

Jun Huang

List of Publications by Year in descending order

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308
papers

22,295
citations

6233

80
h-index

12558

132
g-index

312
all docs

312
docs citations

312
times ranked

17266
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceuticals and personal care products in the aquatic environment in China: A review. <i>Journal of Hazardous Materials</i> , 2013, 262, 189-211.	6.5	780
2	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
3	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
4	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
5	Occurrence of PAHs, PCBs and organochlorine pesticides in the Tonghui River of Beijing, China. <i>Environmental Pollution</i> , 2004, 130, 249-261.	3.7	387
6	Occurrence and removal of pharmaceuticals, caffeine and DEET in wastewater treatment plants of Beijing, China. <i>Water Research</i> , 2010, 44, 417-426.	5.3	384
7	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
8	Seasonal Variation in the Occurrence and Removal of Pharmaceuticals and Personal Care Products in Different Biological Wastewater Treatment Processes. <i>Environmental Science & Technology</i> , 2011, 45, 3341-3348.	4.6	323
9	Fate and assessment of persistent organic pollutants in water and sediment from Minjiang River Estuary, Southeast China. <i>Chemosphere</i> , 2003, 52, 1423-1430.	4.2	311
10	Efficient Electrochemical Oxidation of Perfluorooctanoate Using a Ti/SnO ₂ -Sb-Bi Anode. <i>Environmental Science & Technology</i> , 2011, 45, 2973-2979.	4.6	305
11	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
12	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
13	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
14	BiOX (X = Cl, Br, I) photocatalysts prepared using NaBiO ₃ as the Bi source: Characterization and catalytic performance. <i>Catalysis Communications</i> , 2010, 11, 460-464.	1.6	251
15	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019, 53, 1564-1575.	4.6	235
16	Sorption mechanisms of perfluorinated compounds on carbon nanotubes. <i>Environmental Pollution</i> , 2012, 168, 138-144.	3.7	231
17	Pesticide levels and environmental risk in aquatic environments in China—A review. <i>Environment International</i> , 2015, 81, 87-97.	4.8	219
18	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

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19	Distribution Patterns of Brominated, Chlorinated, and Phosphorus Flame Retardants with Particle Size in Indoor and Outdoor Dust and Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2014, 48, 8839-8846.	4.6	214
20	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
21	Brominated flame retardants (BFRs): A review on environmental contamination in China. <i>Chemosphere</i> , 2016, 150, 479-490.	4.2	200
22	Polyethylenimine-Impregnated Resin for High CO ₂ Adsorption: An Efficient Adsorbent for CO ₂ Capture from Simulated Flue Gas and Ambient Air. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6937-6945.	4.0	196
23	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
24	Regenerable granular carbon nanotubes/alumina hybrid adsorbents for diclofenac sodium and carbamazepine removal from aqueous solution. <i>Water Research</i> , 2013, 47, 4139-4147.	5.3	186
25	Destruction of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) by Ball Milling. <i>Environmental Science & Technology</i> , 2013, 47, 6471-6477.	4.6	183
26	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
27	Mn ^{II} /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
28	Degradation of perfluorinated compounds on a boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012, 77, 17-22.	2.6	172
29	Enhancing the production of renewable petrochemicals by co-feeding of biomass with plastics in catalytic fast pyrolysis with ZSM-5 zeolites. <i>Applied Catalysis A: General</i> , 2014, 481, 173-182.	2.2	169
30	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
31	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
32	Enhancement of photocatalytic activity over NaBiO ₃ /BiOCl composite prepared by an in situ formation strategy. <i>Catalysis Today</i> , 2010, 153, 193-199.	2.2	158
33	Mechanochemical destruction of halogenated organic pollutants: A critical review. <i>Journal of Hazardous Materials</i> , 2016, 313, 85-102.	6.5	156
34	Photochemical degradation of six polybrominated diphenyl ether congeners under ultraviolet irradiation in hexane. <i>Chemosphere</i> , 2008, 71, 258-267.	4.2	151
35	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
36	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. <i>Water Research</i> , 2014, 63, 81-93.	5.3	148

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37	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
38	Preparation of Al ³⁺ /Ce hybrid adsorbent and its application for defluoridation of drinking water. <i>Journal of Hazardous Materials</i> , 2010, 179, 424-430.	6.5	146
39	Catalytic removal of gaseous unintentional POPs on manganese oxide octahedral molecular sieves. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 568-578.	10.8	140
40	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
41	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
42	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
43	Highly Active and Stable Ni ²⁺ /Fe Bimetal Prepared by Ball Milling for Catalytic Hydrodechlorination of 4-Chlorophenol. <i>Environmental Science & Technology</i> , 2012, 46, 4576-4582.	4.6	134
44	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
45	Correlation between volatile profiles and microbial communities: A metabonomic approach to study Jiang-flavor liquor Daqu. <i>Food Research International</i> , 2019, 121, 422-432.	2.9	134
46	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
47	Sorption of perfluorooctane sulfonate and perfluorooctanoate on activated sludge. <i>Chemosphere</i> , 2010, 81, 453-458.	4.2	127
48	Efficient removal of Cu(II), Pb(II), Cr(VI) and As(V) from aqueous solution using an aminated resin prepared by surface-initiated atom transfer radical polymerization. <i>Chemical Engineering Journal</i> , 2010, 165, 751-757.	6.6	127
49	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
50	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
51	Integrated adsorption and visible-light photodegradation of aqueous clofibrac acid and carbamazepine by a Fe-based metal-organic framework. <i>Chemical Engineering Journal</i> , 2017, 330, 157-165.	6.6	123
52	Sorption of perfluorooctane sulfonate on organo-montmorillonites. <i>Chemosphere</i> , 2010, 78, 688-694.	4.2	119
53	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. <i>Water Research</i> , 2016, 88, 826-835.	5.3	118
54	A dual function magnetic nanomaterial modified with lysine for removal of organic dyes from water solution. <i>Chemical Engineering Journal</i> , 2014, 239, 250-256.	6.6	116

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55	Ozonation of trimethoprim in aqueous solution: Identification of reaction products and their toxicity. <i>Water Research</i> , 2013, 47, 2863-2872.	5.3	115
56	Emissions, Transport, and Fate of Emerging Per- and Polyfluoroalkyl Substances from One of the Major Fluoropolymer Manufacturing Facilities in China. <i>Environmental Science & Technology</i> , 2018, 52, 9694-9703.	4.6	115
57	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
58	Electrocatalytic Hydrodechlorination of 2,4,5-Trichlorobiphenyl on a Palladium-Modified Nickel Foam Cathode. <i>Environmental Science & Technology</i> , 2007, 41, 7503-7508.	4.6	109
59	Contaminants of emerging concern in landfill leachate in China: A review. <i>Emerging Contaminants</i> , 2018, 4, 1-10.	2.2	108
60	Particle size: A missing factor in risk assessment of human exposure to toxic chemicals in settled indoor dust. <i>Environment International</i> , 2012, 49, 24-30.	4.8	107
61	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
62	Rapid removal of bisphenol A on highly ordered mesoporous carbon. <i>Journal of Environmental Sciences</i> , 2011, 23, 177-182.	3.2	104
63	Photocatalytic degradation of PCP-Na over BiOI nanosheets under simulated sunlight irradiation. <i>Catalysis Communications</i> , 2009, 10, 1957-1961.	1.6	101
64	Preparation, characterization and application of a Ce-Ti oxide adsorbent for enhanced removal of arsenate from water. <i>Journal of Hazardous Materials</i> , 2010, 179, 1014-1021.	6.5	99
65	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
66	Tiered aquatic ecological risk assessment of organochlorine pesticides and their mixture in Jiangsu reach of Huaihe River, China. <i>Environmental Monitoring and Assessment</i> , 2009, 157, 29-42.	1.3	98
67	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018, 353, 490-498.	6.6	98
68	Efficient degradation of carbamazepine by organo-montmorillonite supported nCoFe ₂ O ₄ -activated peroxymonosulfate process. <i>Chemical Engineering Journal</i> , 2019, 368, 824-836.	6.6	98
69	Adsorption of perfluorinated compounds on aminated rice husk prepared by atom transfer radical polymerization. <i>Chemosphere</i> , 2013, 91, 124-130.	4.2	97
70	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
71	Identification of priority pharmaceuticals in the water environment of China. <i>Chemosphere</i> , 2012, 89, 280-286.	4.2	94
72	Maximizing carbon efficiency of petrochemical production from catalytic co-pyrolysis of biomass and plastics using gallium-containing MFI zeolites. <i>Applied Catalysis B: Environmental</i> , 2015, 172-173, 154-164.	10.8	93

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73	Highly efficient sorption of perfluorooctane sulfonate and perfluorooctanoate on a quaternized cotton prepared by atom transfer radical polymerization. <i>Chemical Engineering Journal</i> , 2012, 193-194, 154-160.	6.6	91
74	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018, 126, 84502.	2.8	91
75	Pay special attention to the transformation products of PPCPs in environment. <i>Emerging Contaminants</i> , 2017, 3, 69-75.	2.2	90
76	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
77	Vertical distribution of microbial communities in soils contaminated by chromium and perfluoroalkyl substances. <i>Science of the Total Environment</i> , 2017, 599-600, 156-164.	3.9	87
78	Stability of 6:2 fluorotelomer sulfonate in advanced oxidation processes: degradation kinetics and pathway. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4634-4642.	2.7	86
79	Photocatalytic decomposition of 4-t-octylphenol over NaBiO ₃ driven by visible light: Catalytic kinetics and corrosion products characterization. <i>Journal of Hazardous Materials</i> , 2010, 173, 765-772.	6.5	85
80	Enhanced Adsorption of Arsenate on the Aminated Fibers: Sorption Behavior and Uptake Mechanism. <i>Langmuir</i> , 2008, 24, 10961-10967.	1.6	84
81	Wastewater-based epidemiology in Beijing, China: Prevalence of antibiotic use in flu season and association of pharmaceuticals and personal care products with socioeconomic characteristics. <i>Environment International</i> , 2019, 125, 152-160.	4.8	84
82	Perfluoroalkyl substances (PFASs) influence the structure and function of soil bacterial community: Greenhouse experiment. <i>Science of the Total Environment</i> , 2018, 642, 1118-1126.	3.9	83
83	Sulfide-mediated azo dye degradation and microbial community analysis in a single-chamber air cathode microbial fuel cell. <i>Bioelectrochemistry</i> , 2020, 131, 107349.	2.4	83
84	Mechanochemical degradation of tetrabromobisphenol A: Performance, products and pathway. <i>Journal of Hazardous Materials</i> , 2012, 243, 278-285.	6.5	82
85	A magnetic nanomaterial modified with poly-lysine for efficient removal of anionic dyes from water. <i>Chemical Engineering Journal</i> , 2015, 262, 313-318.	6.6	82
86	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , 2018, 332, 286-292.	6.6	82
87	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
88	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
89	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018, 142, 383-395.	5.3	79
90	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

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91	Assessing the persistence of pharmaceuticals in the aquatic environment: Challenges and needs. <i>Emerging Contaminants</i> , 2016, 2, 145-147.	2.2	77
92	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. <i>Environmental Science & Technology</i> , 2017, 51, 8027-8035.	4.6	76
93	Catalytic removal of gaseous HCBz on Cu doped OMS: Effect of Cu location on catalytic performance. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 167-178.	10.8	74
94	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
95	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
96	Contributors to estrogenic activity in wastewater from a large wastewater treatment plant in Beijing, China. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 20-26.	2.0	69
97	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020, 183, 116115.	5.3	69
98	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
99	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. <i>Journal of Hazardous Materials</i> , 2015, 300, 298-306.	6.5	68
100	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
101	Per- and polyfluoroalkyl substances (PFASs) in Chinese drinking water: risk assessment and geographical distribution. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	68
102	Dechlorane Plus pollution and inventory in soil of Huai'an City, China. <i>Chemosphere</i> , 2010, 80, 1285-1290.	4.2	67
103	Acceleration and mechanistic studies of the mechanochemical dechlorination of HCB with iron powder and quartz sand. <i>Chemical Engineering Journal</i> , 2014, 239, 185-191.	6.6	67
104	Photocatalytic degradation of phenol in water on as-prepared and surface modified TiO ₂ nanoparticles. <i>Catalysis Today</i> , 2015, 258, 96-102.	2.2	67
105	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
106	Removal of PFOS as PFOS alternative in chrome plating wastewater by UV/Sulfite reduction. <i>Water Research</i> , 2019, 163, 114907.	5.3	66
107	Removal of perfluorooctanoate from surface water by polyaluminium chloride coagulation. <i>Water Research</i> , 2011, 45, 1774-1780.	5.3	65
108	Major Pharmaceuticals and Personal Care Products (PPCPs) in Wastewater Treatment Plant and Receiving Water in Beijing, China, and Associated Ecological Risks. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 655-661.	1.3	65

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109	A comprehensive kinetic model for mechanochemical destruction of persistent organic pollutants. <i>Chemical Engineering Journal</i> , 2016, 291, 30-38.	6.6	65
110	Sulfadiazine degradation in soils: Dynamics, functional gene, antibiotic resistance genes and microbial community. <i>Science of the Total Environment</i> , 2019, 691, 1072-1081.	3.9	64
111	Selective and High Sorption of Perfluorooctanesulfonate and Perfluorooctanoate by Fluorinated Alkyl Chain Modified Montmorillonite. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16782-16790.	1.5	63
112	Occurrence, spatiotemporal distribution, and risk assessment of current-use pesticides in surface water: A case study near Taihu Lake, China. <i>Science of the Total Environment</i> , 2021, 782, 146826.	3.9	62
113	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
114	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
115	Efficient adsorption of PFOS and F53B from chrome plating wastewater and their subsequent degradation in the regeneration process. <i>Chemical Engineering Journal</i> , 2016, 290, 405-413.	6.6	60
116	A mini-review on mechanochemical treatment of contaminated soil: From laboratory to large-scale. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 723-771.	6.6	60
117	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , 2017, 323, 460-470.	6.5	59
118	Degradation of PFOA Substitute: GenX (HFPO-DA Ammonium Salt): Oxidation with UV/Persulfate or Reduction with UV/Sulfite?. <i>Environmental Science & Technology</i> , 2018, 52, 11728-11734.	4.6	59
119	Activation of sodium percarbonate by vanadium for the degradation of aniline in water: Mechanism and identification of reactive species. <i>Chemosphere</i> , 2019, 215, 647-656.	4.2	59
120	Simultaneous regeneration of p-nitrophenol-saturated activated carbon fiber and mineralization of desorbed pollutants by electro-peroxone process. <i>Carbon</i> , 2016, 101, 399-408.	5.4	55
121	Mechanochemical destruction of perfluorinated pollutants and mechanosynthesis of lanthanum oxyfluoride: A Waste-to-Materials process. <i>Chemical Engineering Journal</i> , 2017, 316, 1078-1090.	6.6	55
122	Photodegradation of 2,2,4,4-tetrabromodiphenyl ether in nonionic surfactant solutions. <i>Chemosphere</i> , 2008, 73, 1594-1601.	4.2	53
123	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
124	Synthesis and Regeneration of A MXene-Based Pollutant Adsorbent by Mechanochemical Methods. <i>Molecules</i> , 2019, 24, 2478.	1.7	53
125	Mechanochemical destruction of pentachloronitrobenzene with reactive iron powder. <i>Journal of Hazardous Materials</i> , 2011, 198, 275-281.	6.5	52
126	Estimation of Exposure to Organic Flame Retardants via Hand Wipe, Surface Wipe, and Dust: Comparability of Different Assessment Strategies. <i>Environmental Science & Technology</i> , 2018, 52, 9946-9953.	4.6	52

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127	Development of species sensitivity distributions and estimation of HC5 of organochlorine pesticides with five statistical approaches. <i>Ecotoxicology</i> , 2008, 17, 716-724.	1.1	51
128	Mechanisms influencing the BFR distribution patterns in office dust and implications for estimating human exposure. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 11-18.	6.5	51
129	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
130	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , 2016, 144, 1384-1390.	4.2	51
131	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
132	Seasonal and spatial variations of pharmaceuticals and personal care products occurrence and human health risk in drinking water - A case study of China. <i>Science of the Total Environment</i> , 2019, 694, 133711.	3.9	51
133	Catalytic Hydrodechlorination of 4-Chlorophenol in an Aqueous Solution with Pd/Ni Catalyst and Formic Acid. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4561-4565.	1.8	50
134	Mechanochemical destruction of mirex co-ground with iron and quartz in a planetary ball mill. <i>Chemosphere</i> , 2013, 90, 1729-1735.	4.2	50
135	A novel photoelectro-peroxone process for the degradation and mineralization of substituted benzenes in water. <i>Chemical Engineering Journal</i> , 2016, 286, 239-248.	6.6	50
136	Kinetics and operational parameters for 1,4-dioxane degradation by the photoelectro-peroxone process. <i>Chemical Engineering Journal</i> , 2017, 310, 249-258.	6.6	50
137	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
138	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
139	Per- and Polyfluoroalkyl Substances in Representative Fluorocarbon Surfactants Used in Chinese Film-Forming Foams: Levels, Profile Shift, and Environmental Implications. <i>Environmental Science and Technology Letters</i> , 2019, 6, 259-264.	3.9	50
140	Improvement of the degradation of pesticide deethylatrazine by combining UV photolysis with electrochemical generation of hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2016, 291, 215-224.	6.6	49
141	Mechanochemical pre-treatment for viable recycling of plastic waste containing haloorganics. <i>Waste Management</i> , 2018, 75, 181-186.	3.7	49
142	Temporal trends and transport of perfluoroalkyl substances (PFASs) in a subtropical estuary: Jiulong River Estuary, Fujian, China. <i>Science of the Total Environment</i> , 2018, 639, 263-270.	3.9	49
143	Mechanochemical destruction of Chinese PFOS alternative F-53B. <i>Chemical Engineering Journal</i> , 2016, 286, 387-393.	6.6	48
144	Mechanochemical destruction of Dechlorane Plus with calcium oxide. <i>Chemosphere</i> , 2010, 81, 345-350.	4.2	47

#	ARTICLE	IF	CITATIONS
145	Emission characterization of unintentionally produced persistent organic pollutants from iron ore sintering process in China. <i>Chemosphere</i> , 2012, 89, 409-415.	4.2	47
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158	A Novel Fiber Optic Biosensor for the Determination of Adrenaline Based on Immobilized Laccase Catalysis. <i>Analytical Letters</i> , 2008, 41, 1430-1442.	1.0	41
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165	Highly efficient removal of hexavalent chromium from electroplating wastewater using aminated wheat straw. <i>RSC Advances</i> , 2016, 6, 8797-8805.	1.7	38
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