

Yujue Wang

List of Publications by Year in descending order

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219
papers

14,313
citations

15001

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31191

106
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all docs

220
docs citations

220
times ranked

12390
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of peroxymonosulfate by base: Implications for the degradation of organic pollutants. <i>Chemosphere</i> , 2016, 151, 280-288.	4.2	840
2	Degradation of sulfamethoxazole by microwave-activated persulfate: Kinetics, mechanism and acute toxicity. <i>Chemical Engineering Journal</i> , 2014, 249, 6-14.	6.6	360
3	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
4	The role of shape selectivity in catalytic fast pyrolysis of lignin with zeolite catalysts. <i>Applied Catalysis A: General</i> , 2012, 447-448, 115-123.	2.2	252
5	Catalytic fast pyrolysis of biomass with mesoporous ZSM-5 zeolites prepared by desilication with NaOH solutions. <i>Applied Catalysis A: General</i> , 2014, 470, 115-122.	2.2	252
6	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019, 53, 1564-1575.	4.6	235
7	Activation of peroxymonosulfate by microwave irradiation for degradation of organic contaminants. <i>Chemical Engineering Journal</i> , 2017, 315, 201-209.	6.6	211
8	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
9	Electro-peroxone treatment of Orange II dye wastewater. <i>Water Research</i> , 2013, 47, 6234-6243.	5.3	182
10	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
11	Improving the aromatic production in catalytic fast pyrolysis of cellulose by co-feeding low-density polyethylene. <i>Applied Catalysis A: General</i> , 2013, 455, 114-121.	2.2	168
12	Catalytic fast pyrolysis of Kraft lignin with HZSM-5 zeolite for producing aromatic hydrocarbons. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 295-303.	3.3	164
13	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
14	Electro-Fenton treatment of concentrates generated in nanofiltration of biologically pretreated landfill leachate. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 115-121.	6.5	161
15	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
16	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
17	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. <i>Water Research</i> , 2014, 63, 81-93.	5.3	148
18	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

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19	Detection of a wide variety of human and veterinary fluoroquinolone antibiotics in municipal wastewater and wastewater-impacted surface water. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 136-143.	1.4	145
20	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
21	Organoarsenicals in poultry litter: Detection, fate, and toxicity. <i>Environment International</i> , 2015, 75, 68-80.	4.8	141
22	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
23	Effective degradation of methylene blue by a novel electrochemically driven process. <i>Electrochemistry Communications</i> , 2013, 29, 48-51.	2.3	138
24	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
25	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
26	Advanced oxidation processes: Performance, advantages, and scale-up of emerging technologies. <i>Journal of Environmental Management</i> , 2022, 316, 115295.	3.8	131
27	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
28	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
29	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
30	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
31	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
32	Integrated adsorption and visible-light photodegradation of aqueous clofibric acid and carbamazepine by a Fe-based metal-organic framework. <i>Chemical Engineering Journal</i> , 2017, 330, 157-165.	6.6	123
33	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
34	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. <i>Water Research</i> , 2016, 88, 826-835.	5.3	118
35	Effective degradation of refractory organic pollutants in landfill leachate by electro-peroxone treatment. <i>Electrochimica Acta</i> , 2013, 102, 174-182.	2.6	112
36	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

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37	Contaminants of emerging concern in landfill leachate in China: A review. <i>Emerging Contaminants</i> , 2018, 4, 1-10.	2.2	108
38	Cr(VI) adsorption by montmorillonite nanocomposites. <i>Applied Clay Science</i> , 2016, 124-125, 111-118.	2.6	106
39	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
40	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
41	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
42	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
43	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
44	Highly selective removal of nitrate and perchlorate by organoclay. <i>Applied Clay Science</i> , 2014, 95, 126-132.	2.6	98
45	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018, 353, 490-498.	6.6	98
46	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
47	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
48	Comparison of methylisoborneol and geosmin abatement in surface water by conventional ozonation and an electro-peroxone process. <i>Water Research</i> , 2017, 108, 373-382.	5.3	95
49	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
50	UV irradiation and UV-H ₂ O ₂ advanced oxidation of the roxarsone and nitarsone organoarsenicals. <i>Water Research</i> , 2015, 70, 74-85.	5.3	92
51	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
52	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
53	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
54	Kinetics and energy efficiency for the degradation of 1,4-dioxane by electro-peroxone process. <i>Journal of Hazardous Materials</i> , 2015, 294, 90-98.	6.5	85

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55	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
56	Roxarsone binding to soil-derived dissolved organic matter: Insights from multi-spectroscopic techniques. <i>Chemosphere</i> , 2016, 155, 225-233.	4.2	83
57	Inhibition of bromate formation during drinking water treatment by adapting ozonation to electro-peroxone process. <i>Chemical Engineering Journal</i> , 2015, 264, 322-328.	6.6	82
58	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , 2018, 332, 286-292.	6.6	82
59	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
60	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018, 142, 383-395.	5.3	79
61	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
62	Systematic optimization of an SPE with HPLC-FLD method for fluoroquinolone detection in wastewater. <i>Journal of Hazardous Materials</i> , 2015, 282, 96-105.	6.5	77
63	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
64	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. <i>Environmental Science & Technology</i> , 2017, 51, 8027-8035.	4.6	76
65	Optimizing the distribution of aromatic products from catalytic fast pyrolysis of cellulose by ZSM-5 modification with boron and co-feeding of low-density polyethylene. <i>Applied Catalysis A: General</i> , 2014, 487, 45-53.	2.2	74
66	Electro-peroxone degradation of diethyl phthalate: Cathode selection, operational parameters, and degradation mechanisms. <i>Journal of Hazardous Materials</i> , 2016, 319, 61-68.	6.5	73
67	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
68	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
69	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
70	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.	3.3	72
71	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020, 183, 116115.	5.3	69
72	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

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73	Degradation and dechlorination of pentachlorophenol by microwave-activated persulfate. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4670-4679.	2.7	68
74	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. <i>Journal of Hazardous Materials</i> , 2015, 300, 298-306.	6.5	68
75	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
76	Investigation of the synergistic effects for p-nitrophenol mineralization by a combined process of ozonation and electrolysis using a boron-doped diamond anode. <i>Journal of Hazardous Materials</i> , 2014, 280, 644-653.	6.5	67
77	Thermally stable phosphorus and nickel modified ZSM-5 zeolites for catalytic co-pyrolysis of biomass and plastics. <i>RSC Advances</i> , 2015, 5, 30485-30494.	1.7	66
78	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
79	Improving the conversion of biomass in catalytic fast pyrolysis via white-rot fungal pretreatment. <i>Bioresource Technology</i> , 2013, 134, 198-203.	4.8	65
80	Emerging contaminants in landfill leachate and their sustainable management. <i>Environmental Earth Sciences</i> , 2015, 73, 1357-1368.	1.3	64
81	Elucidating the Stimulatory and Inhibitory Effects of Dissolved Organic Matter from Poultry Litter on Photodegradation of Antibiotics. <i>Environmental Science & Technology</i> , 2017, 51, 12310-12320.	4.6	64
82	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
83	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
84	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
85	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
86	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
87	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
88	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , 2017, 323, 460-470.	6.5	59
89	Evaluation of the concentration and contribution of superoxide radical for micropollutant abatement during ozonation. <i>Water Research</i> , 2021, 194, 116927.	5.3	58
90	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

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91	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
92	Evaluation of Zn-Al-SO ₄ layered double hydroxide for the removal of arsenite and arsenate from a simulated soil solution: Isotherms and kinetics. <i>Applied Clay Science</i> , 2014, 95, 119-125.	2.6	53
93	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
94	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
95	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
96	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
97	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
98	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , 2016, 144, 1384-1390.	4.2	51
99	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
100	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
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	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

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109	Simultaneous removal of chemical oxygen demand, turbidity and hardness from biologically treated citric acid wastewater by electrochemical oxidation for reuse. <i>Separation and Purification Technology</i> , 2013, 107, 281-288.	3.9	48
110	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
111	Enhanced activation of periodate by iodine-doped granular activated carbon for organic contaminant degradation. <i>Chemosphere</i> , 2017, 181, 609-618.	4.2	48
112	Defect engineered oxides for enhanced mechanochemical destruction of halogenated organic pollutants. <i>Chemosphere</i> , 2017, 184, 879-883.	4.2	47
113	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> , 2016, 18, 445-455.	1.7	46
114	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
115	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
116	Sodium persulfate-assisted mechanochemical degradation of tetrabromobisphenol A: Efficacy, products and pathway. <i>Chemosphere</i> , 2016, 150, 551-558.	4.2	44
117	Inhibition of polymer formation in electrochemical degradation of p-nitrophenol by combining electrolysis with ozonation. <i>Chemical Engineering Journal</i> , 2014, 252, 17-21.	6.6	43
118	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
119	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
120	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
121	Characterization of Hydrocarbon Emissions from Green Sand Foundry Core Binders by Analytical Pyrolysis. <i>Environmental Science & Technology</i> , 2007, 41, 7922-7927.	4.6	41
122	Linking the environmental loads to the fate of PPCPs in Beijing: Considering both the treated and untreated wastewater sources. <i>Environmental Pollution</i> , 2015, 202, 153-159.	3.7	40
123	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. <i>Chemical Engineering Journal</i> , 2018, 354, 105-112.	6.6	40
124	Comparison of Hydroxyl Radical Generation for Various Advanced Oxidation Combinations as Applied to Foundries. <i>Ozone: Science and Engineering</i> , 2007, 29, 461-471.	1.4	39
125	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. <i>Chemosphere</i> , 2017, 168, 272-278.	4.2	39
126	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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127	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. <i>Journal of Chromatography A</i> , 2017, 1509, 91-101.	1.8	38
128	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
129	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
130	Mechanochemical destruction of a chlorinated polyfluorinated ether sulfonate (F-53B, a PFOS) by electrocatalytic ozonation. <i>Journal of Hazardous Materials</i> , 2019, 368, 281-291.	1.7	37
131	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
132	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. <i>Engineering</i> , 2022, 11, 111-125.	3.2	37
133	A primary estimate of global PCDD/F release based on the quantity and quality of national economic and social activities. <i>Chemosphere</i> , 2016, 151, 303-309.	4.2	36
134	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
135	Emission of unintentionally produced persistent organic pollutants (UPOPs) from municipal waste incinerators in China. <i>Chemosphere</i> , 2016, 158, 17-23.	4.2	35
136	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
137	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
138	Organophosphate flame retardants in leachates from six municipal landfills across China. <i>Chemosphere</i> , 2019, 218, 836-844.	4.2	33
139	Effect of co-existing organic compounds on adsorption of perfluorinated compounds onto carbon nanotubes. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 784-792.	3.3	32
140	Bromate removal from water by polypyrrole tailored activated carbon. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 10-16.	5.0	32
141	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
142	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
143	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
144	Hazardous Air Pollutant Formation from Pyrolysis of Typical Chinese Casting Materials. <i>Environmental Science & Technology</i> , 2011, 45, 6539-6544.	4.6	30

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