

Yujue Wang

List of Publications by Year in descending order

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219
papers

14,313
citations

15001

68
h-index

31191

106
g-index

220
all docs

220
docs citations

220
times ranked

12390
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. <i>Engineering</i> , 2022, 11, 111-125.	3.2	37
2	Integration of ultraviolet irradiation with electrochemical chlorine and hydrogen peroxide production for micropollutant abatement. <i>Chemical Engineering Journal</i> , 2022, 430, 132804.	6.6	3
3	Enhanced degradation of organic contaminants by Fe(III)/peroxymonosulfate process with L-cysteine. <i>Chinese Chemical Letters</i> , 2022, 33, 2125-2128.	4.8	49
4	Role of in-situ electro-generated H ₂ O ₂ bridge in tetracycline degradation governed by mechanochemical Si-O anchoring Cu ²⁺ as electron shuttle during E-peroxone process. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 120930.	10.8	11
5	Perylene diimide supermolecule (PDI) as a novel and highly efficient cocatalyst for photocatalytic degradation of tetracycline in water: A case study of PDI decorated graphitic carbon nitride/bismuth tungstate composite. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 849-864.	5.0	22
6	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
7	Simulating micropollutant abatement during cobalt mediated peroxymonosulfate process by probe-based kinetic models. <i>Chemical Engineering Journal</i> , 2022, 441, 135970.	6.6	23
8	Oligolayered Co@MXene with a Co-SO ₃ cation- π bridge for ultra-rapid catalytic oxidation of a novel "forever chemical" OBS. <i>Applied Catalysis B: Environmental</i> , 2022, 311, 121364.	10.8	14
9	Molar absorption coefficients and acid dissociation constants for fluoroquinolone, sulfonamide, and tetracycline antibiotics of environmental concern. <i>Science of the Total Environment</i> , 2022, 835, 155508.	3.9	19
10	Challenges and pitfalls in the investigation of the catalytic ozonation mechanism: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 436, 129157.	6.5	42
11	Advanced oxidation processes: Performance, advantages, and scale-up of emerging technologies. <i>Journal of Environmental Management</i> , 2022, 316, 115295.	3.8	131
12	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.	4.2	4
13	Nano-LiFePO ₄ /C Derived from Gaseous-Oxidation Engineering-Synthesized Amorphous Mesoporous nano-FePO ₄ for High-Rate Li-Ion Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 9311-9321.	1.8	4
14	Assessment of the validity of the quenching method for evaluating the role of reactive species in pollutant abatement during the persulfate-based process. <i>Water Research</i> , 2022, 221, 118730.	5.3	160
15	Evaluation of the techno-economic feasibility of electrochemical hydrogen peroxide production for decentralized water treatment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	72
16	Visible light absorption by perylene diimide for synergistic persulfate activation towards efficient photodegradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119579.	10.8	97
17	Revisiting the role of reactive oxygen species for pollutant abatement during catalytic ozonation: The probe approach versus the scavenger approach. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119418.	10.8	125
18	Bioaccumulation of estrogenic hormones and UV-filters in red swamp crayfish (<i>Procambarus clarkii</i>). <i>Science of the Total Environment</i> , 2021, 764, 142871.	3.9	22

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19	Ibuprofen removal from drinking water by electro-peroxone in carbon cloth filter. <i>Chemical Engineering Journal</i> , 2021, 415, 127618.	6.6	28
20	Effects of coagulation-sedimentation-filtration pretreatment on micropollutant abatement by the electro-peroxone process. <i>Chemosphere</i> , 2021, 266, 129230.	4.2	10
21	Identification of resistant pharmaceuticals in ozonation using QSAR modeling and their fate in electro-peroxone process. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	13
22	Activation of peroxymonosulfate by calcined electroplating sludge for ofloxacin degradation. <i>Chemosphere</i> , 2021, 266, 128944.	4.2	27
23	Evaluation of the concentration and contribution of superoxide radical for micropollutant abatement during ozonation. <i>Water Research</i> , 2021, 194, 116927.	5.3	58
24	Accelerated photocatalytic degradation of iohexol over Co ₃ O ₄ /g-C ₃ N ₄ /Bi ₂ O ₂ CO ₃ of p-n/n-n dual heterojunction under simulated sunlight by persulfate. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119847.	10.8	88
25	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.	3.9	24
26	Removal of organic compounds from shale gas fracturing flowback water by an integrated electrocoagulation and electro-peroxone process. <i>Separation and Purification Technology</i> , 2021, 265, 118496.	3.9	18
27	Enhanced recalcitrant pollutant degradation using hydroxyl radicals generated using ozone and bioelectricity-driven cathodic hydrogen peroxide production: Bio-E-Peroxone process. <i>Science of the Total Environment</i> , 2021, 776, 144819.	3.9	6
28	Advances in antimicrobial activity analysis of fluoroquinolone, macrolide, sulfonamide, and tetracycline antibiotics for environmental applications through improved bacteria selection. <i>Journal of Hazardous Materials</i> , 2021, 415, 125686.	6.5	22
29	Review on application of perylene diimide (PDI)-based materials in environment: Pollutant detection and degradation. <i>Science of the Total Environment</i> , 2021, 780, 146483.	3.9	49
30	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
31	Phosphorus recovery by Donnan dialysis: Membrane selectivity, diffusion coefficients, and speciation effects. <i>Chemical Engineering Journal</i> , 2021, 419, 129626.	6.6	11
32	Maximizing electrochemical hydrogen peroxide production from oxygen reduction with superaerophilic electrodes. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120655.	10.8	24
33	Enhancing the Synergistic Effect of Cellulose and Polypropylene for Petrochemical Production during Catalytic Fast Pyrolysis by Mesoporous Gallium-MFI Zeolites. <i>Energy & Fuels</i> , 2021, 35, 19525-19534.	2.5	1
34	UV-254 transformation of antibiotics in water and wastewater treatment processes. , 2020, , 239-297.		4
35	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
36	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

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37	Mass transfer and interfacial reaction mechanisms in a novel electro-catalytic membrane contactor for wastewater treatment by O ₃ . <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118512.	10.8	16
38	Comparison of emerging contaminant abatement by conventional ozonation, catalytic ozonation, O ₃ /H ₂ O ₂ and electro-peroxone processes. <i>Journal of Hazardous Materials</i> , 2020, 389, 121829.	6.5	52
39	Efficient multiresidue 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.	3.7	51
40	Influence of dissolved organic matter on carbonyl sulfide and carbon disulfide formation from cysteine during sunlight photolysis. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1852-1864.	1.7	9
41	Synthesis and application of magnetic materials-barium ferrite nanomaterial as an effective microwave catalyst for degradation of brilliant green. <i>Chemosphere</i> , 2020, 260, 127681.	4.2	18
42	A concentrate-and-destroy technique for degradation of perfluorooctanoic acid in water using a new adsorptive photocatalyst. <i>Water Research</i> , 2020, 185, 116219.	5.3	87
43	Photochemistry of the Organoselenium Compound Ebselen: Direct Photolysis and Reaction with Active Intermediates of Conventional Reactive Species Sensitizers and Quenchers. <i>Environmental Science & Technology</i> , 2020, 54, 11271-11281.	4.6	10
44	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
45	Evaluation of the stability of polyacrylonitrile-based carbon fiber electrode for hydrogen peroxide production and phenol mineralization during electro-peroxone process. <i>Chemical Engineering Journal</i> , 2020, 396, 125291.	6.6	31
46	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020, 183, 116115.	5.3	69
47	Kinetics and mechanism of thiamethoxam abatement by ozonation and ozone-based advanced oxidation processes. <i>Journal of Hazardous Materials</i> , 2020, 390, 122180.	6.5	37
48	Enhancing the performance of pollution degradation through secondary self-assembled composite supramolecular heterojunction photocatalyst BiOCl/PDI under visible light irradiation. <i>Chemosphere</i> , 2020, 253, 126751.	4.2	43
49	Enhanced treatment of pharmaceutical wastewater by combining three-dimensional electrochemical process with ozonation to in situ regenerate granular activated carbon particle electrodes. <i>Separation and Purification Technology</i> , 2019, 208, 12-18.	3.9	106
50	Ozonation of the algacide irgarol: Kinetics, transformation products, and toxicity. <i>Chemosphere</i> , 2019, 236, 124374.	4.2	14
51	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
52	Optimization of the Electro-Peroxone Process for Micropollutant Abatement Using Chemical Kinetic Approaches. <i>Molecules</i> , 2019, 24, 2638.	1.7	6
53	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-peroxone process. <i>Chemosphere</i> , 2019, 235, 575-585.	4.2	72
54	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.	3.3	33

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55	Optimizing the Aromatic Product Distribution from Catalytic Fast Pyrolysis of Biomass Using Hydrothermally Synthesized Ga-MFI Zeolites. <i>Catalysts</i> , 2019, 9, 854.	1.6	8
56	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
57	Nanoparticles for Environment, Engineering, and Nanomedicine. <i>Journal of Nanotechnology</i> , 2019, 2019, 1-2.	1.5	14
58	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.	1.8	38
59	Light-driven breakdown of 1,4-Dioxane for potable reuse: A review. <i>Chemical Engineering Journal</i> , 2019, 373, 508-518.	6.6	24
60	Solar-Driven Removal of 1,4-Dioxane Using WO ₃ /n ³ -Al ₂ O ₃ Nano-catalyst in Water. <i>Catalysts</i> , 2019, 9, 389.	1.6	15
61	Effects of antimicrobial exposure on detrital biofilm metabolism in urban and rural stream environments. <i>Science of the Total Environment</i> , 2019, 666, 1151-1160.	3.9	8
62	A novel electro-catalytic membrane contactor for improving the efficiency of ozone on wastewater treatment. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 316-321.	10.8	49
63	Occurrence and distribution of UV-filters and other anthropogenic contaminants in coastal surface water, sediment, and coral tissue from Hawaii. <i>Science of the Total Environment</i> , 2019, 670, 398-410.	3.9	144
64	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.	5.3	61
65	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
66	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
67	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019, 53, 1564-1575.	4.6	235
68	Occurrence of antibiotics, estrogenic hormones, and UV-filters in water, sediment, and oyster tissue from the Chesapeake Bay. <i>Science of the Total Environment</i> , 2019, 650, 3101-3109.	3.9	122
69	Fast and high adsorption of Ni(II) on vermiculite-based nanoscale hydrated zirconium oxides. <i>Chemical Engineering Journal</i> , 2019, 360, 1150-1157.	6.6	45
70	Synergy effect of E-peroxone process in the degradation of structurally diverse pharmaceuticals: A QSAR analysis. <i>Chemical Engineering Journal</i> , 2019, 360, 1111-1118.	6.6	13
71	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
72	Organophosphate flame retardants in leachates from six municipal landfills across China. <i>Chemosphere</i> , 2019, 218, 836-844.	4.2	33

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73	Transformation kinetics of cyclophosphamide and ifosfamide by ozone and hydroxyl radicals using continuous oxidant addition reactors. <i>Journal of Hazardous Materials</i> , 2019, 364, 752-761.	6.5	13
74	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
75	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
76	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
77	Comment on "Photodegradation of sulfathiazole under simulated sunlight: Kinetics, photo-induced structural rearrangement, and antimicrobial activities of photoproducts" by Niu et al. [<i>Water Research</i> 124 2017 576-583]. <i>Water Research</i> , 2018, 131, 205-207.	5.3	5
78	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
79	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.	5.3	126
80	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.	2.7	8
81	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
82	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , 2018, 332, 286-292.	6.6	82
83	Identifying Plant Stress Responses to Roxarsone in Soybean Root Exudates: New Insights from Two-Dimensional Correlation Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 53-62.	2.4	14
84	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.	5.3	77
85	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
86	Another Grand Challenge: Diversity in Environmental Engineering. <i>Environmental Engineering Science</i> , 2018, 35, 568-572.	0.8	8
87	Activation of peroxymonosulfate using drinking water treatment residuals for the degradation of atrazine. <i>Journal of Hazardous Materials</i> , 2018, 344, 1220-1228.	6.5	101
88	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
89	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
90	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

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91	Contaminants of emerging concern in landfill leachate in China: A review. <i>Emerging Contaminants</i> , 2018, 4, 1-10.	2.2	108
92	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. <i>Chemical Engineering Journal</i> , 2018, 354, 105-112.	6.6	40
93	Spatial and seasonal occurrence of micropollutants in four Portuguese rivers and a case study for fluorescence excitation-emission matrices. <i>Science of the Total Environment</i> , 2018, 644, 1128-1140.	3.9	53
94	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018, 353, 490-498.	6.6	98
95	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
96	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
97	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018, 142, 383-395.	5.3	79
98	CO ₂ -assisted phosphorus extraction from poultry litter and selective recovery of struvite and potassium struvite. <i>Water Research</i> , 2018, 143, 19-27.	5.3	27
99	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , 2017, 323, 460-470.	6.5	59
100	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
101	Enhanced degradation of organic contaminants in water by peroxydisulfate coupled with bisulfite. <i>Journal of Hazardous Materials</i> , 2017, 328, 98-107.	6.5	100
102	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
103	Ozonation of antidepressant fluoxetine and its metabolite product norfluoxetine: Kinetics, intermediates and toxicity. <i>Chemical Engineering Journal</i> , 2017, 316, 951-963.	6.6	45
104	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
105	Activation of peroxymonosulfate by microwave irradiation for degradation of organic contaminants. <i>Chemical Engineering Journal</i> , 2017, 315, 201-209.	6.6	211
106	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
107	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
108	Ozonation of the oxybenzone, octinoxate, and octocrylene UV-filters: Reaction kinetics, absorbance characteristics, and transformation products. <i>Journal of Hazardous Materials</i> , 2017, 338, 23-32.	6.5	26

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109	Disposal of hexabromocyclododecane (HBCD) by grinding assisted with sodium persulfate. RSC Advances, 2017, 7, 23313-23318.	1.7	16
110	Enhanced activation of periodate by iodine-doped granular activated carbon for organic contaminant degradation. Chemosphere, 2017, 181, 609-618.	4.2	48
111	Comparison of methylisoborneol and geosmin abatement in surface water by conventional ozonation and an electro-peroxone process. Water Research, 2017, 108, 373-382.	5.3	95
112	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. Environmental Science & Technology, 2017, 51, 8027-8035.	4.6	76
113	The competition between cathodic oxygen and ozone reduction and its role in dictating the reaction mechanisms of an electro-peroxone process. Water Research, 2017, 118, 26-38.	5.3	73
114	Elucidating the Stimulatory and Inhibitory Effects of Dissolved Organic Matter from Poultry Litter on Photodegradation of Antibiotics. Environmental Science & Technology, 2017, 51, 12310-12320.	4.6	64
115	Regeneration of Rhodamine B saturated activated carbon by an electro-peroxone process. Journal of Cleaner Production, 2017, 168, 584-594.	4.6	25
116	Equilibrium Modeling of Sorption-Enhanced Cogasification of Sewage Sludge and Wood for Hydrogen-Rich Gas Production with <i>in Situ</i> Carbon Dioxide Capture. Industrial & Engineering Chemistry Research, 2017, 56, 5993-6001.	1.8	26
117	The Electro-peroxone Technology as a Promising Advanced Oxidation Process for Water and Wastewater Treatment. Handbook of Environmental Chemistry, 2017, , 57-84.	0.2	10
118	Defect engineered oxides for enhanced mechanochemical destruction of halogenated organic pollutants. Chemosphere, 2017, 184, 879-883.	4.2	47
119	Natural degradation of roxarsone in contrasting soils: Degradation kinetics and transformation products. Science of the Total Environment, 2017, 607-608, 132-140.	3.9	24
120	Sequential reduction/oxidation of azo dyes in a three-dimensional biofilm electrode reactor. Chemosphere, 2017, 186, 287-294.	4.2	29
121	Simultaneous determination of UV-filters and estrogens in aquatic invertebrates by modified quick, easy, cheap, effective, rugged, and safe extraction and liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2017, 1509, 91-101.	1.8	38
122	Deriving acute and chronic predicted no effect concentrations of pharmaceuticals and personal care products based on species sensitivity distributions. Ecotoxicology and Environmental Safety, 2017, 144, 537-542.	2.9	19
123	Integrated adsorption and visible-light photodegradation of aqueous clofibrac acid and carbamazepine by a Fe-based metal-organic framework. Chemical Engineering Journal, 2017, 330, 157-165.	6.6	123
124	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. Chemosphere, 2017, 168, 272-278.	4.2	39
125	Enhanced adsorption of diclofenac sodium on the carbon nanotubes-polytetrafluorethylene electrode and subsequent degradation by electro-peroxone treatment. Journal of Colloid and Interface Science, 2017, 488, 142-148.	5.0	29
126	Kinetics and operational parameters for 1,4-dioxane degradation by the photoelectro-peroxone process. Chemical Engineering Journal, 2017, 310, 249-258.	6.6	50

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127	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
128	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
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	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
131	Enhancement of biomass conversion in catalytic fast pyrolysis by microwave-assisted formic acid pretreatment. <i>Bioresource Technology</i> , 2016, 214, 520-527.	4.8	53
132	Study of degradation mechanism of dechlorane plus by mechanochemical reaction with aluminum and quartz sand. <i>Chemical Engineering Journal</i> , 2016, 292, 98-104.	6.6	17
133	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
134	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
135	Roxarsone binding to soil-derived dissolved organic matter: Insights from multi-spectroscopic techniques. <i>Chemosphere</i> , 2016, 155, 225-233.	4.2	83
136	An aggregate analysis of personal care products in the environment: Identifying the distribution of environmentally-relevant concentrations. <i>Environment International</i> , 2016, 92-93, 301-316.	4.8	59
137	Discharge inventory of pharmaceuticals and personal care products in Beijing, China. <i>Emerging Contaminants</i> , 2016, 2, 148-156.	2.2	20
138	Direct Photolysis of Fluoroquinolone Antibiotics at 253.7 nm: Specific Reaction Kinetics and Formation of Equally Potent Fluoroquinolone Antibiotics. <i>Environmental Science & Technology</i> , 2016, 50, 9533-9542.	4.6	52
139	Trends in Population and Demographics of U.S. Environmental Engineering Students and Faculty from 2005 to 2013. <i>Environmental Engineering Science</i> , 2016, 33, 578-590.	0.8	8
140	Electro-peroxone regeneration of phenol-saturated activated carbon fiber: The effects of irreversible adsorption and operational parameters. <i>Carbon</i> , 2016, 109, 321-330.	5.4	35
141	Activation of periodate by granular activated carbon for acid orange 7 decolorization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 211-217.	2.7	48
142	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
143	Mechanochemical conversion of brominated POPs into useful oxybromides: a greener approach. <i>Scientific Reports</i> , 2016, 6, 28394.	1.6	22
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149	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
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