: Toxicity assessment, kinetic, isotherm and thermodynamic study. <i>Journal of Rare Earths</i> , 2018, 36, 994-1006.	2.5	32
64	Fabrication of Sb ₂ O ₃ /PbO photocatalyst for the UV/PMS assisted degradation of carbamazepine from synthetic wastewater. <i>Chemical Engineering Journal</i> , 2018, 354, 663-671.	6.6	44
65	Application of zinc-aluminium layered double hydroxides for adsorptive removal of phosphate and sulfate: Equilibrium, kinetic and thermodynamic. <i>Chemosphere</i> , 2018, 209, 470-479.	4.2	107
66	The pH sensitive properties of carboxymethyl chitosan nanoparticles cross-linked with calcium ions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 153, 229-236.	2.5	112
67	Chemically immobilized and physically adsorbed PAN/acetylacetone modified mesoporous silica for the recovery of rare earth elements from the waste water-comparative and optimization study. <i>Water Research</i> , 2017, 114, 264-276.	5.3	82
68	Influence of relaxation modes on membrane fouling in submerged membrane bioreactor for domestic wastewater treatment. <i>Chemosphere</i> , 2017, 181, 19-25.	4.2	58
69	Eco-friendly bleaching of indigo dyed garment by advanced oxidation processes. <i>Journal of Cleaner Production</i> , 2017, 158, 134-142.	4.6	23
70	Degradation and mineralization of phenol in aqueous medium by heterogeneous monopersulfate activation on nanostructured cobalt based-perovskite catalysts ACoO ₃ (A = La, Ba, Sr and Ce): Characterization, kinetics and mechanism study. <i>Applied Catalysis B: Environmental</i> , 2017, 215, 60-73.	10.8	174
71	Pretreatment assisted synthesis and characterization of cellulose nanocrystals and cellulose nanofibers from absorbent cotton. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 248-257.	3.6	49
72	Non-apatite Ca-Mg phosphate sorbent for removal of toxic metal ions from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2010-2017.	3.3	31

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73	Enrichment of lanthanides in aqueous system by cellulose based silica nanocomposite. <i>Chemical Engineering Journal</i> , 2017, 320, 151-159.	6.6	101
74	Kinetic and thermodynamic studies of the Co(II) and Ni(II) ions removal from aqueous solutions by Ca-Mg phosphates. <i>Chemosphere</i> , 2017, 171, 348-354.	4.2	26
75	Removal of cationic and anionic heavy metals from water by 1D and 2D-carbon structures decorated with magnetic nanoparticles. <i>Scientific Reports</i> , 2017, 7, 14107.	1.6	53
76	Green thermal-assisted synthesis and characterization of novel cellulose-Mg(OH) ₂ nanocomposite in PEG/NaOH solvent. <i>Carbohydrate Polymers</i> , 2017, 176, 327-335.	5.1	11
77	Modification of ZnIn ₂ S ₄ by anthraquinone-2-sulfonate doped polypyrrole as acceptor-donor system for enhanced photocatalytic degradation of tetracycline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 150-160.	2.0	47
78	Ligand immobilized novel hybrid adsorbents for rare earth elements (REE) removal from waste water: Assessing the feasibility of using APTES functionalized silica in the hybridization process with chitosan. <i>Chemical Engineering Journal</i> , 2017, 330, 1370-1379.	6.6	68
79	Synthesis of malachite@clay nanocomposite for rapid scavenging of cationic and anionic dyes from synthetic wastewater. <i>Journal of Environmental Sciences</i> , 2017, 51, 97-110.	3.2	39
80	Synthesis and application of LDH intercalated cellulose nanocomposite for separation of rare earth elements (REEs). <i>Chemical Engineering Journal</i> , 2017, 309, 130-139.	6.6	140
81	Application of a heterogeneous adsorbent (HA) for the removal of hexavalent chromium from aqueous solutions: Kinetic and equilibrium modeling. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3073-S3083.	2.3	13
82	OPTIMIZATION OF IMPORTANT PROCESS PARAMETERS FOR THE REMOVAL OF Cr(VI) BY A MODIFIED WASTE MATERIAL. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 2719-2730.	0.2	1
83	Kinetics and isotherm study on adsorption of chromium on nano crystalline iron oxide/hydroxide: linear and nonlinear analysis of isotherm and kinetic parameters. <i>Research on Chemical Intermediates</i> , 2016, 42, 7133-7151.	1.3	45
84	Synthesis and characterization of PPy@NiO nano-particles and their use as adsorbent for the removal of Sr(II) from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2016, 223, 395-406.	2.3	15
85	Potential of cobalt ferrite nanoparticles (CoFe ₂ O ₄) for remediation of hexavalent chromium from synthetic and printing press wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2922-2932.	3.3	37
86	Green synthesis of magnesium oxide nanoflower and its application for the removal of divalent metallic species from synthetic wastewater. <i>Ceramics International</i> , 2015, 41, 6702-6709.	2.3	117
87	Application of nano-magnesso ferrite (n-MgFe ₂ O ₄) for the removal of Co ²⁺ ions from synthetic wastewater: Kinetic, equilibrium and thermodynamic studies. <i>Applied Surface Science</i> , 2015, 338, 42-54.	3.1	80
88	Separation and removal of Cu ²⁺ , Fe ²⁺ , and Fe ³⁺ from environmental waste samples by N-benzoyl-n-phenylhydroxylamine. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 521-528.	1.2	4
89	Critical Review on the Toxicity of Some Widely Used Engineered Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6209-6233.	1.8	222
90	Application of response surface methodology for optimization of Co(II) removal from synthetic wastewater by adsorption on NiO nanoparticles. <i>Journal of Molecular Liquids</i> , 2015, 211, 613-620.	2.3	35

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91	Synthesis and application of polypyrrole coated tenorite nanoparticles (PPy@TN) for the removal of the anionic food dye tartrazine™ and divalent metallic ions viz. Pb(II), Cd(II), Zn(II), Co(II), Mn(II) from synthetic wastewater. RSC Advances, 2015, 5, 80829-80843.	1.7	53
92	Response surface methodological approach for the optimization of adsorption process in the removal of Cr(VI) ions by Cu ₂ (OH) ₂ CO ₃ nanoparticles. Applied Surface Science, 2015, 326, 257-270.	3.1	60
93	Liquid Phase Extraction of Cd ²⁺ , Ni ²⁺ , Pb ²⁺ and Zn ²⁺ by N-benzoyl-nphenylhydroxylamine (BPA) from Environmental Waste Samples. Current Analytical Chemistry, 2014, 11, 36-43.	0.6	8
94	Synthesis and Characterization of Fe ₃ O ₄ @n-SiO ₂ Nanoparticles from an Agrowaste Material and Its Application for the Removal of Cr(VI) from Aqueous Solutions. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	27
95	Adsorption studies of methylene blue onto activated saw dust: kinetics, equilibrium, and thermodynamic studies. Environmental Progress and Sustainable Energy, 2014, 33, 790-799.	1.3	42
96	Crystallite size and phase transition demeanor of ceramic steel. Materials Chemistry and Physics, 2014, 145, 320-326.	2.0	14
97	Kinetic and thermodynamic studies on the removal of Cu(II) ions from aqueous solutions by adsorption on modified sand. Journal of Industrial and Engineering Chemistry, 2014, 20, 841-847.	2.9	48
98	Adsorption characteristics of modified sand for the removal of hexavalent chromium ions from aqueous solutions: Kinetic, thermodynamic and equilibrium studies. Catena, 2013, 100, 120-127.	2.2	121
99	Studies on the removal of nickel from aqueous solutions using modified riverbed sand. Environmental Science and Pollution Research, 2013, 20, 558-567.	2.7	51
100	Application of a new adsorbent for fluoride removal from aqueous solutions. Journal of Hazardous Materials, 2013, 263, 342-352.	6.5	99
101	Synthesis, characterization and application of zinc oxide nanoparticles (n-ZnO). Ceramics International, 2013, 39, 9803-9808.	2.3	158
102	Application of a Thermally Modified Agrowaste Material for an Economically Viable Removal of Cr(VI) from Aqueous Solutions. Journal of Hazardous, Toxic, and Radioactive Waste, 2013, 17, 125-133.	1.2	4
103	Chemically modified natural polysaccharide as green corrosion inhibitor for mild steel in acidic medium. Corrosion Science, 2012, 59, 35-41.	3.0	241
104	Comparative Studies of Removal of Cr(VI) and Ni(II) from Aqueous Solutions by Magnetic Nanoparticles. Journal of Chemical & Engineering Data, 2011, 56, 819-825.	1.0	69
105	Adsorption of Nickel Ions from Aqueous Solutions by Nano Alumina: Kinetic, Mass Transfer, and Equilibrium Studies. Journal of Chemical & Engineering Data, 2011, 56, 1414-1422.	1.0	167
106	Economically viable synthesis of Fe ₃ O ₄ nanoparticles and their characterization. Polish Journal of Chemical Technology, 2011, 13, 1-5.	0.3	22
107	Inhibitive effect of polyacrylamide grafted with fenugreek mucilage on corrosion of mild steel in 0.5 M H ₂ SO ₄ at 35°C. Journal of Applied Polymer Science, 2010, 116, 810-816.	1.3	18
108	Corrosion inhibition of mild steel in acidic medium by poly (aniline-co-o-toluidine) doped with p-toluene sulphonic acid. Journal of Applied Electrochemistry, 2010, 40, 2135-2143.	1.5	27

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109	Separation of Ni(II) Ions from Aqueous Solutions by Magnetic Nanoparticles. Journal of Chemical & Engineering Data, 2010, 55, 1441-1442.	1.0	42
110	Synthesis and Application of Nano-Al ₂ O ₃ Powder for the Reclamation of Hexavalent Chromium from Aqueous Solutions. Journal of Chemical & Engineering Data, 2010, 55, 2390-2398.	1.0	68
111	Removal of Cr(VI) from wastewater by adsorption on iron nanoparticles. Canadian Journal of Chemical Engineering, 2009, 87, 921-929.	0.9	68
112	Nano-adsorbents for the removal of metallic pollutants from water and wastewater. Environmental Technology (United Kingdom), 2009, 30, 583-609.	1.2	352
113	Alumina Nanoparticles for the Removal of Ni(II) from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2008, 47, 8095-8100.	1.8	106
114	Reclamation of Cr(VI) rich water and wastewater by wollastonite. Chemical Engineering Journal, 2007, 127, 151-156.	6.6	44