

Deng Shubo

List of Publications by Year in descending order

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152
papers

13,433
citations

16411

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all docs

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docs citations

154
times ranked

11021
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#	ARTICLE	IF	CITATIONS
1	Adsorption behavior and mechanism of perfluorinated compounds on various adsorbents—A review. <i>Journal of Hazardous Materials</i> , 2014, 274, 443-454.	6.5	705
2	Sorption of perfluorooctane sulfonate and perfluorooctanoate on activated carbons and resin: Kinetic and isotherm study. <i>Water Research</i> , 2009, 43, 1150-1158.	5.3	619
3	First Report of a Chinese PFOS Alternative Overlooked for 30 Years: Its Toxicity, Persistence, and Presence in the Environment. <i>Environmental Science & Technology</i> , 2013, 47, 10163-10170.	4.6	399
4	Granular Bamboo-Derived Activated Carbon for High CO ₂ Adsorption: The Dominant Role of Narrow Micropores. <i>ChemSusChem</i> , 2012, 5, 2354-2360.	3.6	331
5	Polyethylenimine-Modified Fungal Biomass as a High-Capacity Biosorbent for Cr(VI) Anions: Sorption Capacity and Uptake Mechanisms. <i>Environmental Science & Technology</i> , 2005, 39, 8490-8496.	4.6	318
6	Regeneration of chitosan-based adsorbents used in heavy metal adsorption: A review. <i>Separation and Purification Technology</i> , 2019, 224, 373-387.	3.9	314
7	Preparation of ultrafine magnetic biochar and activated carbon for pharmaceutical adsorption and subsequent degradation by ball milling. <i>Journal of Hazardous Materials</i> , 2016, 305, 156-163.	6.5	305
8	Selective removal of perfluorooctane sulfonate from aqueous solution using chitosan-based molecularly imprinted polymer adsorbents. <i>Water Research</i> , 2008, 42, 3089-3097.	5.3	281
9	Removal of perfluorooctane sulfonate from wastewater by anion exchange resins: Effects of resin properties and solution chemistry. <i>Water Research</i> , 2010, 44, 5188-5195.	5.3	263
10	As(V) and As(III) removal from water by a Ce-Ti oxide adsorbent: Behavior and mechanism. <i>Chemical Engineering Journal</i> , 2010, 161, 106-113.	6.6	258
11	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019, 53, 1564-1575.	4.6	235
12	Sorption mechanisms of perfluorinated compounds on carbon nanotubes. <i>Environmental Pollution</i> , 2012, 168, 138-144.	3.7	231
13	Enhanced adsorption of perfluorooctane sulfonate and perfluorooctanoate by bamboo-derived granular activated carbon. <i>Journal of Hazardous Materials</i> , 2015, 282, 150-157.	6.5	217
14	Superior CO ₂ adsorption on pine nut shell-derived activated carbons and the effective micropores at different temperatures. <i>Chemical Engineering Journal</i> , 2014, 253, 46-54.	6.6	210
15	Removal of perfluorinated carboxylates from washing wastewater of perfluorooctanesulfonyl fluoride using activated carbons and resins. <i>Journal of Hazardous Materials</i> , 2015, 286, 136-143.	6.5	189
16	Destruction of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) by Ball Milling. <i>Environmental Science & Technology</i> , 2013, 47, 6471-6477.	4.6	183
17	Occurrence and source apportionment of pharmaceuticals and personal care products in the Beiyun River of Beijing, China. <i>Chemosphere</i> , 2015, 119, 1033-1039.	4.2	180
18	Mn-Ce oxide as a high-capacity adsorbent for fluoride removal from water. <i>Journal of Hazardous Materials</i> , 2011, 186, 1360-1366.	6.5	179

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19	Production of a biofloculant by <i>Aspergillus parasiticus</i> and its application in dye removal. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 44, 179-186.	2.5	169
20	Novel crosslinked chitosan for enhanced adsorption of hexavalent chromium in acidic solution. <i>Chemical Engineering Journal</i> , 2018, 347, 782-790.	6.6	165
21	Ball Milling Synthesized MnO _x as Highly Active Catalyst for Gaseous POPs Removal: Significance of Mechanochemically Induced Oxygen Vacancies. <i>Environmental Science & Technology</i> , 2015, 49, 4473-4480.	4.6	164
22	Removal of perfluorooctane sulfonate from aqueous solution by crosslinked chitosan beads: Sorption kinetics and uptake mechanism. <i>Bioresource Technology</i> , 2011, 102, 2265-2271.	4.8	160
23	Competitive adsorption of perfluoroalkyl substances on anion exchange resins in simulated AFFF-impacted groundwater. <i>Chemical Engineering Journal</i> , 2018, 348, 494-502.	6.6	150
24	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. <i>Water Research</i> , 2014, 63, 81-93.	5.3	148
25	Comparison of pharmaceutical abatement in various water matrices by conventional ozonation, peroxone (O ₃ /H ₂ O ₂), and an electro-peroxone process. <i>Water Research</i> , 2018, 130, 127-138.	5.3	147
26	Preparation of Al-Ce hybrid adsorbent and its application for defluoridation of drinking water. <i>Journal of Hazardous Materials</i> , 2010, 179, 424-430.	6.5	146
27	Characterization of pharmaceutically active compounds in Dongting Lake, China: Occurrence, chiral profiling and environmental risk. <i>Science of the Total Environment</i> , 2016, 557-558, 268-275.	3.9	139
28	Stable Covalent Organic Frameworks as Efficient Adsorbents for High and Selective Removal of an Aryl-Organophosphorus Flame Retardant from Water. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30265-30272.	4.0	138
29	Characterization of pharmaceutically active compounds in Beijing, China: Occurrence pattern, spatiotemporal distribution and its environmental implication. <i>Journal of Hazardous Materials</i> , 2017, 323, 147-155.	6.5	135
30	Activated carbons and amine-modified materials for carbon dioxide capture – a review. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 326-340.	3.3	134
31	Degradation of sulfamethazine by persulfate activated with organo-montmorillonite supported nano-zero valent iron. <i>Chemical Engineering Journal</i> , 2019, 361, 99-108.	6.6	130
32	Can the commonly used quenching method really evaluate the role of reactive oxygen species in pollutant abatement during catalytic ozonation?. <i>Water Research</i> , 2022, 215, 118275.	5.3	126
33	Activated carbons prepared from peanut shell and sunflower seed shell for high CO ₂ adsorption. <i>Adsorption</i> , 2015, 21, 125-133.	1.4	124
34	Integrated adsorption and visible-light photodegradation of aqueous clofibric acid and carbamazepine by a Fe-based metal-organic framework. <i>Chemical Engineering Journal</i> , 2017, 330, 157-165.	6.6	123
35	Adsorption behavior and mechanism of emerging perfluoro-2-propoxypropanoic acid (GenX) on activated carbons and resins. <i>Chemical Engineering Journal</i> , 2019, 364, 132-138.	6.6	121
36	Sorption of perfluorooctane sulfonate on organo-montmorillonites. <i>Chemosphere</i> , 2010, 78, 688-694.	4.2	119

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37	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. <i>Water Research</i> , 2016, 88, 826-835.	5.3	118
38	Ozonation of trimethoprim in aqueous solution: Identification of reaction products and their toxicity. <i>Water Research</i> , 2013, 47, 2863-2872.	5.3	115
39	Au(III) adsorption and reduction to gold particles on cost-effective tannin acid immobilized dialdehyde corn starch. <i>Chemical Engineering Journal</i> , 2019, 370, 228-236.	6.6	113
40	Adsorption and catalytic oxidation of pharmaceuticals by nitrogen-doped reduced graphene oxide/Fe ₃ O ₄ nanocomposite. <i>Chemical Engineering Journal</i> , 2018, 341, 361-370.	6.6	111
41	A comparative study of rigid and flexible MOFs for the adsorption of pharmaceuticals: Kinetics, isotherms and mechanisms. <i>Journal of Hazardous Materials</i> , 2018, 359, 248-257.	6.5	111
42	Mechanisms of enhanced total organic carbon elimination from oxalic acid solutions by electro-peroxone process. <i>Water Research</i> , 2015, 80, 20-29.	5.3	110
43	Contaminants of emerging concern in landfill leachate in China: A review. <i>Emerging Contaminants</i> , 2018, 4, 1-10.	2.2	108
44	The electro-peroxone process for the abatement of emerging contaminants: Mechanisms, recent advances, and prospects. <i>Chemosphere</i> , 2018, 208, 640-654.	4.2	105
45	Preparation, characterization and application of a Ce ^{IV} /Ti oxide adsorbent for enhanced removal of arsenate from water. <i>Journal of Hazardous Materials</i> , 2010, 179, 1014-1021.	6.5	99
46	Characterization and human exposure assessment of organophosphate flame retardants in indoor dust from several microenvironments of Beijing, China. <i>Chemosphere</i> , 2016, 150, 465-471.	4.2	99
47	Adsorptive removal of emerging polyfluoroalkyl substances F-53B and PFOS by anion-exchange resin: A comparative study. <i>Journal of Hazardous Materials</i> , 2017, 323, 550-557.	6.5	99
48	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018, 353, 490-498.	6.6	98
49	Efficient degradation of carbamazepine by organo-montmorillonite supported nCoFe ₂ O ₄ -activated peroxydisulfate process. <i>Chemical Engineering Journal</i> , 2019, 368, 824-836.	6.6	98
50	Adsorption of perfluorinated compounds on aminated rice husk prepared by atom transfer radical polymerization. <i>Chemosphere</i> , 2013, 91, 124-130.	4.2	97
51	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. <i>Environment International</i> , 2014, 65, 100-106.	4.8	97
52	Typical pharmaceuticals in major WWTPs in Beijing, China: Occurrence, load pattern and calculation reliability. <i>Water Research</i> , 2018, 140, 291-300.	5.3	89
53	Enhanced Adsorption of Arsenate on the Aminated Fibers: Sorption Behavior and Uptake Mechanism. <i>Langmuir</i> , 2008, 24, 10961-10967.	1.6	84
54	CO ₂ adsorption on crab shell derived activated carbons: contribution of micropores and nitrogen-containing groups. <i>RSC Advances</i> , 2015, 5, 48323-48330.	1.7	81

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55	Emission Inventory for PFOS in China: Review of Past Methodologies and Suggestions. <i>Scientific World Journal</i> , The, 2011, 11, 1963-1980.	0.8	80
56	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018, 142, 383-395.	5.3	79
57	Occurrence of organophosphorus flame retardants on skin wipes: Insight into human exposure from dermal absorption. <i>Environment International</i> , 2017, 98, 113-119.	4.8	78
58	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. <i>Environmental Science & Technology</i> , 2017, 51, 8027-8035.	4.6	76
59	Highly efficient removal of enrofloxacin by magnetic montmorillonite via adsorption and persulfate oxidation. <i>Chemical Engineering Journal</i> , 2019, 360, 1119-1127.	6.6	75
60	Understanding the adsorption of sulfonamide antibiotics on MIL-53s: Metal dependence of breathing effect and adsorptive performance in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 159-168.	5.0	75
61	The competition between cathodic oxygen and ozone reduction and its role in dictating the reaction mechanisms of an electro-peroxone process. <i>Water Research</i> , 2017, 118, 26-38.	5.3	73
62	Nanoscale zero valent iron-activated persulfate coupled with Fenton oxidation process for typical pharmaceuticals and personal care products degradation. <i>Separation and Purification Technology</i> , 2020, 239, 116534.	3.9	73
63	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020, 183, 116115.	5.3	69
64	Role of Air Bubbles Overlooked in the Adsorption of Perfluorooctanesulfonate on Hydrophobic Carbonaceous Adsorbents. <i>Environmental Science & Technology</i> , 2014, 48, 13785-13792.	4.6	68
65	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. <i>Journal of Hazardous Materials</i> , 2015, 300, 298-306.	6.5	68
66	Perchlorate formation during the electro-peroxone treatment of chloride-containing water: Effects of operational parameters and control strategies. <i>Water Research</i> , 2016, 88, 691-702.	5.3	68
67	Efficient removal of perfluorinated compounds from water using a regenerable magnetic activated carbon. <i>Chemosphere</i> , 2019, 224, 187-194.	4.2	68
68	Adsorption behavior and mechanism of perfluorooctane sulfonate on nanosized inorganic oxides. <i>Journal of Colloid and Interface Science</i> , 2016, 474, 199-205.	5.0	66
69	Removal of perfluorooctanoate from surface water by polyaluminium chloride coagulation. <i>Water Research</i> , 2011, 45, 1774-1780.	5.3	65
70	Enhanced removal of pentachlorophenol and 2,4-D from aqueous solution by an aminated biosorbent. <i>Journal of Hazardous Materials</i> , 2009, 165, 408-414.	6.5	61
71	As(III) and As(V) adsorption on nanocomposite of hydrated zirconium oxide coated carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 277-284.	5.0	61
72	Regeneration of Chitosan-Based Adsorbents for Eliminating Dyes from Aqueous Solutions. <i>Separation and Purification Reviews</i> , 2019, 48, 1-13.	2.8	60

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73	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , 2017, 323, 460-470.	6.5	59
74	Adsorptive recovery of Au(III) from aqueous solution using crosslinked polyethyleneimine resins. <i>Chemosphere</i> , 2020, 241, 125122.	4.2	57
75	Cationic covalent organic framework for efficient removal of PFOA substitutes from aqueous solution. <i>Chemical Engineering Journal</i> , 2021, 412, 127509.	6.6	54
76	First assessment on degradability of sodium p-perfluorooctane sulfonate (OBS), a high volume alternative to perfluorooctane sulfonate in fire-fighting foams and oil production agents in China. <i>RSC Advances</i> , 2017, 7, 46948-46957.	1.7	53
77	Fate and removal of typical pharmaceutical and personal care products in a wastewater treatment plant from Beijing: a mass balance study. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 491-501.	3.3	51
78	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , 2016, 144, 1384-1390.	4.2	51
79	Hydrophilic and strengthened 3D reduced graphene oxide/nano-Fe ₃ O ₄ hybrid hydrogel for enhanced adsorption and catalytic oxidation of typical pharmaceuticals. <i>Environmental Science: Nano</i> , 2018, 5, 1650-1660.	2.2	51
80	Characterization and demulsification of produced liquid from weak base ASP flooding. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 290, 164-171.	2.3	50
81	Efficient removal of perfluorooctane sulfonate from aqueous film-forming foam solution by aeration-foam collection. <i>Chemosphere</i> , 2018, 203, 263-270.	4.2	50
82	Effects of microplastics on the uptake, distribution and biotransformation of chiral antidepressant venlafaxine in aquatic ecosystem. <i>Journal of Hazardous Materials</i> , 2018, 359, 104-112.	6.5	50
83	Removal of low concentrations of nickel ions in electroplating wastewater by combination of electro dialysis and electrodeposition. <i>Chemosphere</i> , 2021, 263, 128208.	4.2	49
84	Mechanochemical degradation of hexabromocyclododecane and approaches for the remediation of its contaminated soil. <i>Chemosphere</i> , 2014, 116, 40-45.	4.2	47
85	Preparation of regenerable granular carbon nanotubes by a simple heating-filtration method for efficient removal of typical pharmaceuticals. <i>Chemical Engineering Journal</i> , 2016, 294, 353-361.	6.6	47
86	Defect engineered oxides for enhanced mechanochemical destruction of halogenated organic pollutants. <i>Chemosphere</i> , 2017, 184, 879-883.	4.2	47
87	Decomplexation removal of Ni(II)-citrate complexes through heterogeneous Fenton-like process using novel CuO-CeO ₂ -CoO _x composite nanocatalyst. <i>Journal of Hazardous Materials</i> , 2019, 374, 167-176.	6.5	46
88	Characterization of suspended solids in produced water in Daqing oilfield. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 332, 63-69.	2.3	42
89	Preparation of porous graphene oxide by chemically intercalating a rigid molecule for enhanced removal of typical pharmaceuticals. <i>Carbon</i> , 2017, 119, 101-109.	5.4	42
90	Linking the environmental loads to the fate of PPCPs in Beijing: Considering both the treated and untreated wastewater sources. <i>Environmental Pollution</i> , 2015, 202, 153-159.	3.7	40

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91	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. <i>Chemical Engineering Journal</i> , 2018, 354, 105-112.	6.6	40
92	Novel insights into the competitive adsorption behavior and mechanism of per- and polyfluoroalkyl substances on the anion-exchange resin. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 655-663.	5.0	40
93	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. <i>Chemosphere</i> , 2017, 168, 272-278.	4.2	39
94	Selective sorption of perfluorooctane sulfonate on molecularly imprinted polymer adsorbents. <i>Frontiers of Environmental Science and Engineering in China</i> , 2009, 3, 171-177.	0.8	38
95	Highly efficient removal of hexavalent chromium from electroplating wastewater using aminated wheat straw. <i>RSC Advances</i> , 2016, 6, 8797-8805.	1.7	38
96	Modelling of emerging contaminant removal during heterogeneous catalytic ozonation using chemical kinetic approaches. <i>Journal of Hazardous Materials</i> , 2019, 380, 120888.	6.5	38
97	Removal of fluoride from water using titanium-based adsorbents. <i>Frontiers of Environmental Science and Engineering in China</i> , 2010, 4, 414-420.	0.8	37
98	Mechanochemical destruction of decabromodiphenyl ether into visible light photocatalyst BiOBr. <i>RSC Advances</i> , 2014, 4, 14719-14724.	1.7	37
99	Efficient degradation of typical pharmaceuticals in water using a novel TiO ₂ /ONLH nano-photocatalyst under natural sunlight. <i>Journal of Hazardous Materials</i> , 2021, 403, 123582.	6.5	37
100	A primary estimate of global PCDD/F release based on the quantity and quality of national economic and social activities. <i>Chemosphere</i> , 2016, 151, 303-309.	4.2	36
101	Powdered activated coke for COD removal in the advanced treatment of mixed chemical wastewaters and regeneration by Fenton oxidation. <i>Chemical Engineering Journal</i> , 2019, 371, 631-638.	6.6	36
102	Adsorption of perfluorooctane sulfonate on carbon nanotubes: influence of pH and competitive ions. <i>Water Science and Technology</i> , 2014, 69, 1489-1495.	1.2	35
103	Emission of unintentionally produced persistent organic pollutants (UPOPs) from municipal waste incinerators in China. <i>Chemosphere</i> , 2016, 158, 17-23.	4.2	35
104	Mechanochemically synthesized S-ZVI _{bm} composites for the activation of persulfate in the pH-independent degradation of atrazine: Effects of sulfur dose and ball-milling conditions. <i>Chemical Engineering Journal</i> , 2021, 423, 129789.	6.6	35
105	Effects of zero-valent metals together with quartz sand on the mechanochemical destruction of dechlorane plus coground in a planetary ball mill. <i>Journal of Hazardous Materials</i> , 2014, 264, 230-235.	6.5	34
106	Intercalation of rigid molecules between carbon nanotubes for adsorption enhancement of typical pharmaceuticals. <i>Chemical Engineering Journal</i> , 2018, 332, 102-108.	6.6	34
107	Preparation of aminated cross-linked chitosan beads for efficient adsorption of hexavalent chromium. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 352-360.	3.6	34
108	Calcined electroplating sludge as a novel bifunctional material for removing Ni(II)-citrate in electroplating wastewater. <i>Journal of Cleaner Production</i> , 2020, 262, 121416.	4.6	34

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109	Combination of ozonation and electrolysis process to enhance elimination of thirty structurally diverse pharmaceuticals in aqueous solution. <i>Journal of Hazardous Materials</i> , 2019, 368, 281-291.	6.5	33
110	Granular reduced graphene oxide/Fe ₃ O ₄ hydrogel for efficient adsorption and catalytic oxidation of p-perfluorinated nonenoxybenzene sulfonate. <i>Journal of Hazardous Materials</i> , 2020, 386, 121662.	6.5	33
111	Effect of co-existing organic compounds on adsorption of perfluorinated compounds onto carbon nanotubes. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 784-792.	3.3	32
112	Bromate removal from water by polypyrrole tailored activated carbon. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 10-16.	5.0	32
113	Occurrence, elimination, enantiomeric distribution and intra-day variations of chiral pharmaceuticals in major wastewater treatment plants in Beijing, China. <i>Environmental Pollution</i> , 2018, 239, 473-482.	3.7	32
114	Recovery of Ni(II) from real electroplating wastewater using fixed-bed resin adsorption and subsequent electrodeposition. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	32
115	Superhigh adsorption of perfluorooctane sulfonate on aminated polyacrylonitrile fibers with the assistance of air bubbles. <i>Chemical Engineering Journal</i> , 2017, 315, 108-114.	6.6	31
116	Effect of high energy ball milling on organic pollutant adsorption properties of chitosan. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 543-549.	3.6	31
117	Enhanced adsorption of diclofenac sodium on the carbon nanotubes-polytetrafluorethylene electrode and subsequent degradation by electro-peroxone treatment. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 142-148.	5.0	29
118	Efficient removal of CO ₂ from indoor air using a polyethyleneimine-impregnated resin and its low-temperature regeneration. <i>Chemical Engineering Journal</i> , 2020, 399, 125734.	6.6	29
119	Rapid determination of pharmaceuticals from multiple therapeutic classes in wastewater by solid-phase extraction and ultra-performance liquid chromatography tandem mass spectrometry. <i>Science Bulletin</i> , 2009, 54, 4633-4643.	4.3	25
120	Removal of clofibric acid from aqueous solution by polyethylenimine-modified chitosan beads. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 675-682.	3.3	25
121	Unveiling formation mechanism of carcinogenic N-nitrosodimethylamine in ozonation of dimethylamine: A density functional theoretical investigation. <i>Journal of Hazardous Materials</i> , 2014, 279, 330-335.	6.5	23
122	Elucidating ozonation mechanisms of organic micropollutants based on DFT calculations: Taking sulfamethoxazole as a case. <i>Environmental Pollution</i> , 2017, 220, 971-980.	3.7	23
123	Regeneration of PFOS loaded activated carbon by hot water and subsequent aeration enrichment of PFOS from eluent. <i>Carbon</i> , 2018, 134, 199-206.	5.4	23
124	Role of the air-water interface in removing perfluoroalkyl acids from drinking water by activated carbon treatment. <i>Journal of Hazardous Materials</i> , 2020, 386, 121981.	6.5	23
125	Mechanochemical conversion of brominated POPs into useful oxybromides: a greener approach. <i>Scientific Reports</i> , 2016, 6, 28394.	1.6	22
126	Effective mineralization of anti-epilepsy drug carbamazepine in aqueous solution by simultaneously electro-generated H ₂ O ₂ /O ₃ process. <i>Electrochimica Acta</i> , 2018, 290, 203-210.	2.6	22

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127	Rapid Removal of Perfluoroalkanesulfonates from Water by β -Cyclodextrin Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48700-48708.	4.0	22
128	Degradation of OBS (Sodium <i>p</i> -Perfluorooctanesulfonate) as a Novel Per- and Polyfluoroalkyl Substance by UV/Persulfate and UV/Sulfite: Fluorinated Intermediates and Treatability in Fluoroprotein Foam. <i>Environmental Science & Technology</i> , 2022, 56, 6201-6211.	4.6	22
129	Screening of textile finishing agents available on the Chinese market: An important source of per- and polyfluoroalkyl substances to the environment. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	21
130	Adsorption behavior and mechanism of Au(III) on caffeic acid functionalized viscose staple fibers. <i>Chemosphere</i> , 2020, 253, 126704.	4.2	21
131	Removal of low concentrations of nickel ions in electroplating wastewater using capacitive deionization technology. <i>Chemosphere</i> , 2021, 284, 131341.	4.2	21
132	Deriving acute and chronic predicted no effect concentrations of pharmaceuticals and personal care products based on species sensitivity distributions. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 537-542.	2.9	19
133	Characteristics of pharmaceutically active compounds in surface water in Beijing, China: Occurrence, spatial distribution and biennial variation from 2013 to 2017. <i>Environmental Pollution</i> , 2020, 264, 114753.	3.7	18
134	Removal of low-concentration nickel in electroplating wastewater via incomplete decomplexation by ozonation and subsequent resin adsorption. <i>Chemical Engineering Journal</i> , 2022, 435, 134923.	6.6	18
135	Mechanochemical synthesis of catalysts and reagents for water decontamination: Recent advances and perspective. <i>Science of the Total Environment</i> , 2022, 825, 153992.	3.9	17
136	Unintentional formed PCDDs, PCDFs, and DL-PCBs as impurities in Chinese pentachloronitrobenzene products. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14462-14470.	2.7	16
137	Preparation of magnetic powdered carbon/nano-Fe ₃ O ₄ composite for efficient adsorption and degradation of trichloropropyl phosphate from water. <i>Journal of Hazardous Materials</i> , 2021, 416, 125765.	6.5	15
138	Ozonation of the algaecide irgarol: Kinetics, transformation products, and toxicity. <i>Chemosphere</i> , 2019, 236, 124374.	4.2	14
139	Effect of hydro-oleophobic perfluorocarbon chain on interfacial behavior and mechanism of perfluorooctane sulfonate in oil-water mixture. <i>Scientific Reports</i> , 2017, 7, 44694.	1.6	13
140	Effective Breaking of the Fluorocarbon Chain by the Interface Bi ₂ O ₂ X ₂ ·PFOA Complex Strategy via Coordinated Se on Construction of the Internal Photogenerated Carrier Pathway. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 654-667.	4.0	13
141	Bioanalytical characterization of dioxin-like activity in sewage sludge from Beijing, China. <i>Chemosphere</i> , 2009, 75, 649-653.	4.2	12
142	Preparation of magnetic covalent triazine frameworks by ball milling for efficient removal of PFOS and PFOA substitutes from water. <i>Environmental Science: Nano</i> , 2022, 9, 1466-1475.	2.2	12
143	Removal of Humic Acid Using PEI-Modified Fungal Biomass. <i>Separation Science and Technology</i> , 2006, 41, 2989-3002.	1.3	11
144	Contribution of Nanobubbles for PFAS Adsorption on Graphene and OH- and NH ₂ -Functionalized Graphene: Comparing Simulations with Experimental Results. <i>Environmental Science & Technology</i> , 2021, 55, 13254-13263.	4.6	11

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