Deng Shubo

List of Publications by Year
in descending order

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152 papers	13,433 citations	16411 64 h-index	24179 110 g-index
154 all docs	154 docs citations	154 times ranked	11021 citing authors

#	Article	IF	Citations
1	Degradation of OBS (Sodium p-Perfluorous Nonenoxybenzenesulfonate) as a Novel Per- and Polyfluoroalkyl Substance by UV/Persulfate and UV/Sulfite: Fluorinated Intermediates and Treatability in Fluoroprotein Foam. Environmental Science & Technology, 2022, 56, 6201-6211.	4.6	22
2	Removal of low-concentration nickel in electroplating wastewater via incomplete decomplexation by ozonation and subsequent resin adsorption. Chemical Engineering Journal, 2022, 435, 134923.	6.6	18
3	Preparation of magnetic covalent triazine frameworks by ball milling for efficient removal of PFOS and PFOA substitutes from water. Environmental Science: Nano, 2022, 9, 1466-1475.	2.2	12
4	Can the commonly used quenching method really evaluate the role of reactive oxygen species in pollutant abatement during catalytic ozonation?. Water Research, 2022, 215, 118275.	5.3	126
5	Mechanochemical synthesis of catalysts and reagents for water decontamination: Recent advances and perspective. Science of the Total Environment, 2022, 825, 153992.	3.9	17
6	Effective Breaking of the Fluorocarbon Chain by the Interface Bi₂O₂XÂ·Â·Â·PFOA Complex Strategy via Coordinated Se on Construction of the Internal Photogenerated Carrier Pathway. ACS Applied Materials & Interfaces, 2022, 14, 654-667.	4.0	13
7	Identifying Pollution Sources in Surface Water Using a Fluorescence Fingerprint Technique in an Analytical Chemistry Laboratory Experiment for Advanced Undergraduates. Journal of Chemical Education, 2022, 99, 932-940.	1.1	8
8	Efficient degradation of typical pharmaceuticals in water using a novel TiO2/ONLH nano-photocatalyst under natural sunlight. Journal of Hazardous Materials, 2021, 403, 123582.	6.5	37
9	Removal of low concentrations of nickel ions in electroplating wastewater by combination of electrodialysis and electrodeposition. Chemosphere, 2021, 263, 128208.	4.2	49
10	Cationic covalent organic framework for efficient removal of PFOA substitutes from aqueous solution. Chemical Engineering Journal, 2021, 412, 127509.	6.6	54
11	Preparation of magnetic powdered carbon/nano-Fe3O4 composite for efficient adsorption and degradation of trichloropropyl phosphate from water. Journal of Hazardous Materials, 2021, 416, 125765.	6.5	15
12	Contribution of Nanobubbles for PFAS Adsorption on Graphene and OH- and NH₂-Functionalized Graphene: Comparing Simulations with Experimental Results. Environmental Science & Technology, 2021, 55, 13254-13263.	4.6	11
13	Mechanochemically synthesized S-ZVIbm composites for the activation of persulfate in the pH-independent degradation of atrazine: Effects of sulfur dose and ball-milling conditions. Chemical Engineering Journal, 2021, 423, 129789.	6.6	35
14	Removal of low concentrations of nickel ions in electroplating wastewater using capacitive deionization technology. Chemosphere, 2021, 284, 131341.	4.2	21
15	Rapid Removal of Perfluoroalkanesulfonates from Water by Î²-Cyclodextrin Covalent Organic Frameworks. ACS Applied Materials & Interfaces, 2021, 13, 48700-48708.	4.0	22
16	Adsorptive recovery of Au(III) from aqueous solution using crosslinked polyethyleneimine resins. Chemosphere, 2020, 241, 125122.	4.2	57
17	Nanoscale zero valent iron-activated persulfate coupled with Fenton oxidation process for typical pharmaceuticals and personal care products degradation. Separation and Purification Technology, 2020, 239, 116534.	3.9	73
18	Granular reduced graphene oxide/Fe3O4 hydrogel for efficient adsorption and catalytic oxidation of p-perfluorous nonenoxybenzene sulfonate. Journal of Hazardous Materials, 2020, 386, 121662.	6.5	33

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19	Role of the air-water interface in removing perfluoroalkyl acids from drinking water by activated carbon treatment. Journal of Hazardous Materials, 2020, 386, 121981.	6.5	23
20	Efficient removal of CO2 from indoor air using a polyethyleneimine-impregnated resin and its low-temperature regeneration. Chemical Engineering Journal, 2020, 399, 125734.	6.6	29
21	Adsorption behavior and mechanism of Au(III) on caffeic acid functionalized viscose staple fibers. Chemosphere, 2020, 253, 126704.	4.2	21
22	Characteristics of pharmaceutically active compounds in surface water in Beijing, China: Occurrence, spatial distribution and biennial variation from 2013 to 2017. Environmental Pollution, 2020, 264, 114753.	3.7	18
23	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. Water Research, 2020, 183, 116115.	5.3	69
24	Effect of high energy ball milling on organic pollutant adsorption properties of chitosan. International Journal of Biological Macromolecules, 2020, 148, 543-549.	3.6	31
25	Calcined electroplating sludge as a novel bifunctional material for removing Ni(II)-citrate in electroplating wastewater. Journal of Cleaner Production, 2020, 262, 121416.	4.6	34
26	Preparation of aminated cross-linked chitosan beads for efficient adsorption of hexavalent chromium. International Journal of Biological Macromolecules, 2019, 139, 352-360.	3.6	34
27	Ozonation of the algaecide irgarol: Kinetics, transformation products, and toxicity. Chemosphere, 2019, 236, 124374.	4.2	14
28	Modelling of emerging contaminant removal during heterogeneous catalytic ozonation using chemical kinetic approaches. Journal of Hazardous Materials, 2019, 380, 120888.	6.5	38
29	Screening of textile finishing agents available on the Chinese market: An important source of per- and polyfluoroalkyl substances to the environment. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	3.3	21
30	Novel insights into the competitive adsorption behavior and mechanism of per- and polyfluoroalkyl substances on the anion-exchange resin. Journal of Colloid and Interface Science, 2019, 557, 655-663.	5.0	40
31	Combination of ozonation and electrolysis process to enhance elimination of thirty structurally diverse pharmaceuticals in aqueous solution. Journal of Hazardous Materials, 2019, 368, 281-291.	6.5	33
32	Adsorption behavior and mechanism of emerging perfluoro-2-propoxypropanoic acid (GenX) on activated carbons and resins. Chemical Engineering Journal, 2019, 364, 132-138.	6.6	121
33	Regeneration of chitosan-based adsorbents used in heavy metal adsorption: A review. Separation and Purification Technology, 2019, 224, 373-387.	3.9	314
34	Au(III) adsorption and reduction to gold particles on cost-effective tannin acid immobilized dialdehyde corn starch. Chemical Engineering Journal, 2019, 370, 228-236.	6.6	113
35	Decomplexation removal of Ni(II)-citrate complexes through heterogeneous Fenton-like process using novel CuO-CeO2-CoOx composite nanocatalyst. Journal of Hazardous Materials, 2019, 374, 167-176.	6.5	46
36	Powdered activated coke for COD removal in the advanced treatment of mixed chemical wastewaters and regeneration by Fenton oxidation. Chemical Engineering Journal, 2019, 371, 631-638.	6.6	36

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37	Efficient removal of perfluorinated compounds from water using a regenerable magnetic activated carbon. Chemosphere, 2019, 224, 187-194.	4.2	68
38	Efficient degradation of carbamazepine by organo-montmorillonite supported nCoFe2O4-activated peroxymonosulfate process. Chemical Engineering Journal, 2019, 368, 824-836.	6.6	98
39	Recovery of Ni(II) from real electroplating wastewater using fixed-bed resin adsorption and subsequent electrodeposition. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	3.3	32
40	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. Environmental Science & Technology, 2019, 53, 1564-1575.	4.6	235
41	Highly efficient removal of enrofloxacin by magnetic montmorillonite via adsorption and persulfate oxidation. Chemical Engineering Journal, 2019, 360, 1119-1127.	6.6	75
42	Degradation of sulfamethazine by persulfate activated with organo-montmorillonite supported nano-zero valent iron. Chemical Engineering Journal, 2019, 361, 99-108.	6.6	130
43	Understanding the adsorption of sulfonamide antibiotics on MIL-53s: Metal dependence of breathing effect and adsorptive performance in aqueous solution. Journal of Colloid and Interface Science, 2019, 535, 159-168.	5.0	75
44	Regeneration of Chitosan-Based Adsorbents for Eliminating Dyes from Aqueous Solutions. Separation and Purification Reviews, 2019, 48, 1-13.	2.8	60
45	Occurrence, elimination, enantiomeric distribution and intra-day variations of chiral pharmaceuticals in major wastewater treatment plants in Beijing, China. Environmental Pollution, 2018, 239, 473-482.	3.7	32
46	Efficient removal of perfluorooctane sulfonate from aqueous film-forming foam solution by aeration-foam collection. Chemosphere, 2018, 203, 263-270.	4.2	50
47	Regeneration of PFOS loaded activated carbon by hot water and subsequent aeration enrichment of PFOS from eluent. Carbon, 2018, 134, 199-206.	5.4	23
48	Adsorption and catalytic oxidation of pharmaceuticals by nitrogen-doped reduced graphene oxide/Fe3O4 nanocomposite. Chemical Engineering Journal, 2018, 341, 361-370.	6.6	111
49	Typical pharmaceuticals in major WWTPs in Beijing, China: Occurrence, load pattern and calculation reliability. Water Research, 2018, 140, 291-300.	5.3	89
50	Novel crosslinked chitosan for enhanced adsorption of hexavalent chromium in acidic solution. Chemical Engineering Journal, 2018, 347, 782-790.	6.6	165
51	Catalytic decomposition of dioxins and other unintentional POPs in flue gas from a municipal waste incinerator (MWI) in China: a pilot testing. Environmental Science and Pollution Research, 2018, 25, 31799-31804.	2.7	8
52	As(III) and As(V) adsorption on nanocomposite of hydrated zirconium oxide coated carbon nanotubes. Journal of Colloid and Interface Science, 2018, 511, 277-284.	5.0	61
53	Intercalation of rigid molecules between carbon nanotubes for adsorption enhancement of typical pharmaceuticals. Chemical Engineering Journal, 2018, 332, 102-108.	6.6	34
54	Comparison of pharmaceutical abatement in various water matrices by conventional ozonation, peroxone (O3/H2O2), and an electro-peroxone process. Water Research, 2018, 130, 127-138.	5.3	147

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55	Effective mineralization of anti-epilepsy drug carbamazepine in aqueous solution by simultaneously electro-generated H2O2/O3 process. Electrochimica Acta, 2018, 290, 203-210.	2.6	22
56	Hydrophilic and strengthened 3D reduced graphene oxide/nano-Fe₃O₄ hybrid hydrogel for enhanced adsorption and catalytic oxidation of typical pharmaceuticals. Environmental Science: Nano, 2018, 5, 1650-1660.	2.2	51
57	Competitive adsorption of perfluoroalkyl substances on anion exchange resins in simulated AFFF-impacted groundwater. Chemical Engineering Journal, 2018, 348, 494-502.	6.6	150
58	The electro-peroxone process for the abatement of emerging contaminants: Mechanisms, recent advances, and prospects. Chemosphere, 2018, 208, 640-654.	4.2	105
59	Contaminants of emerging concern in landfill leachate in China: AÂreview. Emerging Contaminants, 2018, 4, 1-10.	2.2	108
60	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. Chemical Engineering Journal, 2018, 354, 105-112.	6.6	40
61	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. Chemical Engineering Journal, 2018, 353, 490-498.	6.6	98
62	Effects of microplastics on the uptake, distribution and biotransformation of chiral antidepressant venlafaxine in aquatic ecosystem. Journal of Hazardous Materials, 2018, 359, 104-112.	6.5	50
63	A comparative study of rigid and flexible MOFs for the adsorption of pharmaceuticals: Kinetics, isotherms and mechanisms. Journal of Hazardous Materials, 2018, 359, 248-257.	6.5	111
64	Stable Covalent Organic Frameworks as Efficient Adsorbents for High and Selective Removal of an Aryl-Organophosphorus Flame Retardant from Water. ACS Applied Materials & Interfaces, 2018, 10, 30265-30272.	4.0	138
65	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. Water Research, 2018, 142, 383-395.	5.3	79
66	Adsorptive removal of emerging polyfluoroalky substances F-53B and PFOS by anion-exchange resin: A comparative study. Journal of Hazardous Materials, 2017, 323, 550-557.	6.5	99
67	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. Journal of Hazardous Materials, 2017, 323, 460-470.	6.5	59
68	Characterization of pharmaceutically active compounds in Beijing, China: Occurrence pattern, spatiotemporal distribution and its environmental implication. Journal of Hazardous Materials, 2017, 323, 147-155.	6.5	135
69	Superhigh adsorption of perfluorooctane sulfonate on aminated polyacrylonitrile fibers with the assistance of air bubbles. Chemical Engineering Journal, 2017, 315, 108-114.	6.6	31
70	Effect of hydro-oleophobic perfluorocarbon chain on interfacial behavior and mechanism of perfluorooctane sulfonate in oil-water mixture. Scientific Reports, 2017, 7, 44694.	1.6	13
71	Preparation of porous graphene oxide by chemically intercalating a rigid molecule for enhanced removal of typical pharmaceuticals. Carbon, 2017, 119, 101-109.	5.4	42
72	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. Environmental Science & Technology, 2017, 51, 8027-8035.	4.6	76

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73	The competition between cathodic oxygen and ozone reduction and its role in dictating the reaction mechanisms of an electro-peroxone process. Water Research, 2017, 118, 26-38.	5.3	73
74	First assessment on degradability of sodium p-perfluorous nonenoxybenzene sulfonate (OBS), a high volume alternative to perfluorooctane sulfonate in fire-fighting foams and oil production agents in China. RSC Advances, 2017, 7, 46948-46957.	1.7	53
75	Defect engineered oxides for enhanced mechanochemical destruction of halogenated organic pollutants. Chemosphere, 2017, 184, 879-883.	4.2	47
76	Deriving acute and chronic predicted no effect concentrations of pharmaceuticals and personal care products based on species sensitivity distributions. Ecotoxicology and Environmental Safety, 2017, 144, 537-542.	2.9	19
77	Integrated adsorption and visible-light photodegradation of aqueous clofibric acid and carbamazepine by a Fe-based metal-organic framework. Chemical Engineering Journal, 2017, 330, 157-165.	6.6	123
78	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. Chemosphere, 2017, 168, 272-278.	4.2	39
79	Enhanced adsorption of diclofenac sodium on the carbon nanotubes-polytetrafluorethylene electrode and subsequent degradation by electro-peroxone treatment. Journal of Colloid and Interface Science, 2017, 488, 142-148.	5.0	29
80	Elucidating ozonation mechanisms of organic micropollutants based on DFT calculations: Taking sulfamethoxazole as a case. Environmental Pollution, 2017, 220, 971-980.	3.7	23
81	Occurrence of organophosphorus flame retardants on skin wipes: Insight into human exposure from dermal absorption. Environment International, 2017, 98, 113-119.	4.8	78
82	Preparation of regenerable granular carbon nanotubes by a simple heating-filtration method for efficient removal of typical pharmaceuticals. Chemical Engineering Journal, 2016, 294, 353-361.	6.6	47
83	Fate and removal of typical pharmaceutical and personal care products in a wastewater treatment plant from Beijing: a mass balance study. Frontiers of Environmental Science and Engineering, 2016, 10, 491-501.	3.3	51
84	Adsorption behavior and mechanism of perfluorooctane sulfonate on nanosized inorganic oxides. Journal of Colloid and Interface Science, 2016, 474, 199-205.	5.0	66
85	Characterization and human exposure assessment of organophosphate flame retardants in indoor dust from several microenvironments of Beijing, China. Chemosphere, 2016, 150, 465-471.	4.2	99
86	Characterization of pharmaceutically active compounds in Dongting Lake, China: Occurrence, chiral profiling and environmental risk. Science of the Total Environment, 2016, 557-558, 268-275.	3.9	139
87	Mechanochemical conversion of brominated POPs into useful oxybromides: a greener approach. Scientific Reports, 2016, 6, 28394.	1.6	22
88	Emission of unintentionally produced persistent organic pollutants (UPOPs) from municipal waste incinerators in China. Chemosphere, 2016, 158, 17-23.	4.2	35
89	Highly efficient removal of hexavalent chromium from electroplating wastewater using aminated wheat straw. RSC Advances, 2016, 6, 8797-8805.	1.7	38
90	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. Water Research, 2016, 88, 826-835.	5.3	118

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91	A primary estimate of global PCDD/F release based on the quantity and quality of national economic and social activities. Chemosphere, 2016, 151, 303-309.	4.2	36
92	Bromate removal from water by polypyrrole tailored activated carbon. Journal of Colloid and Interface Science, 2016, 467, 10-16.	5.0	32
93	Perchlorate formation during the electro-peroxone treatment of chloride-containing water: Effects of operational parameters and control strategies. Water Research, 2016, 88, 691-702.	5.3	68
94	Preparation of ultrafine magnetic biochar and activated carbon for pharmaceutical adsorption and subsequent degradation by ball milling. Journal of Hazardous Materials, 2016, 305, 156-163.	6.5	305
95	Estimating the use of antibiotics for humans across China. Chemosphere, 2016, 144, 1384-1390.	4.2	51
96	Environmental applications and implications of nanotechnologies. Frontiers of Environmental Science and Engineering, 2015, 9, 745-745.	3.3	2
97	Mechanisms of enhanced total organic carbon elimination from oxalic acid solutions by electro-peroxone process. Water Research, 2015, 80, 20-29.	5.3	110
98	Effect of co-existing organic compounds on adsorption of perfluorinated compounds onto carbon nanotubes. Frontiers of Environmental Science and Engineering, 2015, 9, 784-792.	3.3	32
99	Linking the environmental loads to the fate of PPCPs in Beijing: Considering both the treated and untreated wastewater sources. Environmental Pollution, 2015, 202, 153-159.	3.7	40
100	CO₂adsorption on crab shell derived activated carbons: contribution of micropores and nitrogen-containing groups. RSC Advances, 2015, 5, 48323-48330.	1.7	81
101	Occurrence and source apportionment of pharmaceuticals and personal care products in the Beiyun River of Beijing, China. Chemosphere, 2015, 119, 1033-1039.	4.2	180
102	Activated carbons prepared from peanut shell and sunflower seed shell for high CO2 adsorption. Adsorption, 2015, 21, 125-133.	1.4	124
103	Removal of perfluorinated carboxylates from washing wastewater of perfluorooctanesulfonyl fluoride using activated carbons and resins. Journal of Hazardous Materials, 2015, 286, 136-143.	6.5	189
104	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. Journal of Hazardous Materials, 2015, 300, 298-306.	6.5	68
105	Ball Milling Synthesized MnO_x as Highly Active Catalyst for Gaseous POPs Removal: Significance of Mechanochemically Induced Oxygen Vacancies. Environmental Science & Technology, 2015, 49, 4473-4480.	4.6	164
106	Rapid mechanochemical synthesis of VOx/TiO2 as highly active catalyst for HCB removal. Chemosphere, 2015, 141, 197-204.	4.2	9
107	Unintentional formed PCDDs, PCDFs, and DL-PCBs as impurities in Chinese pentachloronitrobenzene products. Environmental Science and Pollution Research, 2015, 22, 14462-14470.	2.7	16
108	Enhanced adsorption of perfluorooctane sulfonate and perfluorooctanoate by bamboo-derived granular activated carbon. Journal of Hazardous Materials, 2015, 282, 150-157.	6.5	217

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109	Regenerable magnetic octahedral layer catalyst for gaseous UPOPs removal. Journal of Hazardous Materials, 2014, 280, 627-635.	6.5	1
110	Adsorption of perfluorooctane sulfonate on carbon nanotubes: influence of pH and competitive ions. Water Science and Technology, 2014, 69, 1489-1495.	1.2	35
111	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. Environment International, 2014, 65, 100-106.	4.8	97
112	Effects of zero-valent metals together with quartz sand on the mechanochemical destruction of dechlorane plus coground in a planetary ball mill. Journal of Hazardous Materials, 2014, 264, 230-235.	6.5	34
113	Removal of clofibric acid from aqueous solution by polyethylenimine-modified chitosan beads. Frontiers of Environmental Science and Engineering, 2014, 8, 675-682.	3.3	25
114	Role of Air Bubbles Overlooked in the Adsorption of Perfluorooctanesulfonate on Hydrophobic Carbonaceous Adsorbents. Environmental Science & Technology, 2014, 48, 13785-13792.	4.6	68
115	Mechanochemical destruction of decabromodiphenyl ether into visible light photocatalyst BiOBr. RSC Advances, 2014, 4, 14719-14724.	1.7	37
116	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. Water Research, 2014, 63, 81-93.	5.3	148
117	Unveiling formation mechanism of carcinogenic N-nitrosodimethylamine in ozonation of dimethylamine: A density functional theoretical investigation. Journal of Hazardous Materials, 2014, 279, 330-335.	6.5	23
118	Superior CO2 adsorption on pine nut shell-derived activated carbons and the effective micropores at different temperatures. Chemical Engineering Journal, 2014, 253, 46-54.	6.6	210
119	Mechanochemical degradation of hexabromocyclododecane and approaches for the remediation of its contaminated soil. Chemosphere, 2014, 116, 40-45.	4.2	47
120	Adsorption behavior and mechanism of perfluorinated compounds on various adsorbentsâ€”A review. Journal of Hazardous Materials, 2014, 274, 443-454.	6.5	705
121	Advanced materials: adsorbent and catalyst for environmental application. Frontiers of Environmental Science and Engineering, 2013, 7, 301-301.	3.3	3
122	Adsorption of perfluorinated compounds on aminated rice husk prepared by atom transfer radical polymerization. Chemosphere, 2013, 91, 124-130.	4.2	97
123	Ozonation of trimethoprim in aqueous solution: Identification of reaction products and their toxicity. Water Research, 2013, 47, 2863-2872.	5.3	115
124	Destruction of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) by Ball Milling. Environmental Science & Technology, 2013, 47, 6471-6477.	4.6	183
125	Activated carbons and amine-modified materials for carbon dioxide capture â€” a review. Frontiers of Environmental Science and Engineering, 2013, 7, 326-340.	3.3	134
126	First Report of a Chinese PFOS Alternative Overlooked for 30 Years: Its Toxicity, Persistence, and Presence in the Environment. Environmental Science & Technology, 2013, 47, 10163-10170.	4.6	399

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127	Granular Bambooâ€Derived Activated Carbon for High CO₂ Adsorption: The Dominant Role of Narrow Micropores. ChemSusChem, 2012, 5, 2354-2360.	3.6	331
128	Sorption mechanisms of perfluorinated compounds on carbon nanotubes. Environmental Pollution, 2012, 168, 138-144.	3.7	231
129	Determination of 41 polybrominated diphenyl ethers in soil using a pressurised solvent extraction and GC-NCI-MS method. International Journal of Environmental Analytical Chemistry, 2011, 91, 1135-1150.	1.8	4
130	Removal of perfluorooctanoate from surface water by polyaluminium chloride coagulation. Water Research, 2011, 45, 1774-1780.	5.3	65
131	Emission Inventory for PFOS in China: Review of Past Methodologies and Suggestions. Scientific World Journal, The, 2011, 11, 1963-1980.	0.8	80
132	Removal of perfluorooctane sulfonate from aqueous solution by crosslinked chitosan beads: Sorption kinetics and uptake mechanism. Bioresource Technology, 2011, 102, 2265-2271.	4.8	160
133	Mnâ€“Ce oxide as a high-capacity adsorbent for fluoride removal from water. Journal of Hazardous Materials, 2011, 186, 1360-1366.	6.5	179
134	Preparation, characterization and application of a Ceâ€“Ti oxide adsorbent for enhanced removal of arsenate from water. Journal of Hazardous Materials, 2010, 179, 1014-1021.	6.5	99
135	Removal of fluoride from water using titanium-based adsorbents. Frontiers of Environmental Science and Engineering in China, 2010, 4, 414-420.	0.8	37
136	Preparation of Alâ€“Ce hybrid adsorbent and its application for defluoridation of drinking water. Journal of Hazardous Materials, 2010, 179, 424-430.	6.5	146
137	As(V) and As(III) removal from water by a Ceâ€“Ti oxide adsorbent: Behavior and mechanism. Chemical Engineering Journal, 2010, 161, 106-113.	6.6	258
138	Removal of perfluorooctane sulfonate from wastewater by anion exchange resins: Effects of resin properties and solution chemistry. Water Research, 2010, 44, 5188-5195.	5.3	263
139	Sorption of perfluorooctane sulfonate on organo-montmorillonites. Chemosphere, 2010, 78, 688-694.	4.2	119
140	Selective sorption of perfluorooctane sulfonate on molecularly imprinted polymer adsorbents. Frontiers of Environmental Science and Engineering in China, 2009, 3, 171-177.	0.8	38
141	Rapid determination of pharmaceuticals from multiple therapeutic classes in wastewater by solid-phase extraction and ultra-performance liquid chromatography tandem mass spectrometry. Science Bulletin, 2009, 54, 4633-4643.	4.3	25
142	Enhanced removal of pentachlorophenol and 2,4-D from aqueous solution by an aminated biosorbent. Journal of Hazardous Materials, 2009, 165, 408-414.	6.5	61
143	Characterization of suspended solids in produced water in Daqing oilfield. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 332, 63-69.	2.3	42
144	Bioanalytical characterization of dioxin-like activity in sewage sludge from Beijing, China. Chemosphere, 2009, 75, 649-653.	4.2	12

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145	Sorption of perfluorooctane sulfonate and perfluorooctanoate on activated carbons and resin: Kinetic and isotherm study. Water Research, 2009, 43, 1150-1158.	5.3	619
146	Enhanced Adsorption of Arsenate on the Aminated Fibers: Sorption Behavior and Uptake Mechanism. Langmuir, 2008, 24, 10961-10967.	1.6	84
147	Selective removal of perfluorooctane sulfonate from aqueous solution using chitosan-based molecularly imprinted polymer adsorbents. Water Research, 2008, 42, 3089-3097.	5.3	281
148	Relationship between Oxidation Products and Estrogenic Activity during Ozonation of 4-Nonylphenol. Ozone: Science and Engineering, 2008, 30, 120-126.	1.4	9
149	Removal of Humic Acid Using PEIâ€Modified Fungal Biomass. Separation Science and Technology, 2006, 41, 2989-3002.	1.3	11
150	Characterization and demulsification of produced liquid from weak base ASP flooding. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 290, 164-171.	2.3	50
151	Production of a bioflocculant by Aspergillus parasiticus and its application in dye removal. Colloids and Surfaces B: Biointerfaces, 2005, 44, 179-186.	2.5	169
152	Polyethylenimine-Modified Fungal Biomass as a High-Capacity Biosorbent for Cr(VI) Anions:Â Sorption Capacity and Uptake Mechanisms. Environmental Science & Technology, 2005, 39, 8490-8496.	4.6	318