Weiming Zhang

List of Publications by Year
in descending order

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135 papers	10,417 citations	31976 53 h-index	34986 98 g-index
135 all docs	135 docs citations	135 times ranked	9749 citing authors

#	Article	IF	Citations
1	Highly efficient and selective Hg(II) removal from water by thiol-functionalized MOF-808: Kinetic and mechanism study. Chemical Engineering Journal, 2022, 430, 132960.	12.7	79
2	Mechanistic insight into selective adsorption and easy regeneration of carboxyl-functionalized MOFs towards heavy metals. Journal of Hazardous Materials, 2022, 424, 127684.	12.4	35
3	Iron-based metal-organic framework derived pyrolytic materials for effective Fenton-like catalysis: Performance, mechanisms and practicability. Science of the Total Environment, 2022, 809, 152201.	8.0	13
4	Efficient Metal Cutting Fluid Wastewater Separation of Polyacrylonitrile Ultrafiltration Membranes Enabled by Metal Ion Cross-Linking. ACS ES&T Water, 2022, 2, 1143-1151.	4.6	6
5	Fabrication of a reusable polymer-based cerium hydroxide nanocomposite with high stability for preferable phosphate removal. Chemical Engineering Journal, 2021, 405, 126649.	12.7	46
6	Utilization of gel-type polystyrene host for immobilization of nano-sized hydrated zirconium oxides: A new strategy for enhanced phosphate removal. Chemosphere, 2021, 263, 127938.	8.2	26
7	Enhancing the performance of Fenton-like oxidation by a dual-layer membrane: A sequential interception-oxidation process. Journal of Hazardous Materials, 2021, 402, 123766.	12.4	18
8	A mini review of multifunctional ultrafiltration membranes for wastewater decontamination: Additional functions of adsorption and catalytic oxidation. Science of the Total Environment, 2021, 762, 143083.	8.0	50
9	Temperature regulated adsorption and desorption of heavy metals to A-MIL-121: Mechanisms and the role of exchangeable protons. Water Research, 2021, 189, 116599.	11.3	46
10	High-Efficiency and Sustainable Desalination Using Thermo-regenerable MOF-808-EDTA: Temperature-Regulated Proton Transfer. ACS Applied Materials & Interfaces, 2021, 13, 23833-23842.	8.0	26
11	The nature and catalytic reactivity of UiO-66 supported Fe3O4 nanoparticles provide new insights into Fe-Zr dual active centers in Fenton-like reactions. Applied Catalysis B: Environmental, 2021, 286, 119943.	20.2	65
12	Sorption enhancement of nickel(II) from wastewater by ZIF-8 modified with poly (sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (	12.7	36
13	Trade-off between Fenton-like activity and structural stability of MILs(Fe). Chemical Engineering Journal, 2021, 420, 129583.	12.7	16
14	Roles of oxygen-containing functional groups of O-doped g-C3N4 in catalytic ozonation: Quantitative relationship and first-principles investigation. Applied Catalysis B: Environmental, 2021, 292, 120155.	20.2	137
15	Electron-rich oxygen enhanced Fe-doped g-C3N4 mediated Fenton-like process: Accelerate Fe(III) reduction and strengthen catalyst stability. Journal of Cleaner Production, 2021, 319, 128680.	9.3	18
16	Exploring mechanisms of different active species formation in heterogeneous Fenton systems by regulating iron chemical environment. Applied Catalysis B: Environmental, 2021, 295, 120282.	20.2	40
17	Different combined systems with Fenton-like oxidation and ultrafiltration for industrial wastewater treatment. Journal of Membrane Science, 2021, 638, 119688.	8.2	2
18	An in-situ strategy to analyze multi-effect catalysis in iron-copper bimetals catalyzed Fenton-like processes. Applied Catalysis B: Environmental, 2021, 299, 120697.	20.2	14

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19	Exploring the mechanism of ZrO2 structure features on H2O2 activation in Zrâ€“Fe bimetallic catalyst. Applied Catalysis B: Environmental, 2021, 299, 120685.	20.2	27
20	Integrating cationic metal-organic frameworks with ultrafiltration membrane for selective removal of perchlorate from Water. Journal of Hazardous Materials, 2020, 381, 120961.	12.4	32
21	Molecular identification guided process design for advanced treatment of electroless nickel plating effluent. Water Research, 2020, 168, 115211.	11.3	28
22	A novel water-stable two-dimensional zeolitic imidazolate frameworks thin-film composite membrane for enhancements in water permeability and nanofiltration performance. Chemosphere, 2020, 261, 127717.	8.2	12
23	Soft Particles Enable Fast and Selective Water Transport through Graphene Oxide Membranes. Nano Letters, 2020, 20, 7327-7332.	9.1	36
24	New insights into the fractionation of effluent organic matter on diagnosis of key composition affecting advanced phosphate removal by Zr-based nanocomposite. Water Research, 2020, 186, 116299.	11.3	17
25	Enhancing the Fenton-like Catalytic Activity of nFe₂O₃ by MIL-53(Cu) Support: A Mechanistic Investigation. Environmental Science & Technology, 2020, 54, 5258-5267.	10.0	103
26	Preferential Nitrate Removal from Water Using a New Recyclable Polystyrene Adsorbent Functionalized with Triethylamine Groups. Industrial & Engineering Chemistry Research, 2020, 59, 5194-5201.	3.7	16
27	Wrinkle structure on multifunctional MOFs to facilitate PPCPs adsorption in wastewater. Chemical Engineering Journal, 2020, 387, 124196.	12.7	61
28	Dual-functional millisphere of anion-exchanger-supported nanoceria for synergistic As(III) removal with stoichiometric H2O2: Catalytic oxidation and sorption. Chemical Engineering Journal, 2019, 360, 982-989.	12.7	27
29	Fabrication of a Novel Bifunctional Nanocomposite with Improved Selectivity for Simultaneous Nitrate and Phosphate Removal from Water. ACS Applied Materials & Interfaces, 2019, 11, 35277-35285.	8.0	41
30	Activation of zero-valent iron through ball-milling synthesis of hybrid Fe0/Fe3O4/FeCl2 microcomposite for enhanced nitrobenzene reduction. Journal of Hazardous Materials, 2019, 368, 698-704.	12.4	50
31	MIL-PVDF blend ultrafiltration membranes with ultrahigh MOF loading for simultaneous adsorption and catalytic oxidation of methylene blue. Journal of Hazardous Materials, 2019, 365, 312-321.	12.4	131
32	Nickel speciation of spent electroless nickel plating effluent along the typical sequential treatment scheme. Science of the Total Environment, 2019, 654, 35-42.	8.0	9
33	Enhanced Reactivity and Electron Selectivity of Sulfidated Zerovalent Iron toward Chromate under Aerobic Conditions. Environmental Science & Technology, 2018, 52, 2988-2997.	10.0	207
34	Enhanced removal of Se(VI) from water via pre-corrosion of zero-valent iron using H2O2/HCl: Effect of solution chemistry and mechanism investigation. Water Research, 2018, 133, 173-181.	11.3	44
35	Mesoporous Ce-Ti-Zr ternary oxide millispheres for efficient catalytic ozonation in bubble column. Chemical Engineering Journal, 2018, 338, 261-270.	12.7	51
36	Aging of zerovalent iron in various coexisting solutes: Characteristics, reactivity toward selenite and rejuvenation by weak magnetic field. Separation and Purification Technology, 2018, 191, 94-100.	7.9	17

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37	Effect of alkaline precipitation on Cr species of Cr(III)-bearing complexes typically used in the tannery industry. Chemosphere, 2018, 193, 42-49.	8.2	58
38	Sodium hypochlorite assisted membrane cleaning: Alterations in the characteristics of organic foulants and membrane permeability. Chemosphere, 2018, 211, 139-148.	8.2	27
39	A novel combined process for efficient removal of Se(VI) from sulfate-rich water: Sulfite/UV/Fe(III) coagulation. Chemosphere, 2018, 211, 867-874.	8.2	21
40	Enhanced chromium(VI) removal by zero-valent iron in the presence of anions and a weak magnetic field: Batch and column tests. Chemical Engineering Journal, 2018, 354, 445-453.	12.7	42
41	Efficient removal of nickel(II) from high salinity wastewater by a novel PAA/ZIF-8/PVDF hybrid ultrafiltration membrane. Water Research, 2018, 143, 87-98.	11.3	131
42	Enhanced debromination of 4-bromophenol by the UV/sulfite process: Efficiency and mechanism. Journal of Environmental Sciences, 2017, 54, 231-238.	6.1	51
43	Simultaneous removal of As(V) and Cr(VI) from water by macroporous anion exchanger supported nanoscale hydrous ferric oxide composite. Chemosphere, 2017, 171, 126-133.	8.2	56
44	Highly efficient and environmentally benign As(III) pre-oxidation in water by using a solid redox polymer. Chemosphere, 2017, 175, 300-306.	8.2	11
45	Efficient Removal of Trace Se(VI) by Millimeter-Sized Nanocomposite of Zerovalent Iron Confined in Polymeric Anion Exchanger. Industrial & Engineering Chemistry Research, 2017, 56, 5309-5317.	3.7	23
46	Coupled Effect of Ferrous Ion and Oxygen on the Electron Selectivity of Zerovalent Iron for Selenate Sequestration. Environmental Science & Technology, 2017, 51, 5090-5097.	10.0	88
47	Advances in Sulfidation of Zerovalent Iron for Water Decontamination. Environmental Science & Technology, 2017, 51, 13533-13544.	10.0	231
48	Enhanced removal of EDTA-chelated Cu(II) by polymeric anion-exchanger supported nanoscale zero-valent iron. Journal of Hazardous Materials, 2017, 321, 290-298.	12.4	85
49	Effects of organic acids of different molecular size on phosphate removal by HZO-201 nanocomposite. Chemosphere, 2017, 166, 422-430.	8.2	43
50	Chromium speciation in tannery effluent after alkaline precipitation: Isolation and characterization. Journal of Hazardous Materials, 2016, 316, 169-177.	12.4	107
51	Coupled Cu(II)-EDTA degradation and Cu(II) removal from acidic wastewater by ozonation: Performance, products and pathways. Chemical Engineering Journal, 2016, 299, 23-29.	12.7	140
52	Temporospatial evolution and removal mechanisms of As(V) and Se(VI) in ZVI column with H2O2 as corrosion accelerator. Water Research, 2016, 106, 461-469.	11.3	44
53	Efficient defluoridation of water using reusable nanocrystalline layered double hydroxides impregnated polystyrene anion exchanger. Water Research, 2016, 102, 109-116.	11.3	87
54	Arsenate Adsorption by Hydrous Ferric Oxide Nanoparticles Embedded in Cross-linked Anion Exchanger: Effect of the Host Pore Structure. ACS Applied Materials & Interfaces, 2016, 8, 3012-3020.	8.0	85

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55	Simultaneous organic/inorganic removal from water using a new nanocomposite adsorbent: A case study of p-nitrophenol and phosphate. Chemical Engineering Journal, 2015, 268, 399-407.	12.7	54
56	A new combined process for efficient removal of Cu(II) organic complexes from wastewater: Fe(III) displacement/UV degradation/alkaline precipitation. Water Research, 2015, 87, 378-384.	11.3	128
57	Preferable removal of phosphate from water using hydrous zirconium oxide-based nanocomposite of high stability. Journal of Hazardous Materials, 2015, 284, 35-42.	12.4	166
58	The Enhancement of Nitrate Reduction by Supported Pdâ€“Fe Nanoscale Particle. Science of Advanced Materials, 2015, 7, 1734-1740.	0.7	6
59	Recyclable polymer-based nano-hydrous manganese dioxide for highly efficient Tl(I) removal from water. Science China Chemistry, 2014, 57, 763-771.	8.2	31
60	Effect of spatial distribution and aging of ZVI on the reactivity of resinâ€“ZVI composites for arsenite removal. Journal of Materials Science, 2014, 49, 7073-7079.	3.7	10
61	Facile Fabrication of Magnetic Chitosan Beads of Fast Kinetics and High Capacity for Copper Removal. ACS Applied Materials & Interfaces, 2014, 6, 3421-3426.	8.0	138
62	Kinetic study of the removal of dimethyl phthalate from an aqueous solution using an anion exchange resin. Environmental Science and Pollution Research, 2014, 21, 6571-6577.	5.3	13
63	Iron-mediated oxidation of arsenic(III) by oxygen and hydrogen peroxide: Dispersed versus resin-supported zero-valent iron. Journal of Colloid and Interface Science, 2014, 428, 179-184.	9.4	13
64	Acid and organic resistant nano-hydrated zirconium oxide (HZO)/polystyrene hybrid adsorbent for arsenic removal from water. Chemical Engineering Journal, 2014, 248, 290-296.	12.7	85
65	Effective removal of effluent organic matter (EfOM) from bio-treated coking wastewater by a recyclable aminated hyper-cross-linked polymer. Water Research, 2013, 47, 4730-4738.	11.3	73
66	Preparation and performance evaluation of resin-derived carbon spheres for desulfurization of fuels. Science China Chemistry, 2013, 56, 393-398.	8.2	8
67	Oxalate-promoted dissolution of hydrous ferric oxide immobilized within nanoporous polymers: Effect of ionic strength and visible light irradiation. Chemical Engineering Journal, 2013, 232, 167-173.	12.7	31
68	A thermally stable mesoporous ZrO2â€“CeO2â€“TiO2 visible light photocatalyst. Chemical Engineering Journal, 2013, 229, 118-125.	12.7	40
69	Bifunctional resin-ZVI composites for effective removal of arsenite through simultaneous adsorption and oxidation. Water Research, 2013, 47, 6064-6074.	11.3	102
70	Bioregeneration of hyper-cross-linked polymeric resin preloaded with phenol. Bioresource Technology, 2013, 142, 701-705.	9.6	8
71	Effect of effluent organic matter on the adsorption of perfluorinated compounds onto activated carbon. Journal of Hazardous Materials, 2012, 225-226, 99-106.	12.4	151
72	A fabrication strategy for nanosized zero valent iron (nZVI)â€“polymeric anion exchanger composites with tunable structure for nitrate reduction. Journal of Hazardous Materials, 2012, 233-234, 1-6.	12.4	36

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73	Development of cation exchanger-based nano-CdS hybrid catalyst for visible-light photodegradation of rhodamine B from water. Science China Chemistry, 2012, 55, 409-415.	8.2	7
74	Visible Light Photocatalytic Degradation of RhB by Polymer-CdS Nanocomposites: Role of the Host Functional Groups. ACS Applied Materials & Interfaces, 2012, 4, 3938-3943.	8.0	58
75	Efficient As(III) removal by macroporous anion exchanger-supported Feâ€“Mn binary oxide: Behavior and mechanism. Chemical Engineering Journal, 2012, 193-194, 131-138.	12.7	81
76	Effect of sulfate on Cu(II) sorption to polymer-supported nano-iron oxides: Behavior and XPS study. Journal of Colloid and Interface Science, 2012, 366, 37-43.	9.4	56
77	Heavy metal removal from water/wastewater by nanosized metal oxides: A review. Journal of Hazardous Materials, 2012, 211-212, 317-331.	12.4	1,767
78	Treatment of aqueous diethyl phthalate by adsorption using a functional polymer resin. Environmental Technology (United Kingdom), 2011, 32, 145-153.	2.2	12
79	Nitrate reduction using nanosized zero-valent iron supported by polystyrene resins: Role of surface functional groups. Water Research, 2011, 45, 2191-2198.	11.3	213
80	Hydrous ferric oxideâ€“resin nanocomposites of tunable structure for arsenite removal: Effect of the host pore structure. Journal of Hazardous Materials, 2011, 198, 241-246.	12.4	74
81	Effect of CdS distribution on the photocatalytic performance of resin-CdS nanocomposites. Chemical Engineering Journal, 2011, 174, 351-356.	12.7	14
82	Catalytic dechlorination of monochlorobenzene by Pd/Fe nanoparticles immobilized within a polymeric anion exchanger. Chemical Engineering Journal, 2011, 178, 161-167.	12.7	44
83	New insights into nanocomposite adsorbents for water treatment: A case study of polystyrene-supported zirconium phosphate nanoparticles for lead removal. Journal of Nanoparticle Research, 2011, 13, 5355-5364.	1.9	54
84	Polymer-supported nanocomposites for environmental application: A review. Chemical Engineering Journal, 2011, 170, 381-394.	12.7	534
85	Immobilization of polyethylenimine nanoclusters onto a cation exchange resin through self-crosslinking for selective Cu(II) removal. Journal of Hazardous Materials, 2011, 190, 1037-1044.	12.4	55
86	Fabrication of anion exchanger resin/nano-CdS composite photocatalyst for visible light RhB degradation. Nanotechnology, 2011, 22, 305707.	2.6	14
87	Application of heterogeneous adsorbents in removal of dimethyl phthalate: Equilibrium and heat. AICHE Journal, 2010, 56, 2699-2705.	3.6	13
88	Use of hydrous manganese dioxide as a potential sorbent for selective removal of lead, cadmium, and zinc ions from water. Journal of Colloid and Interface Science, 2010, 349, 607-612.	9.4	162
89	Selective Adsorption of Cd(II) and Zn(II) Ions by Nano-Hydrous Manganese Dioxide (HMO)-Encapsulated Cation Exchanger. Industrial & Engineering Chemistry Research, 2010, 49, 7574-7579.	3.7	48
90	A New Approach to Catalytic Degradation of Dimethyl Phthlate by a Macroporous OH-Type Strongly Basic Anion Exchange Resin. Environmental Science & Technology, 2010, 44, 3130-3135.	10.0	30

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91	Selective Removal of Cu(II) Ions by Using Cation-exchange Resin-Supported Polyethyleneimine (PEI) Nanoclusters. Environmental Science & Technology, 2010, 44, 3508-3513.	10.0	207
92	Highly efficient removal of heavy metals by polymer-supported nanosized hydrated Fe(III) oxides: Behavior and XPS study. Water Research, 2010, 44, 815-824.	11.3	233
93	Adsorptive selenite removal from water using a nano-hydrated ferric oxides (HFOs)/polymer hybrid adsorbent. Journal of Environmental Monitoring, 2010, 12, 305-310.	2.1	36
94	Fabrication of polymer-supported nanosized hydrous manganese dioxide (HMO) for enhanced lead removal from waters. Science of the Total Environment, 2009, 407, 5471-5477.	8.0	111
95	Sorption enhancement of 1-naphthol onto a hydrophilic hyper-cross-linked polymer resin. Journal of Hazardous Materials, 2009, 163, 53-57.	12.4	27
96	Adsorption and desorption hysteresis of 4-nitrophenol on a hyper-cross-linked polymer resin NDA-701. Journal of Hazardous Materials, 2009, 168, 1217-1222.	12.4	24
97	Selective removal of Pb(II), Cd(II), and Zn(II) ions from waters by an inorganic exchanger Zr(HPO3S)2. Journal of Hazardous Materials, 2009, 170, 824-828.	12.4	32
98	Impregnating titanium phosphate nanoparticles onto a porous cation exchanger for enhanced lead removal from waters. Journal of Colloid and Interface Science, 2009, 331, 453-457.	9.4	42
99	Development of polymeric and polymer-based hybrid adsorbents for pollutants removal from waters. Chemical Engineering Journal, 2009, 151, 19-29.	12.7	463
100	Adsorption equilibrium and heat of phenol onto aminated polymeric resins from aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 346, 34-38.	4.7	33
101	Impregnating Zirconium Phosphate onto Porous Polymers for Lead Removal from Waters: Effect of Nanosized Particles and Polymer Chemistry. Industrial & Engineering Chemistry Research, 2009, 48, 4495-4499.	3.7	23
102	Development of polymer-based nanosized hydrated ferric oxides (HFOs) for enhanced phosphate removal from waste effluents. Water Research, 2009, 43, 4421-4429.	11.3	275
103	Preparation of polymer-supported hydrated ferric oxide based on Donnan membrane effect and its application for arsenic removal. Science in China Series B: Chemistry, 2008, 51, 379-385.	0.8	61
104	Adsorption of Pb2+, Zn2+, and Cd2+ from waters by amorphous titanium phosphate. Journal of Colloid and Interface Science, 2008, 318, 160-166.	9.4	65
105	Application of the Polanyi potential theory to phthalates adsorption from aqueous solution with hyper-cross-linked polymer resins. Journal of Colloid and Interface Science, 2008, 319, 392-397.	9.4	27
106	Equilibrium and heat of adsorption of diethyl phthalate on heterogeneous adsorbents. Journal of Colloid and Interface Science, 2008, 325, 41-47.	9.4	56
107	Removal of aromatic sulfonates from aqueous media by aminated polymeric sorbents: Concentration-dependent selectivity and the application. Microporous and Mesoporous Materials, 2008, 116, 63-69.	4.4	22
108	A comparative study on Pb2+, Zn2+ and Cd2+ sorption onto zirconium phosphate supported by a cation exchanger. Journal of Hazardous Materials, 2008, 152, 469-475.	12.4	57

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109	Adsorptive removal of phenol from aqueous phase by using a porous acrylic ester polymer. Journal of Hazardous Materials, 2008, 157, 293-299.	12.4	71
110	Removal enhancement of 1-naphthol and 1-naphthylamine in single and binary aqueous phase by acidâ€“basic interactions with polymer adsorbents. Journal of Hazardous Materials, 2008, 158, 293-299.	12.4	36
111	A comparative study on lead sorption by amorphous and crystalline zirconium phosphates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 322, 108-112.	4.7	32
112	A comparative study of the adsorption properties of 1-naphthylamine by XAD-4 and NDA-150 polymer resins. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 331, 257-262.	4.7	19
113	Arsenate Removal from Aqueous Media by Nanosized Hydrated Ferric Oxide (HFO)-Loaded Polymeric Sorbents: Effect of HFO Loadings. Industrial & Engineering Chemistry Research, 2008, 47, 3957-3962.	3.7	66
114	Selective Sorption of Lead, Cadmium and Zinc Ions by a Polymeric Cation Exchanger Containing Nano-Zr(HPO₃S)₂. Environmental Science & Technology, 2008, 42, 4140-4145.	10.0	107
115	Efficient Removal of Aromatic Sulfonates from Wastewater by a Recyclable Polymer: 2-Naphthalene Sulfonate as a Representative Pollutant. Environmental Science & Technology, 2008, 42, 7411-7416.	10.0	54
116	Recent Patents on Polymeric Adsorbents and their Derivatives for Pollutants Removal from Aqueous Media: A Mini-Review. Recent Patents on Engineering, 2008, 2, 122-131.	0.4	1
117	Selective heavy metals removal from waters by amorphous zirconium phosphate: Behavior and mechanism. Water Research, 2007, 41, 3103-3111.	11.3	142
118	Adsorption enhancement of laterally interacting phenol/aniline mixtures onto nonpolar adsorbents. Chemosphere, 2007, 66, 2044-2049.	8.2	34
119	Improved Adsorption of 4-Nitrophenol onto a Novel Hyper-Cross-Linked Polymer. Environmental Science & Technology, 2007, 41, 5057-5062.	10.0	126
120	Enhanced removal of p-chloroaniline from aqueous solution by a carboxylated polymeric sorbent. Journal of Hazardous Materials, 2007, 143, 462-468.	12.4	9
121	Cooperative effect of lateral acidâ€“base interaction on 1-naphthol/1-naphthylamine binary adsorption onto nonpolar polymer adsorbents. Separation and Purification Technology, 2007, 55, 141-146.	7.9	10
122	Enhanced adsorption of p-nitroaniline from water by a carboxylated polymeric adsorbent. Separation and Purification Technology, 2007, 57, 250-256.	7.9	74
123	Modeling synergistic adsorption of phenol/aniline mixtures in the aqueous phase onto porous polymer adsorbents. Journal of Colloid and Interface Science, 2007, 306, 216-221.	9.4	40
124	Highly effective removal of heavy metals by polymer-based zirconium phosphate: A case study of lead ion. Journal of Colloid and Interface Science, 2007, 310, 99-105.	9.4	117
125	Assessment on the removal of dimethyl phthalate from aqueous phase using a hydrophilic hyper-cross-linked polymer resin NDA-702. Journal of Colloid and Interface Science, 2007, 311, 382-390.	9.4	56
126	Preparation and preliminary assessment of polymer-supported zirconium phosphate for selective lead removal from contaminated water. Water Research, 2006, 40, 2938-2946.	11.3	55

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127	Cooperative adsorption behaviours of 1-naphthol and 1-naphthylamine onto nonpolar macroreticular adsorbents. Reactive and Functional Polymers, 2006, 66, 485-493.	4.1	21
128	Modeling cooperative adsorption of aromatic compounds in aqueous solutions to nonpolar adsorbent. Separation and Purification Technology, 2006, 49, 130-135.	7.9	18
129	Preparation of an aminated macroreticular resin adsorbent and its adsorption of p-nitrophenol from water. Journal of Hazardous Materials, 2006, 137, 1236-1240.	12.4	34
130	Synergistic effect on phenol/aniline mixture adsorption on nonpolar resin adsorbents from aqueous solution. Reactive and Functional Polymers, 2006, 66, 395-401.	4.1	14
131	COMPETITIVE AND COOPERATIVE EFFECT ON SIMULTANEOUS ADSORPTION OF PHENOL AND ANILINE FROM AQUEOUS SOLUTIONS BY HYPERCROSSLINKED POLYMERIC ADSORBENTS. Acta Polymerica Sinica, 2006, 006, 213-218.	0.0	2
132	Competitive and Cooperative Adsorption of Aromatic Acids and Bases onto a New Aminated Macroreticular Adsorbent. Adsorption Science and Technology, 2005, 23, 751-762.	3.2	5
133	Adsorption of phenolic compounds from aqueous solution onto a macroporous polymer and its aminated derivative: isotherm analysis. Journal of Hazardous Materials, 2005, 121, 233-241.	12.4	52
134	Application of an effective method in predicting breakthrough curves of fixed-bed adsorption onto resin adsorbent. Journal of Hazardous Materials, 2005, 124, 74-80.	12.4	72
135	Sorption Enhancement of Aromatic Sulfonates onto an Aminated Hyper-Cross-Linked Polymer. Environmental Science & Technology, 2005, 39, 3308-3313.	10.0	115