

Yujue Wang

List of Publications by Year in descending order

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219
papers

14,313
citations

13099
68
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27406
106
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220
all docs

220
docs citations

220
times ranked

11150
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.	8.2	840
2	Degradation of sulfamethoxazole by microwave-activated persulfate: Kinetics, mechanism and acute toxicity. <i>Chemical Engineering Journal</i> , 2014, 249, 6-14.	12.7	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.	12.4	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.	4.3	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.	4.3	252
6	Degradation of Ofloxacin by Perylene Diimide Supramolecular Nanofiber Sunlight-Driven Photocatalysis. <i>Environmental Science & Technology</i> , 2019, 53, 1564-1575.	10.0	235
7	Activation of peroxymonosulfate by microwave irradiation for degradation of organic contaminants. <i>Chemical Engineering Journal</i> , 2017, 315, 201-209.	12.7	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.	12.4	189
9	Electro-peroxone treatment of Orange II dye wastewater. <i>Water Research</i> , 2013, 47, 6234-6243.	11.3	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.	4.3	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.	4.3	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.	6.0	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.	10.0	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.	12.4	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.	11.3	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.	12.7	150
17	Degradation of the anti-inflammatory drug ibuprofen by electro-peroxone process. <i>Water Research</i> , 2014, 63, 81-93.	11.3	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.	11.3	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.	2.8	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.	8.0	144
21	Organoarsenicals in poultry litter: Detection, fate, and toxicity. <i>Environment International</i> , 2015, 75, 68-80.	10.0	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.	8.0	139
23	Effective degradation of methylene blue by a novel electrochemically driven process. <i>Electrochemistry Communications</i> , 2013, 29, 48-51.	4.7	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.	8.0	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.	12.4	135
26	Advanced oxidation processes: Performance, advantages, and scale-up of emerging technologies. <i>Journal of Environmental Management</i> , 2022, 316, 115295.	7.8	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.	12.7	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.	11.3	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.	11.3	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.	20.2	125
31	Activated carbons prepared from peanut shell and sunflower seed shell for high CO ₂ adsorption. <i>Adsorption</i> , 2015, 21, 125-133.	3.0	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.	12.7	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.	8.0	122
34	Removal of pharmaceuticals from secondary effluents by an electro-peroxone process. <i>Water Research</i> , 2016, 88, 826-835.	11.3	118
35	Effective degradation of refractory organic pollutants in landfill leachate by electro-peroxone treatment. <i>Electrochimica Acta</i> , 2013, 102, 174-182.	5.2	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.	11.3	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.	4.9	108
38	Cr(VI) adsorption by montmorillonite nanocomposites. <i>Applied Clay Science</i> , 2016, 124-125, 111-118.	5.2	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.	7.9	106
40	The electro-peroxone process for the abatement of emerging contaminants: Mechanisms, recent advances, and prospects. <i>Chemosphere</i> , 2018, 208, 640-654.	8.2	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.	12.4	101
42	Enhanced degradation of organic contaminants in water by peroxydisulfate coupled with bisulfite. <i>Journal of Hazardous Materials</i> , 2017, 328, 98-107.	12.4	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.	8.2	99
44	Highly selective removal of nitrate and perchlorate by organoclay. <i>Applied Clay Science</i> , 2014, 95, 126-132.	5.2	98
45	Activation of persulfate by modified drinking water treatment residuals for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2018, 353, 490-498.	12.7	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.	12.7	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.	20.2	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.	11.3	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.	20.2	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.	11.3	92
51	Typical pharmaceuticals in major WWTPs in Beijing, China: Occurrence, load pattern and calculation reliability. <i>Water Research</i> , 2018, 140, 291-300.	11.3	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.	20.2	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.	11.3	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.	12.4	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.	10.0	84
56	Roxarsone binding to soil-derived dissolved organic matter: Insights from multi-spectroscopic techniques. <i>Chemosphere</i> , 2016, 155, 225-233.	8.2	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.	12.7	82
58	Sorption behavior and mechanism of organophosphate flame retardants on activated carbons. <i>Chemical Engineering Journal</i> , 2018, 332, 286-292.	12.7	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.	3.6	81
60	Prediction of micropollutant abatement during homogeneous catalytic ozonation by a chemical kinetic model. <i>Water Research</i> , 2018, 142, 383-395.	11.3	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.	10.0	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.	12.4	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.	11.3	77
64	Selective and Fast Adsorption of Perfluorooctanesulfonate from Wastewater by Magnetic Fluorinated Vermiculite. <i>Environmental Science & Technology</i> , 2017, 51, 8027-8035.	10.0	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.	4.3	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.	12.4	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.	11.3	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.	7.9	73
69	Oxidation of emerging biocides and antibiotics in wastewater by ozonation and the electro-peroxone process. <i>Chemosphere</i> , 2019, 235, 575-585.	8.2	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.	6.0	72
71	Removal of micropollutants by an electrochemically driven UV/chlorine process for decentralized water treatment. <i>Water Research</i> , 2020, 183, 116115.	11.3	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.	10.0	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.	5.3	68
74	Electro-peroxone treatment of the antidepressant venlafaxine: Operational parameters and mechanism. <i>Journal of Hazardous Materials</i> , 2015, 300, 298-306.	12.4	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.	11.3	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.	12.4	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.	3.6	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.	9.4	66
79	Improving the conversion of biomass in catalytic fast pyrolysis via white-rot fungal pretreatment. <i>Bioresource Technology</i> , 2013, 134, 198-203.	9.6	65
80	Emerging contaminants in landfill leachate and their sustainable management. <i>Environmental Earth Sciences</i> , 2015, 73, 1357-1368.	2.7	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.	10.0	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.	3.1	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.	8.0	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.	9.4	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.	11.3	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.	12.7	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.	10.0	59
88	Ozonation of indomethacin: Kinetics, mechanisms and toxicity. <i>Journal of Hazardous Materials</i> , 2017, 323, 460-470.	12.4	59
89	Evaluation of the concentration and contribution of superoxide radical for micropollutant abatement during ozonation. <i>Water Research</i> , 2021, 194, 116927.	11.3	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.	10.3	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.	12.7	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.	5.2	53
93	Enhancement of biomass conversion in catalytic fast pyrolysis by microwave-assisted formic acid pretreatment. <i>Bioresource Technology</i> , 2016, 214, 520-527.	9.6	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.	8.0	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.	10.0	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.	12.4	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.	6.0	51
98	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , 2016, 144, 1384-1390.	8.2	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.	4.3	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.	7.5	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.	12.7	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.	12.7	50
103	Efficient removal of perfluorooctane sulfonate from aqueous film-forming foam solution by aeration-foam collection. <i>Chemosphere</i> , 2018, 203, 263-270.	8.2	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.	12.4	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.	12.7	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.	20.2	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.	8.0	49
108	Enhanced degradation of organic contaminants by Fe(III)/peroxymonosulfate process with L-cysteine. <i>Chinese Chemical Letters</i> , 2022, 33, 2125-2128.	9.0	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. Separation and Purification Technology, 2013, 107, 281-288.	7.9	48
110	Activation of periodate by granular activated carbon for acid orange 7 decolorization. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 211-217.	5.3	48
111	Enhanced activation of periodate by iodine-doped granular activated carbon for organic contaminant degradation. Chemosphere, 2017, 181, 609-618.	8.2	48
112	Defect engineered oxides for enhanced mechanochemical destruction of halogenated organic pollutants. Chemosphere, 2017, 184, 879-883.	8.2	47
113	Pharmaceuticals and personal care products (PPCPs) in urban and suburban rivers of Beijing, China: occurrence, source apportionment and potential ecological risk. Environmental Sciences: Processes and Impacts, 2016, 18, 445-455.	3.5	46
114	Ozonation of antidepressant fluoxetine and its metabolite product norfluoxetine: Kinetics, intermediates and toxicity. Chemical Engineering Journal, 2017, 316, 951-963.	12.7	45
115	Fast and high adsorption of Ni(II) on vermiculite-based nanoscale hydrated zirconium oxides. Chemical Engineering Journal, 2019, 360, 1150-1157.	12.7	45
116	Sodium persulfate-assisted mechanochemical degradation of tetrabromobisphenol A: Efficacy, products and pathway. Chemosphere, 2016, 150, 551-558.	8.2	44
117	Inhibition of polymer formation in electrochemical degradation of p-nitrophenol by combining electrolysis with ozonation. Chemical Engineering Journal, 2014, 252, 17-21.	12.7	43
118	Enhancing the performance of pollution degradation through secondary self-assembled composite supramolecular heterojunction photocatalyst BiOCl/PDI under visible light irradiation. Chemosphere, 2020, 253, 126751.	8.2	43
119	Preparation of porous graphene oxide by chemically intercalating a rigid molecule for enhanced removal of typical pharmaceuticals. Carbon, 2017, 119, 101-109.	10.3	42
120	Challenges and pitfalls in the investigation of the catalytic ozonation mechanism: A critical review. Journal of Hazardous Materials, 2022, 436, 129157.	12.4	42
121	Characterization of Hydrocarbon Emissions from Green Sand Foundry Core Binders by Analytical Pyrolysis. Environmental Science & Technology, 2007, 41, 7922-7927.	10.0	41
122	Linking the environmental loads to the fate of PPCPs in Beijing: Considering both the treated and untreated wastewater sources. Environmental Pollution, 2015, 202, 153-159.	7.5	40
123	Adsorptive removal of organophosphate flame retardants from water by non-ionic resins. Chemical Engineering Journal, 2018, 354, 105-112.	12.7	40
124	Comparison of Hydroxyl Radical Generation for Various Advanced Oxidation Combinations as Applied to Foundries. Ozone: Science and Engineering, 2007, 29, 461-471.	2.5	39
125	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. Chemosphere, 2017, 168, 272-278.	8.2	39
126	Highly efficient removal of hexavalent chromium from electroplating wastewater using aminated wheat straw. RSC Advances, 2016, 6, 8797-8805.	3.6	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.	3.7	38
128	Modelling of emerging contaminant removal during heterogeneous catalytic ozonation using chemical kinetic approaches. <i>Journal of Hazardous Materials</i> , 2019, 380, 120888.	12.4	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.	3.7	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, 120888.	3.6	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.	12.4	37
132	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. <i>Engineering</i> , 2022, 11, 111-125.	6.7	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.	8.2	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.	10.3	35
135	Emission of unintentionally produced persistent organic pollutants (UPOP)s from municipal waste incinerators in China. <i>Chemosphere</i> , 2016, 158, 17-23.	8.2	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.	6.0	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.	12.4	33
138	Organophosphate flame retardants in leachates from six municipal landfills across China. <i>Chemosphere</i> , 2019, 218, 836-844.	8.2	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.	6.0	32
140	Bromate removal from water by polypyrrole tailored activated carbon. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 10-16.	9.4	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.	7.5	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.	12.7	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.	12.7	31
144	Hazardous Air Pollutant Formation from Pyrolysis of Typical Chinese Casting Materials. <i>Environmental Science & Technology</i> , 2011, 45, 6539-6544.	10.0	30

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145	Sequential reduction/oxidation of azo dyes in a three-dimensional biofilm electrode reactor. Chemosphere, 2017, 186, 287-294.	8.2	29
146	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.	9.4	29
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