

Gang Yu

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

334
papers

17,188
citations

67
h-index

115
g-index

343
ext. papers

21,096
ext. citations

9.3
avg, IF

7.13
L-index

#	Paper	IF	Citations
334	Degradation of OBS (Sodium -Perfluorous Nonenoxybenzenesulfonate) 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 ,	10.3	2
333	Using a fugacity model to determine the degradation rate of typical polycyclic musks in the field: A case study in the North Canal River watershed of Beijing, China. <i>Journal of Environmental Management</i> , 2022 , 302, 114096	7.9	1
332	Quantitatively identifying the emission sources of pharmaceutically active compounds (PhACs) in the surface water: Method development, verification and application in Huangpu River, China.. <i>Science of the Total Environment</i> , 2022 , 815, 152783	10.2	1
331	Synchronous construction of a porous intramolecular D-A conjugated polymer via electron donors for superior photocatalytic decontamination. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127379	12.8	1
330	Pollution characterization of pharmaceutically active compounds (PhACs) in the northwest of Tai Lake Basin, China: Occurrence, temporal changes, riverine flux and risk assessment. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126889	12.8	6
329	Emerging contaminant control: From science to action. <i>Frontiers of Environmental Science and Engineering</i> , 2022 , 16, 1	5.8	0
328	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	12.5	6
327	Activation of peracetic acid via CoO with double-layered hollow structures for the highly efficient removal of sulfonamides: Kinetics insights and assessment of practical applications.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128579	12.8	0
326	Mechanochemical synthesis of catalysts and reagents for water decontamination: Recent advances and perspective.. <i>Science of the Total Environment</i> , 2022 , 153992	10.2	0
325	Determination of total reducible organofluorine in PFAS-impacted aqueous samples based on hydrated electron defluorination.. <i>Science of the Total Environment</i> , 2022 , 154548	10.2	0
324	Directional utilization disorder charge via In-plane driving force of functionalized graphite carbon nitride for the robust photocatalytic degradation of fluoroquinolone. <i>Chemical Engineering Journal</i> , 2022 , 442, 135943	14.7	0
323	Construction of dual transfer channels in graphitic carbon nitride photocatalyst for high-efficiency environmental pollution remediation: Enhanced exciton dissociation and carrier migration. <i>Journal of Hazardous Materials</i> , 2022 , 436, 129171	12.8	0
322	Enhancing hydroxyl radical production from cathodic ozone reduction during the ozone-electrolysis process with flow-through reactive electrochemical membrane cathode. <i>Chemosphere</i> , 2022 , 303, 135020	8.4	0
321	Self-assembled graphitic carbon nitride regulated by carbon quantum dots with optimized electronic band structure for enhanced photocatalytic degradation of diclofenac. <i>Chemical Engineering Journal</i> , 2021 , 431, 133927	14.7	4
320	Rapid Removal of Perfluoroalkanesulfonates from Water by β -Cyclodextrin Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 48700-48708	9.5	4
319	Solvent-free mechanochemical mild oxidation method to enhance adsorption properties of chitosan. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	6
318	Evaluation of the concentration and contribution of superoxide radical for micropollutant abatement during ozonation. <i>Water Research</i> , 2021 , 194, 116927	12.5	14

317	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. <i>Engineering</i> , 2021 ,	9.7	4
316	Role of hydrogenated moiety in redox treatability of 6:2 fluorotelomer sulfonic acid in chrome mist suppressant solution. <i>Journal of Hazardous Materials</i> , 2021 , 408, 124875	12.8	6
315	Rainfall Influences Occurrence of Pharmaceutical and Personal Care Products in Landfill Leachates: Evidence from Seasonal Variations and Extreme Rainfall Episodes. <i>Environmental Science & Technology</i> , 2021 , 55, 4822-4830	10.3	8
314	Seasonal occurrence and source analysis of pharmaceutically active compounds (PhACs) in aquatic environment in a small and medium-sized city, China. <i>Science of the Total Environment</i> , 2021 , 769, 144272	10.2	6
313	Tetracycline removal from aqueous solution using zirconium-based metal-organic frameworks (Zr-MOFs) with different pore size and topology: Adsorption isotherm, kinetic and mechanism studies. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 495-505	9.3	37
312	Development of emission factors to estimate discharge of typical pharmaceuticals and personal care products from wastewater treatment plants. <i>Science of the Total Environment</i> , 2021 , 769, 144556	10.2	9
311	Removal of lead ions by two FeMn oxide substrate adsorbents. <i>Science of the Total Environment</i> , 2021 , 773, 145670	10.2	2
310	Antibiotic resistance genes and mobile genetic elements in a rural river in Southeast China: Occurrence, seasonal variation and association with the antibiotics. <i>Science of the Total Environment</i> , 2021 , 778, 146131	10.2	5
309	Synthesis of a carbon dots modified g-CN/SnO Z-scheme photocatalyst with superior photocatalytic activity for PPCPs degradation under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123257	12.8	69
308	Occurrence and variations of pharmaceuticals and personal-care products in rural water bodies: A case study of the Taige Canal (2018-2019). <i>Science of the Total Environment</i> , 2021 , 762, 143138	10.2	10
307	Determination of total oxidizable precursors in foam surfactants and foam contaminated water based on UV-activated persulfate oxidation. <i>Science of the Total Environment</i> , 2021 , 763, 142943	10.2	5
306	Efficient degradation of typical pharmaceuticals in water using a novel TiO/ONLH nano-photocatalyst under natural sunlight. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123582	12.8	18
305	Evaluation of the technoeconomic feasibility of electrochemical hydrogen peroxide production for decentralized water treatment. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	26
304	Removal of low concentrations of nickel ions in electroplating wastewater by combination of electro dialysis and electrodeposition. <i>Chemosphere</i> , 2021 , 263, 128208	8.4	18
303	Effects of coagulation-sedimentation-filtration pretreatment on micropollutant abatement by the electro-peroxone process. <i>Chemosphere</i> , 2021 , 266, 129230	8.4	5
302	One-step synthesis of carbon nitride nanobelts for the enhanced photocatalytic degradation of organic pollutants through peroxydisulfate activation. <i>Environmental Science: Nano</i> , 2021 , 8, 245-257	7.1	2
301	Identifying unknown antibiotics with persistent and bioaccumulative properties and ecological risk in river water in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 13515-13523	5.1	0
300	Co-occurrence of antiseptic triclocarban and chiral anti-inflammatory ibuprofen in environment: Association between biological effect in sediment and risk to human health. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124871	12.8	2

299	Cationic covalent organic framework for efficient removal of PFOA substitutes from aqueous solution. <i>Chemical Engineering Journal</i> , 2021 , 412, 127509	14.7	14
298	The degradation of enrofloxacin by a non-metallic heptazine-based OCN polymer: Kinetics, mechanism and effect of water constituents. <i>Chemosphere</i> , 2021 , 273, 128435	8.4	5
297	Occurrence, spatiotemporal distribution, seasonal and annual variation, and source apportionment of poly- and perfluoroalkyl substances (PFASs) in the northwest of Tai Lake Basin, China. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125784	12.8	3
296	Mechanochemically oxidized chitosan-based adsorbents with outstanding Penicillin G adsorption capacity. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105454	6.8	2
295	Preparation of magnetic powdered carbon/nano-FeO composite for efficient adsorption and degradation of trichloropropyl phosphate from water. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125765	12.8	6
294	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	10.2	9
293	Contribution of Nanobubbles for PFAS Adsorption on Graphene and OH- and NH-Functionalized Graphene: Comparing Simulations with Experimental Results. <i>Environmental Science & Technology</i> , 2021 , 55, 13254-13263	10.3	3
292	Removal of HFPO-DA (GenX) from aqueous solutions: A mini-review. <i>Chemical Engineering Journal</i> , 2021 , 424, 130266	14.7	4
291	Removal of low concentrations of nickel ions in electroplating wastewater using capacitive deionization technology. <i>Chemosphere</i> , 2021 , 284, 131341	8.4	8
290	Improved fractal kinetic model to predict mechanochemical destruction rate of organic pollutants. <i>Chemosphere</i> , 2021 , 284, 131307	8.4	0
289	Occurrence, source and ecotoxicological risk assessment of pesticides in surface water of Wujin District (northwest of Taihu Lake), China. <i>Environmental Pollution</i> , 2020 , 265, 114953	9.3	22
288	Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. <i>Chemosphere</i> , 2020 , 258, 127343	8.4	22
287	Municipal Solid Waste Landfills: An Underestimated Source of Pharmaceutical and Personal Care Products in the Water Environment. <i>Environmental Science & Technology</i> , 2020 , 54, 9757-9768	10.3	59
286	Adsorption behavior and mechanism of Au(III) on caffeic acid functionalized viscose staple fibers. <i>Chemosphere</i> , 2020 , 253, 126704	8.4	8
285	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	9.3	12
284	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020 , 183, 116115	12.5	23
283	Ultrathin AgWO-coated P-doped g-CN nanosheets with remarkable photocatalytic performance for indomethacin degradation. <i>Journal of Hazardous Materials</i> , 2020 , 392, 122355	12.8	31
282	In Situ Synthesis of Defect-Engineered MOFs as a Photoregenerable Catalytic Adsorbent: Understanding the Effect of LML, Adsorption Behavior, and Photoreaction Process. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12706-12716	9.5	23

281	Identifying targets of potential concern by a screening level ecological risk assessment of human use pharmaceuticals in China. <i>Chemosphere</i> , 2020 , 246, 125818	8.4	11
280	How microplastics affect chiral illicit drug methamphetamine in aquatic food chain? From green alga (<i>Chlorella pyrenoidosa</i>) to freshwater snail (<i>Cipangopaludian cathayensis</i>). <i>Environment International</i> , 2020 , 136, 105480	12.9	42
279	Enhanced adsorption of tetrabromobisphenol a (TBBPA) on cosmetic-derived plastic microbeads and combined effects on zebrafish. <i>Chemosphere</i> , 2020 , 248, 126067	8.4	21
278	Effect of high energy ball milling on organic pollutant adsorption properties of chitosan. <i>International Journal of Biological Macromolecules</i> , 2020 , 148, 543-549	7.9	19
277	Polycyclic musks in surface water and sediments from an urban catchment in the megacity Beijing, China. <i>Environmental Pollution</i> , 2020 , 263, 114548	9.3	12
276	Photochemical transformation of CN under UV irradiation: Implications for environmental fate and photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122557	12.8	7
275	Mechanochemical degradation of perfluorohexane sulfonate: Synergistic effect of ferrate(VI) and zero-valent iron. <i>Environmental Pollution</i> , 2020 , 264, 114789	9.3	12
274	Occurrence and distribution of microplastics in domestic, industrial, agricultural and aquacultural wastewater sources: A case study in Changzhou, China. <i>Water Research</i> , 2020 , 182, 115956	12.5	45
273	Determination of 27 pharmaceuticals and personal care products (PPCPs) in water: The benefit of isotope dilution. <i>Frontiers of Environmental Science and Engineering</i> , 2020 , 14, 1	5.8	17
272	One-step synthesis of phosphorus/oxygen co-doped g-CN/anatase TiO ₂ Z-scheme photocatalyst for significantly enhanced visible-light photocatalysis degradation of enrofloxacin. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121634	12.8	55
271	Degradation of hexafluoropropylene oxide oligomer acids as PFOA alternatives in simulated nanofiltration concentrate: Effect of molecular structure. <i>Chemical Engineering Journal</i> , 2020 , 382, 122866	14.7	20
270	Adsorptive recovery of Au(III) from aqueous solution using crosslinked polyethyleneimine resins. <i>Chemosphere</i> , 2020 , 241, 125122	8.4	27
269	Highly active metal-free carbon dots/g-CN hollow porous nanospheres for solar-light-driven PPCPs remediation: Mechanism insights, kinetics and effects of natural water matrices. <i>Water Research</i> , 2020 , 172, 115492	12.5	67
268	Do high levels of PPCPs in landfill leachates influence the water environment in the vicinity of landfills? A case study of the largest landfill in China. <i>Environment International</i> , 2020 , 135, 105404	12.9	22
267	A novel synthetic carbon and oxygen doped stalactite-like g-CN for broad-spectrum-driven indometacin degradation. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121961	12.8	38
266	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	12.8	9
265	Is Disposal of Unused Pharmaceuticals as Municipal Solid Waste by Landfilling a Good Option? A Case Study in China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 105, 784-789	2.7	2
264	A novel nitrogen-containing covalent organic framework adsorbent for the efficient removal of bisphenol A from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020 , 113, 204-213	5.3	4

263	Efficient multi-residue determination method for 168 pharmaceuticals and metabolites: Optimization and application to raw wastewater, wastewater effluent, and surface water in Beijing, China. <i>Environmental Pollution</i> , 2020 , 261, 114113	9.3	27
262	Phosphate-modified m-BiO enhances the absorption and photocatalytic activities of sulfonamide: Mechanism, reactive species, and reactive sites. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121443	12.8	19
261	Widespread monitoring of chiral pharmaceuticals in urban rivers reveals stereospecific occurrence and transformation. <i>Environment International</i> , 2020 , 138, 105657	12.9	13
260	The influence of nanoplastics on the toxic effects, bioaccumulation, biodegradation and enantioselectivity of ibuprofen in freshwater algae <i>Chlorella pyrenoidosa</i> . <i>Environmental Pollution</i> , 2020 , 263, 114593	9.3	21
259	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	12.8	10
258	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	14.7	67
257	Dual metal-free polymer reactive sites for the efficient degradation of diclofenac by visible light-driven oxygen reduction to superoxide radical and hydrogen peroxide. <i>Environmental Science: Nano</i> , 2019 , 6, 2577-2590	7.1	22
256	Photodegradation mechanisms of acyclovir in water and the toxicity of photoproducts. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 320, 823-830	1.5	4
255	Automated online solid-phase extraction liquid chromatography tandem mass spectrometry investigation for simultaneous quantification of per- and polyfluoroalkyl substances, pharmaceuticals and personal care products, and organophosphorus flame retardants in environmental waters. <i>Journal of Chromatography A</i> , 2019 , 1602, 350-358	4.5	18
254	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	11	34
253	A Quick Classifying Method for Tracking and Erosion Resistance of HTV Silicone Rubber Material via Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2019 , 19,	3.8	9
252	Decomplexation removal of Ni(II)-citrate complexes through heterogeneous Fenton-like process using novel CuO-CeO-CoO composite nanocatalyst. <i>Journal of Hazardous Materials</i> , 2019 , 374, 167-176	12.8	27
251	PPCPs in a drinking water treatment plant in the Yangtze River Delta of China: Occurrence, removal and risk assessment. <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1	5.8	33
250	The beneficial effect of cathodic hydrogen peroxide generation on mitigating chlorinated by-product formation during water treatment by an electro-peroxone process. <i>Water Research</i> , 2019 , 157, 209-217	12.5	37
249	Efficient removal of perfluorinated compounds from water using a regenerable magnetic activated carbon. <i>Chemosphere</i> , 2019 , 224, 187-194	8.4	37
248	The non-negligible environmental risk of recycling halogenated flame retardants associated with plastic regeneration in China. <i>Science of the Total Environment</i> , 2019 , 646, 1090-1096	10.2	23
247	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	10.2	31
246	Preparation of aminated cross-linked chitosan beads for efficient adsorption of hexavalent chromium. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 352-360	7.9	21

245	Photocatalyst with a metal-free electron-hole pair double transfer mechanism for pharmaceutical and personal care product degradation. <i>Environmental Science: Nano</i> , 2019 , 6, 3292-3306	7.1	12
244	Synthesis and Regeneration of A MXene-Based Pollutant Adsorbent by Mechanochemical Methods. <i>Molecules</i> , 2019 , 24,	4.8	28
243	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	5.8	12
242	Optimization of the Electro-Peroxone Process for Micropollutant Abatement Using Chemical Kinetic Approaches. <i>Molecules</i> , 2019 , 24,	4.8	4
241	Removal of F-53B as PFOS alternative in chrome plating wastewater by UV/Sulfite reduction. <i>Water Research</i> , 2019 , 163, 114907	12.5	40
240	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-eroxone process. <i>Chemosphere</i> , 2019 , 235, 575-585	8.4	41
239	Synthesis of mixed-linker Zr-MOFs for emerging contaminant adsorption and photodegradation under visible light. <i>Chemical Engineering Journal</i> , 2019 , 378, 122118	14.7	50
238	Ozonation of the 5-fluorouracil anticancer drug and its prodrug capecitabine: Reaction kinetics, oxidation mechanisms, and residual toxicity. <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1	5.8	20
237	Simultaneous enantiomeric analysis of non-steroidal anti-inflammatory drugs in environment by chiral LC-MS/MS: A pilot study in Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 174, 83-91	7	24
236	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	12.9	42
235	Nickel ion removal from aqueous solutions through the adsorption process: a review. <i>Reviews in Chemical Engineering</i> , 2019 ,	5	12
234	Poly- and perfluoroalkyl substances in a drinking water treatment plant in the Yangtze River Delta of China: Temporal trend, removal and human health risk. <i>Science of the Total Environment</i> , 2019 , 696, 133949	10.2	13
233	Removal of pharmaceuticals and personal care products (PPCPs) from water and wastewater using novel sulfonic acid (SO ₃ H) functionalized covalent organic frameworks. <i>Environmental Science: Nano</i> , 2019 , 6, 3374-3387	7.1	37
232	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	5.8	20
231	Preliminary release inventories of unintentionally generated dl-PCB and HCB from sources in China: Base year 2015. <i>Chemosphere</i> , 2019 , 219, 875-881	8.4	4
230	Polybrominated diphenyl ethers and novel brominated flame retardants in indoor dust of different microenvironments in Beijing, China. <i>Environment International</i> , 2019 , 122, 159-167	12.9	26
229	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019 , 53, 1564-1575	10.3	125
228	Augmented hydrogen production by gasification of ball milled polyethylene with Ca(OH) ₂ and Ni(OH) ₂ . <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1	5.8	4

227	Insights into the synergetic mechanism of a combined vis-RGO/TiO ₂ /peroxodisulfate system for the degradation of PPCPs: Kinetics, environmental factors and products. <i>Chemosphere</i> , 2019 , 216, 341-351	8.4	34
226	Highly efficient removal of enrofloxacin by magnetic montmorillonite via adsorption and persulfate oxidation. <i>Chemical Engineering Journal</i> , 2019 , 360, 1119-1127	14.7	38
225	Organophosphate flame retardants in leachates from six municipal landfills across China. <i>Chemosphere</i> , 2019 , 218, 836-844	8.4	20
224	Surface Hardness Analysis of Aged Composite Insulators via Laser-Induced Plasma Spectra Characterization. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 387-394	1.3	14
223	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	9.3	44
222	Regeneration of Chitosan-Based Adsorbents for Eliminating Dyes from Aqueous Solutions. <i>Separation and Purification Reviews</i> , 2019 , 48, 1-13	7.3	38
221	Enantiospecific toxicity, distribution and bioaccumulation of chiral antidepressant venlafaxine and its metabolite in loach (<i>Misgurnus anguillicaudatus</i>) co-exposed to microplastic and the drugs. <i>Journal of Hazardous Materials</i> , 2019 , 370, 203-211	12.8	54
220	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	9.3	25
219	Efficient removal of perfluorooctane sulfonate from aqueous film-forming foam solution by aeration-foam collection. <i>Chemosphere</i> , 2018 , 203, 263-270	8.4	23
218	Regeneration of PFOS loaded activated carbon by hot water and subsequent aeration enrichment of PFOS from eluent. <i>Carbon</i> , 2018 , 134, 199-206	10.4	15
217	Mechanochemical pre-treatment for viable recycling of plastic waste containing haloorganics. <i>Waste Management</i> , 2018 , 75, 181-186	8.6	31
216	Photocatalytic degradation of fluoroquinolone antibiotics using ordered mesoporous g-C ₃ N ₄ under simulated sunlight irradiation: Kinetics, mechanism, and antibacterial activity elimination. <i>Applied Catalysis B: Environmental</i> , 2018 , 227, 114-122	21.8	183
215	Typical pharmaceuticals in major WWTPs in Beijing, China: Occurrence, load pattern and calculation reliability. <i>Water Research</i> , 2018 , 140, 291-300	12.5	50
214	MOF-derived nitrogen doped carbon modified g-C ₃ N ₄ heterostructure composite with enhanced photocatalytic activity for bisphenol A degradation with peroxymonosulfate under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018 , 233, 35-45	21.8	210
213	Pilot-scale evaluation of micropollutant abatements by conventional ozonation, UV/O ₃ , and an electro-peroxone process. <i>Water Research</i> , 2018 , 138, 106-117	12.5	90
212	Catalytic decomposition of dioxins and other unintentional POPs in flue gas from a municipal waste incinerator (MWI) in China: a pilot testing. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 31799-31804 ⁵	5.1	180
211	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	9.3	48
210	Accelerated photocatalytic degradation of diclofenac by a novel CQDs/BiO ₂ COOH hybrid material under visible-light irradiation: Dechlorination, detoxicity, and a new superoxide radical model study. <i>Chemical Engineering Journal</i> , 2018 , 332, 737-748	14.7	76

209	Degradation of indometacin by simulated sunlight activated CDs-loaded BiPO ₄ photocatalyst: Roles of oxidative species. <i>Applied Catalysis B: Environmental</i> , 2018 , 221, 129-139	21.8	103
208	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , 2018 , 332, 286-292	14.7	50
207	Antibiotic resistance genes in China: occurrence, risk, and correlation among different parameters. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 21467-21482	5.1	32
206	Mechanochemical enhancement of the natural attenuation capacity of soils using two organophosphate biocides as models. <i>Journal of Hazardous Materials</i> , 2018 , 360, 71-81	12.8	9
205	A photocatalytic degradation strategy of PPCPs by a heptazine-based CN organic polymer (OCN) under visible light. <i>Environmental Science: Nano</i> , 2018 , 5, 2325-2336	7.1	37
204	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. <i>Chemical Engineering Journal</i> , 2018 , 354, 105-112	14.7	23
203	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018 , 353, 490-498	14.7	67
202	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	12.8	31
201	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	12.8	70
200	Potential sources of unintentionally produced PCB, HCB, and PeCBz in China: A preliminary overview. <i>Frontiers of Environmental Science and Engineering</i> , 2018 , 12, 1	5.8	36
199	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	9.5	78
198	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	10.3	29
197	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	11.1	31
196	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018 , 142, 383-395	12.5	48
195	Luminescent mixed-crystal Ln-MOF thin film for the recognition and detection of pharmaceuticals. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 931-935	8.5	48
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193	Effects of conventional ozonation and electro-peroxone pretreatment of surface water on disinfection by-product formation during subsequent chlorination. <i>Water Research</i> , 2018 , 130, 322-332	12.5	56
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