

Zunyao Wang

List of Publications by Year in descending order

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167
papers

7,731
citations

34016

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64668

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169
all docs

169
docs citations

169
times ranked

6089
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of anions on ozonation of bisphenol AF: Kinetics, reaction pathways, and toxicity assessment. <i>Chemosphere</i> , 2022, 286, 131864.	4.2	10
2	Role of inorganic ions on the removal efficiencies, transformation and mineralization of tert-butylhydroquinone (TBHQ) oxidized by Fe(VI). <i>Chemical Engineering Journal</i> , 2022, 429, 132169.	6.6	3
3	Ferrate(VI) oxidation of bisphenol A—Kinetics, removal performance, and dihydroxylation mechanism. <i>Water Research</i> , 2022, 210, 118025.	5.3	50
4	Efficient photocatalytic degradation of PFOA in N-doped In ₂ O ₃ /simulated sunlight irradiation system and its mechanism. <i>Chemical Engineering Journal</i> , 2022, 435, 134627.	6.6	28
5	Degradation of pentachlorophenol in peroxymonosulfate/heat system: Kinetics, mechanism, and theoretical calculations. <i>Chemical Engineering Journal</i> , 2022, 434, 134736.	6.6	49
6	Photochemical transformation of hexachlorobenzene (HCB) in solid-water system: Kinetics, mechanism and toxicity evaluation. <i>Chemosphere</i> , 2022, 295, 133907.	4.2	10
7	The environmental fate of biomass associated polybrominated diphenyl ethers. <i>Chemosphere</i> , 2022, 299, 134397.	4.2	3
8	Electrochemical oxidation combined with UV irradiation for synergistic removal of perfluorooctane sulfonate (PFOS) in water. <i>Journal of Hazardous Materials</i> , 2022, 436, 129091.	6.5	3
9	Kinetics and reaction pathways for the transformation of 4-tert-butylphenol by ferrate(VI). <i>Journal of Hazardous Materials</i> , 2021, 401, 123405.	6.5	41
10	Mixed oxidation of aqueous nonylphenol and triclosan by thermally activated persulfate: Reaction kinetics and formation of co-oligomerization products. <i>Chemical Engineering Journal</i> , 2021, 403, 126396.	6.6	102
11	Transformation of bromophenols by aqueous chlorination and exploration of main reaction mechanisms. <i>Chemosphere</i> , 2021, 265, 129112.	4.2	26
12	Oxidation of benzophenone-3 in aqueous solution by potassium permanganate: kinetics, degradation products, reaction pathways, and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31301-31311.	2.7	39
13	Products distribution and contribution of (de)chlorination, hydroxylation and coupling reactions to 2,4-dichlorophenol removal in seven oxidation systems. <i>Water Research</i> , 2021, 194, 116916.	5.3	60
14	Effective degradation of 2,4-dihydroxybenzophenone by zero-valent iron powder (Fe ⁰)-activated persulfate in aqueous solution: Kinetic study, product identification and theoretical calculations. <i>Science of the Total Environment</i> , 2021, 771, 144743.	3.9	72
15	Transformation of bisphenol AF by chlorination: kinetic study and product identification. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62519-62529.	2.7	3
16	New Findings of Ferrate(VI) Oxidation Mechanism from Its Degradation of Alkene Imidazole Ionic Liquids. <i>Environmental Science & Technology</i> , 2021, 55, 11733-11744.	4.6	34
17	Photochemical transformation of decachlorobiphenyl (PCB-209) on the surface of microplastics in aqueous solution. <i>Chemical Engineering Journal</i> , 2021, 420, 129813.	6.6	25
18	Preparation of nitrogen doped silica photocatalyst for enhanced photodegradation of polychlorinated biphenyls (PCB-209). <i>Chemical Engineering Journal</i> , 2021, 425, 131682.	6.6	16

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19	Ferrate (VI)-mediated transformation of diethyl phthalate (DEP) in soil: Kinetics, degradation mechanisms and theoretical calculation. <i>Environmental Pollution</i> , 2021, 290, 118053.	3.7	13
20	Experimental and quantum chemical study on the transformation behavior of bisphenol S by radical-driven persulfate oxidation. <i>Environmental Science: Water Research and Technology</i> , 2021, 8, 116-126.	1.2	2
21	Visible light and fulvic acid assisted generation of Mn(III) to oxidize bisphenol A: The effect of tetrabromobisphenol A. <i>Water Research</i> , 2020, 169, 115273.	5.3	42
22	Kinetics and mechanism analysis for the photodegradation of PFOA on different solid particles. <i>Chemical Engineering Journal</i> , 2020, 383, 123115.	6.6	15
23	Oxidative Oligomerization of Phenolic Endocrine Disrupting Chemicals Mediated by Mn(III)-L Complexes and the Role of Phenoxyl Radicals in the Enhanced Removal: Experimental and Theoretical Studies. <i>Environmental Science & Technology</i> , 2020, 54, 1573-1582.	4.6	31
24	A combined experimental and computational study on the oxidative degradation of bromophenols by Fe(VI) and the formation of self-coupling products. <i>Environmental Pollution</i> , 2020, 258, 113678.	3.7	31
25	The influence of humic and fulvic acids on Cd bioavailability to wheat cultivars grown on sewage irrigated Cd-contaminated soils. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111347.	2.9	18
26	Effects of common inorganic anions on the ozonation of polychlorinated diphenyl sulfides on silica gel: Kinetics, mechanisms, and theoretical calculations. <i>Water Research</i> , 2020, 186, 116358.	5.3	42
27	Removal of 4-chlorophenol, bisphenol A and nonylphenol mixtures by aqueous chlorination and formation of coupling products. <i>Chemical Engineering Journal</i> , 2020, 402, 126140.	6.6	35
28	Enhanced oxidative degradation of decabromodiphenyl ether in soil by coupling Fenton-persulfate processes: Insights into degradation products and reaction mechanisms. <i>Science of the Total Environment</i> , 2020, 737, 139777.	3.9	16
29	Degradation of sulfadimethoxine in phosphate buffer solution by UV alone, UV/PMS and UV/H ₂ O ₂ : Kinetics, degradation products, and reaction pathways. <i>Chemical Engineering Journal</i> , 2020, 398, 125357.	6.6	88
30	Alumina-mediated photocatalytic degradation of hexachlorobenzene in aqueous system: Kinetics and mechanism. <i>Chemosphere</i> , 2020, 257, 127256.	4.2	18
31	Fe-Activated Peroxymonosulfate Enhances the Degradation of Dibutyl Phthalate on Ground Quartz Sand. <i>Environmental Science & Technology</i> , 2020, 54, 9052-9061.	4.6	71
32	Photodegradation of polychlorinated diphenyl sulfides (PCDPSs) under simulated solar light irradiation: Kinetics, mechanism, and density functional theory calculations. <i>Journal of Hazardous Materials</i> , 2020, 398, 122876.	6.5	17
33	KMnO ₄ -mediated reactions for hexachlorophene in aqueous solutions: Direct oxidation, self-coupling, and cross-coupling. <i>Chemosphere</i> , 2020, 259, 127422.	4.2	8
34	Oxidation of flumequine in aqueous solution by UV-activated peroxymonosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. <i>Chemosphere</i> , 2019, 237, 124484.	4.2	58
35	Photodegradation of decabromodiphenyl ethane (DBDPE) adsorbed on silica gel in aqueous solution: Kinetics, products, and theoretical calculations. <i>Chemical Engineering Journal</i> , 2019, 375, 121918.	6.6	6
36	Photochemical behavior of benzophenone sunscreens induced by nitrate in aquatic environments. <i>Water Research</i> , 2019, 153, 178-186.	5.3	66

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37	The photodegradation of 1,3,6,8-tetrabromocarbazole in n-hexane and in solid-mediated aqueous system: Kinetics and transformation mechanisms. <i>Chemical Engineering Journal</i> , 2019, 375, 121986.	6.6	24
38	Photochemical formation of hydroxylated polychlorinated biphenyls (OH-PCBs) from decachlorobiphenyl (PCB-209) on solids/air interface. <i>Journal of Hazardous Materials</i> , 2019, 378, 120758.	6.5	20
39	Formation of hydroxylated derivatives and coupling products from the photochemical transformation of polyfluorinated dibenzo-p-dioxins (PFDDs) on silica surfaces. <i>Chemosphere</i> , 2019, 231, 72-81.	4.2	5
40	Mechanistic insights into the reactivity of Ferrate(VI) with phenolic compounds and the formation of coupling products. <i>Water Research</i> , 2019, 158, 338-349.	5.3	82
41	Kinetics and mechanism of the oxidative degradation of parathion by Ferrate(VI). <i>Chemical Engineering Journal</i> , 2019, 365, 142-152.	6.6	49
42	Degradation of sulfadimethoxine by permanganate in aquatic environment: Influence factors, intermediate products and theoretical study. <i>Science of the Total Environment</i> , 2019, 671, 705-713.	3.9	36
43	Ozonation of pentabromophenol in aqueous basic medium: Kinetics, pathways, mechanism, dimerization and toxicity assessment. <i>Chemosphere</i> , 2019, 220, 546-555.	4.2	42
44	Photodegradation of polychlorinated diphenyl sulfides mediated by reactive oxygen species on silica gel. <i>Chemical Engineering Journal</i> , 2019, 359, 1056-1064.	6.6	27
45	Enhanced degradation performance of bisphenol M using peroxymonosulfate activated by zero-valent iron in aqueous solution: Kinetic study and product identification. <i>Chemosphere</i> , 2019, 221, 314-323.	4.2	42
46	Effective degradation of fenitrothion by zero-valent iron powder (Fe ⁰) activated persulfate in aqueous solution: Kinetic study and product identification. <i>Chemical Engineering Journal</i> , 2019, 358, 1479-1488.	6.6	108
47	Oxidative degradation of chlorpyrifos using ferrate(VI): Kinetics and reaction mechanism. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 259-266.	2.9	64
48	Removal of the UV Filter Benzophenone-2 in Aqueous Solution by Ozonation: Kinetics, Intermediates, Pathways and Toxicity. <i>Ozone: Science and Engineering</i> , 2018, 40, 122-132.	1.4	18
49	Phototransformation of estrogens mediated by Mn(III), not by reactive oxygen species, in the presence of humic acids. <i>Chemosphere</i> , 2018, 201, 224-233.	4.2	41
50	The mutual promotion of photolysis and laccase-catalysis on removal of dichlorophen from water under simulated sunlight irradiation. <i>Chemical Engineering Journal</i> , 2018, 338, 392-400.	6.6	16
51	The pH-dependent toxicity of triclosan to five aquatic organisms (<i>Daphnia magna</i> , <i>Photobacterium</i>) <i>TJ ETQq1 1 0.784314 rgBT /Overl</i> and <i>Pollution Research</i> , 2018, 25, 9636-9646.	2.7	31
52	Degradation of the UV-filter benzophenone-3 in aqueous solution using persulfate activated by heat, metal ions and light. <i>Chemosphere</i> , 2018, 196, 95-104.	4.2	136
53	Degradation kinetics and transformation products of chlorophene by aqueous permanganate. <i>Water Research</i> , 2018, 138, 293-300.	5.3	62
54	Metal-mediated oxidation of fluoroquinolone antibiotics in water: A review on kinetics, transformation products, and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2018, 344, 1136-1154.	6.5	138

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55	Mechanism insights into the oxidative degradation of decabromodiphenyl ethane by potassium permanganate in acidic conditions. <i>Chemical Engineering Journal</i> , 2018, 332, 267-276.	6.6	50
56	Fe(VI)-Mediated Single-Electron Coupling Processes for the Removal of Chlorophene: A Combined Experimental and Computational Study. <i>Environmental Science & Technology</i> , 2018, 52, 12592-12601.	4.6	53
57	Enhanced Removal of Chlorophene and 17 β -estradiol by Mn(III) in a Mixture Solution with Humic Acid: Investigation of Reaction Kinetics and Formation of Co-oligomerization Products. <i>Environmental Science & Technology</i> , 2018, 52, 13222-13230.	4.6	63
58	Kinetics and mechanism insights into the photodegradation of hydroperfluorocarboxylic acids in aqueous solution. <i>Chemical Engineering Journal</i> , 2018, 348, 644-652.	6.6	35
59	Understanding the ozonated degradation of sulfadimethoxine, exploration of reaction site, and classification of degradation products. <i>Chemosphere</i> , 2018, 212, 228-236.	4.2	29
60	Photodegradation of 17 β -estradiol on silica gel and natural soil by UV treatment. <i>Environmental Pollution</i> , 2018, 242, 1236-1244.	3.7	11
61	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. <i>Environmental Science & Technology</i> , 2018, 52, 7220-7229.	4.6	171
62	Degradation of aqueous 2,4,4-trihydroxybenzophenone by persulfate activated with nitrogen doped carbonaceous materials and the formation of dimer products. <i>Water Research</i> , 2018, 143, 176-187.	5.3	165
63	Ferrate(VI) oxidation of polychlorinated diphenyl sulfides: Kinetics, degradation, and oxidized products. <i>Water Research</i> , 2018, 143, 1-9.	5.3	81
64	In vivo metabolism of organophosphate flame retardants and distribution of their main metabolites in adult zebrafish. <i>Science of the Total Environment</i> , 2017, 590-591, 50-59.	3.9	67
65	Activation of ferrate(VI) by ammonia in oxidation of flumequine: Kinetics, transformation products, and antibacterial activity assessment. <i>Chemical Engineering Journal</i> , 2017, 323, 584-591.	6.6	73
66	Degradation of UV-filter benzophenone-3 in aqueous solution using persulfate catalyzed by cobalt ferrite. <i>Chemical Engineering Journal</i> , 2017, 326, 1197-1209.	6.6	106
67	Degradation of octafluorodibenzo-p-dioxin by UV/Fe(II)/potassium monopersulfate system: Kinetics, influence of coexisting chemicals, degradation products and pathways. <i>Chemical Engineering Journal</i> , 2017, 319, 98-107.	6.6	40
68	Factors controlling the rate of perfluorooctanoic acid degradation in laccase-mediator systems: The impact of metal ions. <i>Environmental Pollution</i> , 2017, 224, 649-657.	3.7	20
69	Catalytic effect of low concentration carboxylated multi-walled carbon nanotubes on the oxidation of disinfectants with Cl-substituted structure by a Fenton-like system. <i>Chemical Engineering Journal</i> , 2017, 321, 325-334.	6.6	50
70	Synergistic effect of aqueous removal of fluoroquinolones by a combined use of peroxydisulfate and ferrate(VI). <i>Chemosphere</i> , 2017, 177, 144-148.	4.2	109
71	Solid surface-mediated photochemical transformation of decabromodiphenyl ether (BDE-209) in aqueous solution. <i>Water Research</i> , 2017, 125, 114-122.	5.3	92
72	Thermal- and photo-induced degradation of perfluorinated carboxylic acids: Kinetics and mechanism. <i>Water Research</i> , 2017, 126, 12-18.	5.3	37

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73	The laccase-like reactivity of manganese oxide nanomaterials for pollutant conversion: rate analysis and cyclic voltammetry. <i>Scientific Reports</i> , 2017, 7, 7756.	1.6	31
74	Enhanced degradation performance of sulfisoxazole using peroxymonosulfate activated by copper-cobalt oxides in aqueous solution: Kinetic study and products identification. <i>Chemical Engineering Journal</i> , 2017, 330, 345-354.	6.6	127
75	Oxidation of Tris (2-chloroethyl) phosphate in aqueous solution by UV-activated peroxymonosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. <i>Chemosphere</i> , 2017, 185, 833-843.	4.2	88
76	The OH-initiated atmospheric chemical reactions of polyfluorinated dibenzofurans and polychlorinated dibenzofurans: A comparative theoretical study. <i>Chemosphere</i> , 2017, 168, 10-17.	4.2	3
77	Catalytic degradation of 2-phenylbenzimidazole-5-sulfonic acid by peroxymonosulfate activated with nitrogen and sulfur co-doped CNTs-COOH loaded CuFe ₂ O ₄ . <i>Chemical Engineering Journal</i> , 2017, 307, 95-104.	6.6	109
78	Photodegradation of Polyfluorinated Dibenzo-p-Dioxins in Organic Solvents: Experimental and Theoretical Studies. <i>Environmental Science & Technology</i> , 2016, 50, 8128-8134.	4.6	62
79	Ozonation of the UV filter benzophenone-4 in aquatic environments: Intermediates and pathways. <i>Chemosphere</i> , 2016, 149, 76-83.	4.2	24
80	The toxic effect and bioaccumulation in aquatic oligochaete <i>Limnodrilus hoffmeisteri</i> after combined exposure to cadmium and perfluorooctane sulfonate at different pH values. <i>Chemosphere</i> , 2016, 152, 496-502.	4.2	29
81	Laccase-catalyzed removal of the antimicrobials chlorophene and dichlorophen from water: Reaction kinetics, pathway and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2016, 317, 81-89.	6.5	46
82	Catalytic degradation of diethyl phthalate in aqueous solution by persulfate activated with nano-scaled magnetic CuFe ₂ O ₄ /MWCNTs. <i>Chemical Engineering Journal</i> , 2016, 301, 1-11.	6.6	286
83	Theoretical study on the OH-initiated oxidation mechanism of polyfluorinated dibenzo-p-dioxins under the atmospheric conditions. <i>Chemosphere</i> , 2016, 144, 2036-2043.	4.2	15
84	Toxicity of Arsenic to <i>Photobacterium phosphoreum</i> , <i>Daphnia magna</i> , and <i>Danio rerio</i> at Different pH Levels. <i>Clean - Soil, Air, Water</i> , 2016, 44, 72-77.	0.7	7
85	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids. <i>Water Research</i> , 2016, 104, 34-43.	5.3	78
86	Degradation of fluoroquinolone antibiotics by ferrate(VI): Effects of water constituents and oxidized products. <i>Water Research</i> , 2016, 103, 48-57.	5.3	206
87	Oxidative degradation of triclosan by potassium permanganate: Kinetics, degradation products, reaction mechanism, and toxicity evaluation. <i>Water Research</i> , 2016, 103, 215-223.	5.3	165
88	TPhP exposure disturbs carbohydrate metabolism, lipid metabolism, and the DNA damage repair system in zebrafish liver. <i>Scientific Reports</i> , 2016, 6, 21827.	1.6	92
89	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , 2016, 144, 1754-1762.	4.2	18
90	Effect of decabromodiphenyl ether (BDE-209) on a soil-biota system: Role of earthworms and ryegrass. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1349-1357.	2.2	3

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91	Antioxidant defenses and histological changes in <i>Carassius auratus</i> after combined exposure to zinc and three multi-walled carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 61-71.	2.9	25
92	Toxicity and bioaccumulation of copper in <i>Limnodrilus hoffmeisteri</i> under different pH values: Impacts of perfluorooctane sulfonate. <i>Journal of Hazardous Materials</i> , 2016, 305, 219-228.	6.5	22
93	Nitrogen and sulfur co-doped CNT-COOH as an efficient metal-free catalyst for the degradation of UV filter BP-4 based on sulfate radicals. <i>Applied Catalysis B: Environmental</i> , 2016, 187, 1-10.	10.8	200
94	Effect of different carbon nanotubes on cadmium toxicity to <i>Daphnia magna</i> : The role of catalyst impurities and adsorption capacity. <i>Environmental Pollution</i> , 2016, 208, 732-738.	3.7	57
95	Effects of <i>in vivo</i> exposure to polyfluorinated dibenzo-p-dioxins on organo-somatic indices and ethoxyresorufin-O-deethylase activity in mice (<i>Mus musculus</i>). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 150-153.	0.9	3
96	Responses of antioxidant defense system to polyfluorinated dibenzo-p-dioxins (PFDDs) exposure in liver of freshwater fish <i>Carassius auratus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 170-176.	2.9	25
97	Aqueous photodegradation of antibiotic florfenicol: kinetics and degradation pathway studies. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6982-6989.	2.7	33
98	Oxidation of disinfectants with Cl-substituted structure by a Fenton-like system Cu ²⁺ /H ₂ O ₂ and analysis on their structure-reactivity relationship. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1898-1904.	2.7	21
99	Fast removal of the antibiotic flumequine from aqueous solution by ozonation: Influencing factors, reaction pathways, and toxicity evaluation. <i>Science of the Total Environment</i> , 2016, 541, 167-175.	3.9	71
100	Evaluation of single and joint toxicity of perfluorooctane sulfonate and zinc to <i>Limnodrilus hoffmeisteri</i> : Acute toxicity, bioaccumulation and oxidative stress. <i>Journal of Hazardous Materials</i> , 2016, 301, 342-349.	6.5	40
101	Rapid Removal of Tetrabromobisphenol A by Ozonation in Water: Oxidation Products, Reaction Pathways and Toxicity Assessment. <i>PLoS ONE</i> , 2015, 10, e0139580.	1.1	49
102	Hepatic oxidative stress biomarker responses in freshwater fish <i>Carassius auratus</i> exposed to four benzophenone UV filters. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 116-122.	2.9	61
103	Acute toxicity of benzophenone-type UV filters for <i>Photobacterium phosphoreum</i> and <i>Daphnia magna</i> : QSAR analysis, interspecies relationship and integrated assessment. <i>Chemosphere</i> , 2015, 135, 182-188.	4.2	66
104	Characterization of the thermolysis products of Nafion membrane: A potential source of perfluorinated compounds in the environment. <i>Scientific Reports</i> , 2015, 5, 9859.	1.6	77
105	Occurrence of Polychlorodibenzothiophenes in Nanjing Section of the Yangtze River, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 453-460.	2.1	8
106	Acute and chronic toxicity of tetrabromobisphenol A to three aquatic species under different pH conditions. <i>Aquatic Toxicology</i> , 2015, 164, 145-154.	1.9	25
107	Assessment of bromide-based ionic liquid toxicity toward aquatic organisms and QSAR analysis. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 112-118.	2.9	72
108	Evaluation of single and joint toxicity of perfluorooctane sulfonate, perfluorooctanoic acid, and copper to <i>Carassius auratus</i> using oxidative stress biomarkers. <i>Aquatic Toxicology</i> , 2015, 161, 108-116.	1.9	60

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109	Aryl organophosphate flame retardants induced cardiotoxicity during zebrafish embryogenesis: By disturbing expression of the transcriptional regulators. <i>Aquatic Toxicology</i> , 2015, 161, 25-32.	1.9	151
110	Occurrence of polychlorinated diphenyl ethers in Nanjing section of the Yangtze River: level and distribution pattern. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9224-9232.	2.7	9
111	Antioxidant status and Na ⁺ , K ⁺ -ATPase activity in freshwater fish <i>Carassius auratus</i> exposed to different combustion products of Nafion 117 membrane: an integrated biomarker approach. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3408-3418.	2.7	6
112	Hepatic oxidative stress and catalyst metals accumulation in goldfish exposed to carbon nanotubes under different pH levels. <i>Aquatic Toxicology</i> , 2015, 160, 142-150.	1.9	32
113	Laccase-Catalyzed Degradation of Perfluorooctanoic Acid. <i>Environmental Science and Technology Letters</i> , 2015, 2, 198-203.	3.9	60
114	Formation of Halogenated Polyaromatic Compounds by Laccase Catalyzed Transformation of Halophenols. <i>Environmental Science & Technology</i> , 2015, 49, 8550-8557.	4.6	55
115	Oxidative Degradation of Decabromodiphenyl Ether (BDE 209) by Potassium Permanganate: Reaction Pathways, Kinetics, and Mechanisms Assisted by Density Functional Theory Calculations. <i>Environmental Science & Technology</i> , 2015, 49, 4209-4217.	4.6	90
116	Experimental investigation on the soil sorption properties and hydrophobicity of polymethoxylated, polyhydroxylated diphenyl ethers and methoxylated-, hydroxylated-polychlorinated diphenyl ethers. <i>Chemosphere</i> , 2015, 134, 84-90.	4.2	7
117	Degradation of flumequine in aqueous solution by persulfate activated with common methods and polyhydroquinone-coated magnetite/multi-walled carbon nanotubes catalysts. <i>Water Research</i> , 2015, 85, 1-10.	5.3	225
118	Tissue distribution, excretion, and the metabolic pathway of 2,2,4,4,5-penta-chlorinated diphenylsulfide (CDPS-99) in ICR mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 90-97.	1.2	6
119	A comparative study on antioxidant status combined with integrated biomarker response in <i>Carassius auratus</i> fish exposed to nine phthalates. <i>Environmental Toxicology</i> , 2015, 30, 1125-1134.	2.1	35
120	Ozonation of indigo enhanced by carboxylated carbon nanotubes: Performance optimization, degradation products, reaction mechanism and toxicity evaluation. <i>Water Research</i> , 2015, 68, 316-327.	5.3	130
121	Hepatic Transcriptome Responses in Mice (<i>Mus musculus</i>) Exposed to the Nafion Membrane and Its Combustion Products. <i>PLoS ONE</i> , 2015, 10, e0128591.	1.1	3
122	Evaluation of HODE-15, FDE-15, CDE-15, and BDE-15 toxicity on adult and embryonic zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2015, 22, 1181-1191.	2.7	18
123	Biochemical biomarkers in liver and gill tissues of freshwater fish <i>Carassius auratus</i> following <i>in vivo</i> exposure to hexabromobenzene. <i>Environmental Toxicology</i> , 2014, 29, 1460-1470.	2.1	24
124	The effects of hydroxylated multiwalled carbon nanotubes on the toxicity of nickel to <i>Daphnia magna</i> under different pH levels. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2522-2528.	2.2	16
125	Subacute oral toxicity of BDE-15, CDE-15, and HODE-15 in ICR male mice: assessing effects on hepatic oxidative stress and metals status and ascertaining the protective role of vitamin E. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1924-1935.	2.7	29
126	Metal accumulation and oxidative stress biomarkers in liver of freshwater fish <i>Carassius auratus</i> following <i>in vivo</i> exposure to waterborne zinc under different pH values. <i>Aquatic Toxicology</i> , 2014, 150, 9-16.	1.9	113

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127	Effect of water quality on mercury toxicity to <i>Photobacterium phosphoreum</i> : Model development and its application in natural waters. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 231-238.	2.9	20
128	Metal accumulation and antioxidant defenses in the freshwater fish <i>Carassius auratus</i> in response to single and combined exposure to cadmium and hydroxylated multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2014, 275, 89-98.	6.5	77
129	Hepatic oxidative status and metal homeostasis disturbance of 2-hydroxylated dioxin in ICR mice. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 881-890.	2.0	1
130	Occurrence of Polychlorinated Diphenyl Sulfides (PCDPSs) in Surface Sediments and Surface Water from the Nanjing Section of the Yangtze River. <i>Environmental Science & Technology</i> , 2014, 48, 11429-11436.	4.6	37
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