

# Jun Huang

## List of Publications by Citations

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305  
papers

16,030  
citations

67  
h-index

113  
g-index

312  
ext. papers

19,140  
ext. citations

9  
avg. IF

6.91  
L-index

#	Paper	IF	Citations
305	Pharmaceuticals and personal care products in the aquatic environment in China: a review. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 189-211	12.8	614
304	Sorption of perfluorooctane sulfonate and perfluorooctanoate on activated carbons and resin: Kinetic and isotherm study. <i>Water Research</i> , <b>2009</b> , 43, 1150-8	12.5	454
303	Adsorption behavior and mechanism of perfluorinated compounds on various adsorbents--a review. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 274, 443-54	12.8	438
302	Occurrence of PAHs, PCBs and organochlorine pesticides in the Tonghui River of Beijing, China. <i>Environmental Pollution</i> , <b>2004</b> , 130, 249-61	9.3	353
301	Occurrence and removal of pharmaceuticals, caffeine and DEET in wastewater treatment plants of Beijing, China. <i>Water Research</i> , <b>2010</b> , 44, 417-26	12.5	341
300	Seasonal variation in the occurrence and removal of pharmaceuticals and personal care products in different biological wastewater treatment processes. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3341-8	10.3	280
299	First report of a Chinese PFOS alternative overlooked for 30 years: its toxicity, persistence, and presence in the environment. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 10163-70	10.3	277
298	Fate and assessment of persistent organic pollutants in water and sediment from Minjiang River Estuary, Southeast China. <i>Chemosphere</i> , <b>2003</b> , 52, 1423-30	8.4	263
297	Granular bamboo-derived activated carbon for high CO <sub>2</sub> adsorption: the dominant role of narrow micropores. <i>ChemSusChem</i> , <b>2012</b> , 5, 2354-60	8.3	252
296	Efficient electrochemical oxidation of perfluorooctanoate using a Ti/SnO <sub>2</sub> -Sb-Bi anode. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 2973-9	10.3	248
295	BiOX (X = Cl, Br, I) photocatalysts prepared using NaBiO <sub>3</sub> as the Bi source: Characterization and catalytic performance. <i>Catalysis Communications</i> , <b>2010</b> , 11, 460-464	3.2	226
294	As(V) and As(III) removal from water by a CeTi oxide adsorbent: Behavior and mechanism. <i>Chemical Engineering Journal</i> , <b>2010</b> , 161, 106-113	14.7	220
293	Preparation of ultrafine magnetic biochar and activated carbon for pharmaceutical adsorption and subsequent degradation by ball milling. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 305, 156-163	12.8	202
292	Removal of perfluorooctane sulfonate from wastewater by anion exchange resins: effects of resin properties and solution chemistry. <i>Water Research</i> , <b>2010</b> , 44, 5188-95	12.5	192
291	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 &amp; Technology</i> , <b>2014</b> , 48, 8839-46	10.3	178
290	Sorption mechanisms of perfluorinated compounds on carbon nanotubes. <i>Environmental Pollution</i> , <b>2012</b> , 168, 138-44	9.3	167
289	Polyethylenimine-impregnated resin for high CO <sub>2</sub> adsorption: an efficient adsorbent for CO <sub>2</sub> capture from simulated flue gas and ambient air. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 6937-43	9.5	156

288	Mn-Ce oxide as a high-capacity adsorbent for fluoride removal from water. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 1360-6	12.8	153
287	Pesticide levels and environmental risk in aquatic environments in China--A review. <i>Environment International</i> , <b>2015</b> , 81, 87-97	12.9	151
286	Enhanced adsorption of perfluorooctane sulfonate and perfluorooctanoate by bamboo-derived granular activated carbon. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 282, 150-7	12.8	150
285	Superior CO <sub>2</sub> adsorption on pine nut shell-derived activated carbons and the effective micropores at different temperatures. <i>Chemical Engineering Journal</i> , <b>2014</b> , 253, 46-54	14.7	149
284	Brominated flame retardants (BFRs): A review on environmental contamination in China. <i>Chemosphere</i> , <b>2016</b> , 150, 479-490	8.4	144
283	Photochemical degradation of six polybrominated diphenyl ether congeners under ultraviolet irradiation in hexane. <i>Chemosphere</i> , <b>2008</b> , 71, 258-67	8.4	141
282	Regenerable granular carbon nanotubes/alumina hybrid adsorbents for diclofenac sodium and carbamazepine removal from aqueous solution. <i>Water Research</i> , <b>2013</b> , 47, 4139-47	12.5	139
281	Occurrence and source apportionment of pharmaceuticals and personal care products in the Beiyun River of Beijing, China. <i>Chemosphere</i> , <b>2015</b> , 119, 1033-1039	8.4	138
280	Enhancement of photocatalytic activity over NaBiO <sub>3</sub> /BiOCl composite prepared by an in situ formation strategy. <i>Catalysis Today</i> , <b>2010</b> , 153, 193-199	5.3	138
279	Destruction of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) by ball milling. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6471-7	10.3	133
278	Preparation of Al-Ce hybrid adsorbent and its application for defluoridation of drinking water. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 179, 424-30	12.8	132
277	Degradation of perfluorinated compounds on a boron-doped diamond electrode. <i>Electrochimica Acta</i> , <b>2012</b> , 77, 17-22	6.7	127
276	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 1564-1575	10.3	125
275	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> , <b>2014</b> , 481, 173-182	5.1	122
274	Removal of perfluorooctane sulfonate from aqueous solution by crosslinked chitosan beads: sorption kinetics and uptake mechanism. <i>Bioresource Technology</i> , <b>2011</b> , 102, 2265-71	11	119
273	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. <i>Water Research</i> , <b>2014</b> , 63, 81-93	12.5	117
272	Removal of perfluorinated carboxylates from washing wastewater of perfluorooctanesulfonyl fluoride using activated carbons and resins. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 286, 136-43	12.8	117
271	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> , <b>2010</b> , 165, 751-757	14.7	117

270	Characterization of pharmaceutically active compounds in Dongting Lake, China: Occurrence, chiral profiling and environmental risk. <i>Science of the Total Environment</i> , <b>2016</b> , 557-558, 268-75	10.2	112
269	Activated carbons and amine-modified materials for carbon dioxide capture – a review. <i>Frontiers of Environmental Science and Engineering</i> , <b>2013</b> , 7, 326-340	5.8	111
268	Sorption of perfluorooctane sulfonate and perfluorooctanoate on activated sludge. <i>Chemosphere</i> , <b>2010</b> , 81, 453-8	8.4	108
267	Ball milling synthesized MnO <sub>x</sub> as highly active catalyst for gaseous POPs removal: significance of mechanochemically induced oxygen vacancies. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 4473-80	10.3	107
266	Highly active and stable Ni-Fe bimetal prepared by ball milling for catalytic hydrodechlorination of 4-chlorophenol. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 4576-82	10.3	107
265	Mechanochemical destruction of halogenated organic pollutants: A critical review. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 313, 85-102	12.8	106
264	Comparison of pharmaceutical abatement in various water matrices by conventional ozonation, peroxone (O/HO), and an electro-peroxone process. <i>Water Research</i> , <b>2018</b> , 130, 127-138	12.5	102
263	A dual function magnetic nanomaterial modified with lysine for removal of organic dyes from water solution. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 250-256	14.7	101
262	Catalytic removal of gaseous unintentional POPs on manganese oxide octahedral molecular sieves. <i>Applied Catalysis B: Environmental</i> , <b>2013</b> , 142-143, 568-578	21.8	100
261	Sorption of perfluorooctane sulfonate on organo-montmorillonites. <i>Chemosphere</i> , <b>2010</b> , 78, 688-94	8.4	100
260	Characterization of pharmaceutically active compounds in Beijing, China: Occurrence pattern, spatiotemporal distribution and its environmental implication. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 147-155	12.8	96
259	Photocatalytic degradation of PCP-Na over BiOI nanosheets under simulated sunlight irradiation. <i>Catalysis Communications</i> , <b>2009</b> , 10, 1957-1961	3.2	96
258	Rapid removal of bisphenol A on highly ordered mesoporous carbon. <i>Journal of Environmental Sciences</i> , <b>2011</b> , 23, 177-82	6.4	95
257	Ozonation of trimethoprim in aqueous solution: identification of reaction products and their toxicity. <i>Water Research</i> , <b>2013</b> , 47, 2863-72	12.5	93
256	Activated carbons prepared from peanut shell and sunflower seed shell for high CO <sub>2</sub> adsorption. <i>Adsorption</i> , <b>2015</b> , 21, 125-133	2.6	91
255	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. <i>Water Research</i> , <b>2016</b> , 88, 826-835	12.5	90
254	Electrocatalytic hydrodechlorination of 2,4,5-trichlorobiphenyl on a palladium-modified nickel foam cathode. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 7503-8	10.3	90
253	Integrated adsorption and visible-light photodegradation of aqueous clofibric acid and carbamazepine by a Fe-based metal-organic framework. <i>Chemical Engineering Journal</i> , <b>2017</b> , 330, 157-165	14.7	89

252	Mechanisms of enhanced total organic carbon elimination from oxalic acid solutions by electro-peroxone process. <i>Water Research</i> , <b>2015</b> , 80, 20-9	12.5	83
251	Photocatalytic decomposition of 4-t-octylphenol over NaBiO <sub>3</sub> driven by visible light: catalytic kinetics and corrosion products characterization. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 173, 765-72	12.8	81
250	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. <i>Environment International</i> , <b>2014</b> , 65, 100-6	12.9	80
249	Preparation, characterization and application of a Ce-Ti oxide adsorbent for enhanced removal of arsenate from water. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 179, 1014-21	12.8	80
248	Particle size: a missing factor in risk assessment of human exposure to toxic chemicals in settled indoor dust. <i>Environment International</i> , <b>2012</b> , 49, 24-30	12.9	79
247	Stable Covalent Organic Frameworks as Efficient Adsorbents for High and Selective Removal of an Aryl-Organophosphorus Flame Retardant from Water. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 30265-30272	9.5	78
246	Identification of priority pharmaceuticals in the water environment of China. <i>Chemosphere</i> , <b>2012</b> , 89, 280-6	8.4	77
245	Tiered aquatic ecological risk assessment of organochlorine pesticides and their mixture in Jiangsu reach of Huaihe River, China. <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 157, 29-42	3.1	77
244	Degradation of sulfamethazine by persulfate activated with organo-montmorillonite supported nano-zero valent iron. <i>Chemical Engineering Journal</i> , <b>2019</b> , 361, 99-108	14.7	77
243	Enhanced adsorption of arsenate on the aminated fibers: sorption behavior and uptake mechanism. <i>Langmuir</i> , <b>2008</b> , 24, 10961-7	4	74
242	Characterization and human exposure assessment of organophosphate flame retardants in indoor dust from several microenvironments of Beijing, China. <i>Chemosphere</i> , <b>2016</b> , 150, 465-471	8.4	73
241	Mechanochemical degradation of tetrabromobisphenol A: performance, products and pathway. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 243, 278-85	12.8	72
240	Competitive adsorption of perfluoroalkyl substances on anion exchange resins in simulated AFFF-impacted groundwater. <i>Chemical Engineering Journal</i> , <b>2018</b> , 348, 494-502	14.7	72
239	Highly efficient sorption of perfluorooctane sulfonate and perfluorooctanoate on a quaternized cotton prepared by atom transfer radical polymerization. <i>Chemical Engineering Journal</i> , <b>2012</b> , 193-194, 154-160	14.7	70
238	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> , <b>2015</b> , 172-173, 154-164	21.8	67
237	A magnetic nanomaterial modified with poly-lysine for efficient removal of anionic dyes from water. <i>Chemical Engineering Journal</i> , <b>2015</b> , 262, 313-318	14.7	67
236	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , <b>2018</b> , 353, 490-498	14.7	67
235	Adsorption of perfluorinated compounds on aminated rice husk prepared by atom transfer radical polymerization. <i>Chemosphere</i> , <b>2013</b> , 91, 124-30	8.4	66

234	Contaminants of emerging concern in landfill leachate in China: A review. <i>Emerging Contaminants</i> , <b>2018</b> , 4, 1-10	5.8	66
233	Stability of 6:2 fluorotelomer sulfonate in advanced oxidation processes: degradation kinetics and pathway. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 4634-42	5.1	65
232	Emission inventory for PFOS in China: review of past methodologies and suggestions. <i>Scientific World Journal, The</i> , <b>2011</b> , 11, 1963-80	2.2	64
231	Contributors to estrogenic activity in wastewater from a large wastewater treatment plant in Beijing, China. <i>Environmental Toxicology and Pharmacology</i> , <b>2008</b> , 25, 20-6	5.8	64
230	Emissions, Transport, and Fate of Emerging Per- and Polyfluoroalkyl Substances from One of the Major Fluoropolymer Manufacturing Facilities in China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 9694-9703	10.3	62
229	Dechlorane Plus pollution and inventory in soil of Huai'an City, China. <i>Chemosphere</i> , <b>2010</b> , 80, 1285-90	8.4	62
228	The electro-peroxone process for the abatement of emerging contaminants: Mechanisms, recent advances, and prospects. <i>Chemosphere</i> , <b>2018</b> , 208, 640-654	8.4	62
227	Vertical distribution of microbial communities in soils contaminated by chromium and perfluoroalkyl substances. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 156-164	10.2	60
226	Pay special attention to the transformation products of PPCPs in environment. <i>Emerging Contaminants</i> , <b>2017</b> , 3, 69-75	5.8	60
225	Occurrence of organophosphorus flame retardants on skin wipes: Insight into human exposure from dermal absorption. <i>Environment International</i> , <b>2017</b> , 98, 113-119	12.9	59
224	CO <sub>2</sub> adsorption on crab shell derived activated carbons: contribution of micropores and nitrogen-containing groups. <i>RSC Advances</i> , <b>2015</b> , 5, 48323-48330	3.7	59
223	Zñich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 84502	8.4	58
222	Photocatalytic degradation of phenol in water on as-prepared and surface modified TiO <sub>2</sub> nanoparticles. <i>Catalysis Today</i> , <b>2015</b> , 258, 96-102	5.3	57
221	Acceleration and mechanistic studies of the mechanochemical dechlorination of HCB with iron powder and quartz sand. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 185-191	14.7	54
220	Efficient degradation of carbamazepine by organo-montmorillonite supported nCoFe <sub>2</sub> O <sub>4</sub> -activated peroxymonosulfate process. <i>Chemical Engineering Journal</i> , <b>2019</b> , 368, 824-836	14.7	53
219	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> , <b>2017</b> , 118, 26-38	12.5	52
218	Correlation between volatile profiles and microbial communities: A metabonomic approach to study Jiang-flavor liquor Daqu. <i>Food Research International</i> , <b>2019</b> , 121, 422-432	7	52
217	A comprehensive kinetic model for mechanochemical destruction of persistent organic pollutants. <i>Chemical Engineering Journal</i> , <b>2016</b> , 291, 30-38	14.7	52



216	Catalytic removal of gaseous HCBz on Cu doped OMS: Effect of Cu location on catalytic performance. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 150-151, 167-178	21.8	52
215	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> , <b>2014</b> , 92, 655-61	2.7	51
214	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 300, 298-306	12.8	50
213	Typical pharmaceuticals in major WWTPs in Beijing, China: Occurrence, load pattern and calculation reliability. <i>Water Research</i> , <b>2018</b> , 140, 291-300	12.5	50
212	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 286-292	14.7	50
211	Perchlorate formation during the electro-peroxone treatment of chloride-containing water: Effects of operational parameters and control strategies. <i>Water Research</i> , <b>2016</b> , 88, 691-702	12.5	50
210	Role of air bubbles overlooked in the adsorption of perfluorooctanesulfonate on hydrophobic carbonaceous adsorbents. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 13785-92	10.3	50
209	Removal of perfluorooctanoate from surface water by polyaluminium chloride coagulation. <i>Water Research</i> , <b>2011</b> , 45, 1774-80	12.5	50
208	Assessing the persistence of pharmaceuticals in the aquatic environment: Challenges and needs. <i>Emerging Contaminants</i> , <b>2016</b> , 2, 145-147	5.8	49
207	As(III) and As(V) adsorption on nanocomposite of hydrated zirconium oxide coated carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 511, 277-284	9.3	48
206	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , <b>2018</b> , 142, 383-395	12.5	48
205	Sulfide-mediated azo dye degradation and microbial community analysis in a single-chamber air cathode microbial fuel cell. <i>Bioelectrochemistry</i> , <b>2020</b> , 131, 107349	5.6	48
204	Enhanced removal of pentachlorophenol and 2,4-D from aqueous solution by an aminated biosorbent. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 165, 408-14	12.8	47
203	Photodegradation of 2,2',4,4'-tetrabromodiphenyl ether in nonionic surfactant solutions. <i>Chemosphere</i> , <b>2008</b> , 73, 1594-601	8.4	47
202	Development of species sensitivity distributions and estimation of HC(5) of organochlorine pesticides with five statistical approaches. <i>Ecotoxicology</i> , <b>2008</b> , 17, 716-24	2.9	47
201	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 460-470	12.8	46
200	Perfluoroalkyl substances (PFASs) influence the structure and function of soil bacterial community: Greenhouse experiment. <i>Science of the Total Environment</i> , <b>2018</b> , 642, 1118-1126	10.2	46
199	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 8027-8035	10.3	45

198	Efficient adsorption of PFOS and F53B from chrome plating wastewater and their subsequent degradation in the regeneration process. <i>Chemical Engineering Journal</i> , <b>2016</b> , 290, 405-413	14.7	45
197	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> , <b>2016</b> , 10, 491-501	5.8	44
196	Adsorption behavior and mechanism of perfluorooctane sulfonate on nanosized inorganic oxides. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 474, 199-205	9.3	44
195	Mechanochemical destruction of mirex co-ground with iron and quartz in a planetary ball mill. <i>Chemosphere</i> , <b>2013</b> , 90, 1729-35	8.4	43
194	Hydrophilic and strengthened 3D reduced graphene oxide/nano-Fe <sub>3</sub> O <sub>4</sub> hybrid hydrogel for enhanced adsorption and catalytic oxidation of typical pharmaceuticals. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 1650-1660	7.1	43
193	Kinetics and operational parameters for 1,4-dioxane degradation by the photoelectro-peroxone process. <i>Chemical Engineering Journal</i> , <b>2017</b> , 310, 249-258	14.7	42
192	Mechanochemical destruction of pentachloronitrobenzene with reactive iron powder. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 198, 275-81	12.8	42
191	Rapid photocatalytic degradation of PCP-Na over NaBiO <sub>3</sub> driven by visible light irradiation. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 166, 728-33	12.8	42
190	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> , <b>2020</b> , 239, 116534	8.3	42
189	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> , <b>2019</b> , 125, 152-160	12.9	42
188	Simultaneous regeneration of p-nitrophenol-saturated activated carbon fiber and mineralization of desorbed pollutants by electro-peroxone process. <i>Carbon</i> , <b>2016</b> , 101, 399-408	10.4	41
187	A novel photoelectro-peroxone process for the degradation and mineralization of substituted benzenes in water. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 239-248	14.7	40
186	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , <b>2016</b> , 144, 1384-90	8.4	40
185	Removal of F-53B as PFOS alternative in chrome plating wastewater by UV/Sulfite reduction. <i>Water Research</i> , <b>2019</b> , 163, 114907	12.5	40
184	Mechanisms influencing the BFR distribution patterns in office dust and implications for estimating human exposure. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 252-253, 11-8	12.8	40
183	Catalytic Hydrodechlorination of 4-Chlorophenol in an Aqueous Solution with Pd/Ni Catalyst and Formic Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 4561-4565	3.9	40
182	Mechanochemical destruction of Dechlorane Plus with calcium oxide. <i>Chemosphere</i> , <b>2010</b> , 81, 345-50	8.4	40
181	Degradation of PFOA Substitute: GenX (HFPO-DA Ammonium Salt): Oxidation with UV/Persulfate or Reduction with UV/Sulfite?. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11728-11734	10.3	40



180	Selective and High Sorption of Perfluorooctanesulfonate and Perfluorooctanoate by Fluorinated Alkyl Chain Modified Montmorillonite. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 16782-16790	3.8	38
179	Emission characterization of unintentionally produced persistent organic pollutants from iron ore sintering process in China. <i>Chemosphere</i> , <b>2012</b> , 89, 409-15	8.4	38
178	Linking the environmental loads to the fate of PPCPs in Beijing: Considering both the treated and untreated wastewater sources. <i>Environmental Pollution</i> , <b>2015</b> , 202, 153-9	9.3	37
177	Ozonation of antidepressant fluoxetine and its metabolite product norfluoxetine: Kinetics, intermediates and toxicity. <i>Chemical Engineering Journal</i> , <b>2017</b> , 316, 951-963	14.7	36
176	Pharmaceuticals and personal care products (PPCPs) in urban and suburban rivers of Beijing, China: occurrence, source apportionment and potential ecological risk. <i>Environmental Sciences: Processes and Impacts</i> , <b>2016</b> , 18, 445-55	4.3	36
175	Mechanochemical degradation of hexabromocyclododecane and approaches for the remediation of its contaminated soil. <i>Chemosphere</i> , <b>2014</b> , 116, 40-5	8.4	36
174	Catalytic destruction of pentachlorobenzene in simulated flue gas by a V <sub>2</sub> O <sub>5</sub> -WO <sub>3</sub> /TiO <sub>2</sub> catalyst. <i>Chemosphere</i> , <b>2012</b> , 87, 1032-8	8.4	36
173	Mechanochemical destruction of Chinese PFOS alternative F-53B. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 387-393	14.7	35
172	Improvement of the degradation of pesticide deethylatrazine by combining UV photolysis with electrochemical generation of hydrogen peroxide. <i>Chemical Engineering Journal</i> , <b>2016</b> , 291, 215-224	14.7	35
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150	Estimation of Exposure to Organic Flame Retardants via Hand Wipe, Surface Wipe, and Dust: Comparability of Different Assessment Strategies. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 9946-9953	10.3	29
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148	Emission of unintentionally produced persistent organic pollutants (UPOPs) from municipal waste incinerators in China. <i>Chemosphere</i> , <b>2016</b> , 158, 17-23	8.4	28
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146	Synthesis and Regeneration of A MXene-Based Pollutant Adsorbent by Mechanochemical Methods. <i>Molecules</i> , <b>2019</b> , 24,	4.8	28
145	Photodestruction of BDE-99 in micellar solutions of nonionic surfactants of Brij 35 and Brij 58. <i>Chemosphere</i> , <b>2010</b> , 78, 752-9	8.4	28

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139	Vertical profiles of microbial communities in perfluoroalkyl substance-contaminated soils. <i>Annals of Microbiology</i> , <b>2018</b> , 68, 399-408	3.2	25
138	Mineralization of salicylic acid via catalytic ozonation with Fe-Cu@SiO core-shell catalyst: A two-stage first order reaction. <i>Chemosphere</i> , <b>2019</b> , 235, 470-480	8.4	25
137	Dioxins reformation and destruction in secondary copper smelting fly ash under ball milling. <i>Scientific Reports</i> , <b>2016</b> , 6, 22925	4.9	24
136	Effect of co-existing organic compounds on adsorption of perfluorinated compounds onto carbon nanotubes. <i>Frontiers of Environmental Science and Engineering</i> , <b>2015</b> , 9, 784-792	5.8	24
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131	Removal of clofibric acid from aqueous solution by polyethylenimine-modified chitosan beads. <i>Frontiers of Environmental Science and Engineering</i> , <b>2014</b> , 8, 675-682	5.8	23
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