## Zunyao Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Influence of anions on ozonation of bisphenol AF: Kinetics, reaction pathways, and toxicity assessment. Chemosphere, 2022, 286, 131864.	8.2	10
2	Role of inorganic ions on the removal efficiencies, transformation and mineralization of tert-butylhydroquinone (TBHQ) oxidized by Fe(VI). Chemical Engineering Journal, 2022, 429, 132169.	12.7	3
3	Ferrate(VI) oxidation of bisphenol E–Kinetics, removal performance, and dihydroxylation mechanism. Water Research, 2022, 210, 118025.	11.3	50
4	Efficient photocatalytic degradation of PFOA in N-doped In2O3/simulated sunlight irradiation system and its mechanism. Chemical Engineering Journal, 2022, 435, 134627.	12.7	28
5	Degradation of pentachlorophenol in peroxymonosulfate/heat system: Kinetics, mechanism, and theoretical calculations. Chemical Engineering Journal, 2022, 434, 134736.	12.7	49
6	Photochemical transformation of hexachlorobenzene (HCB) in solid-water system: Kinetics, mechanism and toxicity evaluation. Chemosphere, 2022, 295, 133907.	8.2	10
7	The environmental fate of biomass associated polybrominated diphenyl ethers. Chemosphere, 2022, 299, 134397.	8.2	3
8	Electrochemical oxidation combined with UV irradiation for synergistic removal of perfluorooctane sulfonate (PFOS) in water. Journal of Hazardous Materials, 2022, 436, 129091.	12.4	3
9	Kinetics and reaction pathways for the transformation of 4-tert-butylphenol by ferrate(VI). Journal of Hazardous Materials, 2021, 401, 123405.	12.4	41
10	Mixed oxidation of aqueous nonylphenol and triclosan by thermally activated persulfate: Reaction kinetics and formation of co-oligomerization products. Chemical Engineering Journal, 2021, 403, 126396.	12.7	102
11	Transformation of bromophenols by aqueous chlorination and exploration of main reaction mechanisms. Chemosphere, 2021, 265, 129112.	8.2	26
12	Oxidation of benzophenone-3 in aqueous solution by potassium permanganate: kinetics, degradation products, reaction pathways, and toxicity assessment. Environmental Science and Pollution Research, 2021, 28, 31301-31311.	5.3	39
13	Products distribution and contribution of (de)chlorination, hydroxylation and coupling reactions to 2,4-dichlorophenol removal in seven oxidation systems. Water Research, 2021, 194, 116916.	11.3	60
14	Effective degradation of 2,4-dihydroxybenzophenone by zero–valent iron powder (FeO)-activated persulfate in aqueous solution: Kinetic study, product identification and theoretical calculations. Science of the Total Environment, 2021, 771, 144743.	8.0	72
15	Transformation of bisphenol AF by chlorination: kinetic study and product identification. Environmental Science and Pollution Research, 2021, 28, 62519-62529.	5.3	3
16	New Findings of Ferrate(VI) Oxidation Mechanism from Its Degradation of Alkene Imidazole Ionic Liquids. Environmental Science & Technology, 2021, 55, 11733-11744.	10.0	34
17	Photochemical transformation of decachlorobiphenyl (PCB-209) on the surface of microplastics in aqueous solution. Chemical Engineering Journal, 2021, 420, 129813.	12.7	25
18	Preparation of nitrogen doped silica photocatalyst for enhanced photodegradation of polychlorinated biphenyls (PCB-209). Chemical Engineering Journal, 2021, 425, 131682.	12.7	16

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19	Ferrate (VI)-mediated transformation of diethyl phthalate (DEP) in soil: Kinetics, degradation mechanisms and theoretical calculation. Environmental Pollution, 2021, 290, 118053.	7.5	13
20	Experimental and quantum chemical study on the transformation behavior of bisphenol S by radical-driven persulfate oxidation. Environmental Science: Water Research and Technology, 2021, 8, 116-126.	2.4	2
21	Visible light and fulvic acid assisted generation of Mn(III) to oxidize bisphenol A: The effect of tetrabromobisphenol A. Water Research, 2020, 169, 115273.	11.3	42
22	Kinetics and mechanism analysis for the photodegradation of PFOA on different solid particles. Chemical Engineering Journal, 2020, 383, 123115.	12.7	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. Environmental Science & Technology, 2020, 54, 1573-1582.	10.0	31
24	A combined experimental and computational study on the oxidative degradation of bromophenols by Fe(VI) and the formation of self-coupling products. Environmental Pollution, 2020, 258, 113678.	7.5	31
25	The influence of humic and fulvic acids on Cd bioavailability to wheat cultivars grown on sewage irrigated Cd-contaminated soils. Ecotoxicology and Environmental Safety, 2020, 205, 111347.	6.0	18
26	Effects of common inorganic anions on the ozonation of polychlorinated diphenyl sulfides on silica gel: Kinetics, mechanisms, and theoretical calculations. Water Research, 2020, 186, 116358.	11.3	42
27	Removal of 4-chlorophenol, bisphenol A and nonylphenol mixtures by aqueous chlorination and formation of coupling products. Chemical Engineering Journal, 2020, 402, 126140.	12.7	35
28	Enhanced oxidative degradation of decabromodiphenyl ether in soil by coupling Fenton-persulfate processes: Insights into degradation products and reaction mechanisms. Science of the Total Environment, 2020, 737, 139777.	8.0	16
29	Degradation of sulfadimethoxine in phosphate buffer solution by UV alone, UV/PMS and UV/H2O2: Kinetics, degradation products, and reaction pathways. Chemical Engineering Journal, 2020, 398, 125357.	12.7	88
30	Alumina-mediated photocatalytic degradation of hexachlorobenzene in aqueous system: Kinetics and mechanism. Chemosphere, 2020, 257, 127256.	8.2	18
31	Fe-Activated Peroxymonosulfate Enhances the Degradation of Dibutyl Phthalate on Ground Quartz Sand. Environmental Science & Technology, 2020, 54, 9052-9061.	10.0	71
32	Photodegradation of polychlorinated diphenyl sulï¬des (PCDPSs) under simulated solar light irradiation: Kinetics, mechanism, and density functional theory calculations. Journal of Hazardous Materials, 2020, 398, 122876.	12.4	17
33	KMnO4-mediated reactions for hexachlorophene in aqueous solutions: Direct oxidation, self-coupling, and cross-coupling. Chemosphere, 2020, 259, 127422.	8.2	8
34	Oxidation of flumequine in aqueous solution by UV-activated peroxymonosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. Chemosphere, 2019, 237, 124484.	8.2	58
35	Photodegradation of decabromodiphenyl ethane (DBDPE) adsorbed on silica gel in aqueous solution: Kinetics, products, and theoretical calculations. Chemical Engineering Journal, 2019, 375, 121918.	12.7	6
36	Photochemical behavior of benzophenone sunscreens induced by nitrate in aquatic environments. Water Research, 2019, 153, 178-186.	11.3	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. Chemical Engineering Journal, 2019, 375, 121986.	12.7	24
38	Photochemical formation of hydroxylated polychlorinated biphenyls (OH-PCBs) from decachlorobiphenyl (PCB-209) on solids/air interface. Journal of Hazardous Materials, 2019, 378, 120758.	12.4	20
39	Formation of hydroxylated derivatives and coupling products from the photochemical transformation of polyfluorinated dibenzo-p-dioxins (PFDDs) on silica surfaces. Chemosphere, 2019, 231, 72-81.	8.2	5
40	Mechanistic insights into the reactivity of Ferrate(VI) with phenolic compounds and the formation of coupling products. Water Research, 2019, 158, 338-349.	11.3	82
41	Kinetics and mechanism of the oxidative degradation of parathion by Ferrate(VI). Chemical Engineering Journal, 2019, 365, 142-152.	12.7	49
42	Degradation of sulfadimethoxine by permanganate in aquatic environment: Influence factors, intermediate products and theoretical study. Science of the Total Environment, 2019, 671, 705-713.	8.0	36
43	Ozonation of pentabromophenol in aqueous basic medium: Kinetics, pathways, mechanism, dimerization and toxicity assessment. Chemosphere, 2019, 220, 546-555.	8.2	42
44	Photodegradation of polychlorinated diphenyl sulfides mediated by reactive oxygen species on silica gel. Chemical Engineering Journal, 2019, 359, 1056-1064.	12.7	27
45	Enhanced degradation performance of bisphenol M using peroxymonosulfate activated by zero-valent iron in aqueous solution: Kinetic study and product identification. Chemosphere, 2019, 221, 314-323.	8.2	42
46	Effective degradation of fenitrothion by zero-valent iron powder (FeO) activated persulfate in aqueous solution: Kinetic study and product identification. Chemical Engineering Journal, 2019, 358, 1479-1488.	12.7	108
47	Oxidative degradation of chlorpyrifos using ferrate(VI): Kinetics and reaction mechanism. Ecotoxicology and Environmental Safety, 2019, 170, 259-266.	6.0	64
48	Removal of the UV Filter Benzophenone-2 in Aqueous Solution by Ozonation: Kinetics, Intermediates, Pathways and Toxicity. Ozone: Science and Engineering, 2018, 40, 122-132.	2.5	18
49	Phototransformation of estrogens mediated by Mn(III), not by reactive oxygen species, in the presence of humic acids. Chemosphere, 2018, 201, 224-233.	8.2	41
50	The mutual promotion of photolysis and laccase-catalysis on removal of dichlorophen from water under simulated sunlight irradiation. Chemical Engineering Journal, 2018, 338, 392-400.	12.7	16
51	The pH-dependent toxicity of triclosan to five aquatic organisms (Daphnia magna, Photobacterium) Tj ETQq1 1 and Pollution Research, 2018, 25, 9636-9646.	0.784314 5.3	rgBT /Overlo 31
52	Degradation of the UV-filter benzophenone-3 in aqueous solution using persulfate activated by heat, metal ions and light. Chemosphere, 2018, 196, 95-104.	8.2	136
53	Degradation kinetics and transformation products of chlorophene by aqueous permanganate. Water Research, 2018, 138, 293-300.	11.3	62
54	Metal-mediated oxidation of fluoroquinolone antibiotics in water: A review on kinetics, transformation products, and toxicity assessment. Journal of Hazardous Materials, 2018, 344, 1136-1154.	12.4	138

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55	Mechanism insights into the oxidative degradation of decabromodiphenyl ethane by potassium permanganate in acidic conditions. Chemical Engineering Journal, 2018, 332, 267-276.	12.7	50
56	Fe(VI)-Mediated Single-Electron Coupling Processes for the Removal of Chlorophene: A Combined Experimental and Computational Study. Environmental Science & Technology, 2018, 52, 12592-12601.	10.0	53
57	Enhanced Removal of Chlorophene and 17β-estradiol by Mn(III) in a Mixture Solution with Humic Acid: Investigation of Reaction Kinetics and Formation of Co-oligomerization Products. Environmental Science & Technology, 2018, 52, 13222-13230.	10.0	63
58	Kinetics and mechanism insights into the photodegradation of hydroperfluorocarboxylic acids in aqueous solution. Chemical Engineering Journal, 2018, 348, 644-652.	12.7	35
59	Understanding the ozonated degradation of sulfadimethoxine, exploration of reaction site, and classification of degradation products. Chemosphere, 2018, 212, 228-236.	8.2	29
60	Photodegradation of 17β-estradiol on silica gel and natural soil by UV treatment. Environmental Pollution, 2018, 242, 1236-1244.	7.5	11
61	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. Environmental Science & Technology, 2018, 52, 7220-7229.	10.0	171
62	Degradation of aqueous 2,4,4′-Trihydroxybenzophenone by persulfate activated with nitrogen doped carbonaceous materials and the formation of dimer products. Water Research, 2018, 143, 176-187.	11.3	165
63	Ferrate(VI) oxidation of polychlorinated diphenyl sulfides: Kinetics, degradation, and oxidized products. Water Research, 2018, 143, 1-9.	11.3	81
64	In vivo metabolism of organophosphate flame retardants and distribution of their main metabolites in adult zebrafish. Science of the Total Environment, 2017, 590-591, 50-59.	8.0	67
65	Activation of ferrate(VI) by ammonia in oxidation of flumequine: Kinetics, transformation products, and antibacterial activity assessment. Chemical Engineering Journal, 2017, 323, 584-591.	12.7	73
66	Degradation of UV-filter benzophenone-3 in aqueous solution using persulfate catalyzed by cobalt ferrite. Chemical Engineering Journal, 2017, 326, 1197-1209.	12.7	106
67	Degradation of octafluorodibenzo-p-dioxin by UV/Fe(II)/potassium monopersulfate system: Kinetics, influence of coexisting chemicals, degradation products and pathways. Chemical Engineering Journal, 2017, 319, 98-107.	12.7	40
68	Factors controlling the rate of perfluorooctanoic acid degradation in laccase-mediator systems: The impact of metal ions. Environmental Pollution, 2017, 224, 649-657.	7.5	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. Chemical Engineering Journal, 2017, 321, 325-334.	12.7	50
70	Synergistic effect of aqueous removal of fluoroquinolones by a combined use of peroxymonosulfate and ferrate(VI). Chemosphere, 2017, 177, 144-148.	8.2	109
71	Solid surface-mediated photochemical transformation of decabromodiphenyl ether (BDE-209) in aqueous solution. Water Research, 2017, 125, 114-122.	11.3	92
72	Thermal- and photo-induced degradation of perfluorinated carboxylic acids: Kinetics and mechanism. Water Research, 2017, 126, 12-18.	11.3	37

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73	The laccase-like reactivity of manganese oxide nanomaterials for pollutant conversion: rate analysis and cyclic voltammetry. Scientific Reports, 2017, 7, 7756.	3.3	31
74	Enhanced degradation performance of sulfisoxazole using peroxymonosulfate activated by copper-cobalt oxides in aqueous solution: Kinetic study and products identification. Chemical Engineering Journal, 2017, 330, 345-354.	12.7	127
75	Oxidation of Tris (2-chloroethyl) phosphate in aqueous solution by UV-activated peroxymonosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. Chemosphere, 2017, 185, 833-843.	8.2	88
76	The OH-initiated atmospheric chemical reactions of polyfluorinated dibenzofurans and polychlorinated dibenzofurans: A comparative theoretical study. Chemosphere, 2017, 168, 10-17.	8.2	3
77	Catalytic degradation of 2-phenylbenzimidazole-5-sulfonic acid by peroxymonosulfate activated with nitrogen and sulfur co-doped CNTs-COOH loaded CuFe2O4. Chemical Engineering Journal, 2017, 307, 95-104.	12.7	109
78	Photodegradation of Polyfluorinated Dibenzo- <i>p</i> -Dioxins in Organic Solvents: Experimental and Theoretical Studies. Environmental Science & Technology, 2016, 50, 8128-8134.	10.0	62
79	Ozonation of the UV filter benzophenone-4 in aquatic environments: Intermediates and pathways. Chemosphere, 2016, 149, 76-83.	8.2	24
80	The toxic effect and bioaccumulation in aquatic oligochaete Limnodrilus hoffmeisteri after combined exposure to cadmium and perfluorooctane sulfonate at different pH values. Chemosphere, 2016, 152, 496-502.	8.2	29
81	Laccase-catalyzed removal of the antimicrobials chlorophene and dichlorophen from water: Reaction kinetics, pathway and toxicity evaluation. Journal of Hazardous Materials, 2016, 317, 81-89.	12.4	46
82	Catalytic degradation of diethyl phthalate in aqueous solution by persulfate activated with nano-scaled magnetic CuFe 2 O 4 /MWCNTs. Chemical Engineering Journal, 2016, 301, 1-11.	12.7	286
83	Theoretical study on the OH-initiated oxidation mechanism of polyfluorinated dibenzo-p-dioxins under the atmospheric conditions. Chemosphere, 2016, 144, 2036-2043.	8.2	15
84	Toxicity of Arsenic to <i>Photobacterium phosphoreum</i> , <i>Daphnia magna</i> , and <i>Danio rerio</i> at Different pH Levels. Clean - Soil, Air, Water, 2016, 44, 72-77.	1.1	7
85	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids. Water Research, 2016, 104, 34-43.	11.3	78
86	Degradation of fluoroquinolone antibiotics by ferrate(VI): Effects of water constituents and oxidized products. Water Research, 2016, 103, 48-57.	11.3	206
87	Oxidative degradation of triclosan by potassium permanganate: Kinetics, degradation products, reaction mechanism, and toxicity evaluation. Water Research, 2016, 103, 215-223.	11.3	165
88	TPhP exposure disturbs carbohydrate metabolism, lipid metabolism, and the DNA damage repair system in zebrafish liver. Scientific Reports, 2016, 6, 21827.	3.3	92
89	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. Chemosphere, 2016, 144, 1754-1762.	8.2	18
90	Effect of decabromodiphenyl ether (BDE-209) on a soil-biota system: Role of earthworms and ryegrass. Environmental Toxicology and Chemistry, 2016, 35, 1349-1357.	4.3	3

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91	Antioxidant defenses and histological changes in Carassius auratus after combined exposure to zinc and three multi-walled carbon nanotubes. Ecotoxicology and Environmental Safety, 2016, 125, 61-71.	6.0	25
92	Toxicity and bioaccumulation of copper in Limnodrilus hoffmeisteri under different pH values: Impacts of perfluorooctane sulfonate. Journal of Hazardous Materials, 2016, 305, 219-228.	12.4	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. Applied Catalysis B: Environmental, 2016, 187, 1-10.	20.2	200
94	Effect of different carbon nanotubes on cadmium toxicity to Daphnia magna: The role of catalyst impurities and adsorption capacity. Environmental Pollution, 2016, 208, 732-738.	7.5	57
95	Effects ofin vivoexposure to polyfluorinated dibenzo-p-dioxins on organo-somatic indices and ethoxyresorufin-O-deethylase activity in mice (Mus musculus). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 150-153.	1.7	3
96	Responses of antioxidant defense system to polyfluorinated dibenzo-p-dioxins (PFDDs) exposure in liver of freshwater fish Carassius auratus. Ecotoxicology and Environmental Safety, 2016, 126, 170-176.	6.0	25
97	Aqueous photodegradation of antibiotic florfenicol: kinetics and degradation pathway studies. Environmental Science and Pollution Research, 2016, 23, 6982-6989.	5.3	33
98	Oxidation of disinfectants with Cl-substituted structure by a Fenton-like system Cu2+/H2O2 and analysis on their structure-reactivity relationship. Environmental Science and Pollution Research, 2016, 23, 1898-1904.	5.3	21
99	Fast removal of the antibiotic flumequine from aqueous solution by ozonation: Influencing factors, reaction pathways, and toxicity evaluation. Science of the Total Environment, 2016, 541, 167-175.	8.0	71
100	Evaluation of single and joint toxicity of perfluorooctane sulfonate and zinc to Limnodrilus hoffmeisteri : Acute toxicity, bioaccumulation and oxidative stress. Journal of Hazardous Materials, 2016, 301, 342-349.	12.4	40
101	Rapid Removal of Tetrabromobisphenol A by Ozonation in Water: Oxidation Products, Reaction Pathways and Toxicity Assessment. PLoS ONE, 2015, 10, e0139580.	2.5	49
102	Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. Ecotoxicology and Environmental Safety, 2015, 119, 116-122.	6.0	61
103	Acute toxicity of benzophenone-type UV filters for Photobacterium phosphoreum and Daphnia magna: QSAR analysis, interspecies relationship and integrated assessment. Chemosphere, 2015, 135, 182-188.	8.2	66
104	Characterization of the thermolysis products of Nafion membrane: A potential source of perfluorinated compounds in the environment. Scientific Reports, 2015, 5, 9859.	3.3	77
105	Occurrence of Polychlorodibenzothiophenes in Nanjing Section of the Yangtze River, China. Archives of Environmental Contamination and Toxicology, 2015, 69, 453-460.	4.1	8
106	Acute and chronic toxicity of tetrabromobisphenol A to three aquatic species under different pH conditions. Aquatic Toxicology, 2015, 164, 145-154.	4.0	25
107	Assessment of bromide-based ionic liquid toxicity toward aquatic organisms and QSAR analysis. Ecotoxicology and Environmental Safety, 2015, 115, 112-118.	6.0	72
108	Evaluation of single and joint toxicity of perfluorooctane sulfonate, perfluorooctanoic acid, and copper to Carassius auratus using oxidative stress biomarkers. Aquatic Toxicology, 2015, 161, 108-116.	4.0	60

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109	Aryl organophosphate flame retardants induced cardiotoxicity during zebrafish embryogenesis: By disturbing expression of the transcriptional regulators. Aquatic Toxicology, 2015, 161, 25-32.	4.0	151
110	Occurrence of polychlorinated diphenyl ethers in Nanjing section of the Yangtze River: level and distribution pattern. Environmental Science and Pollution Research, 2015, 22, 9224-9232.	5.3	9
111	Antioxidant status and Na+, K+-ATPase activity in freshwater fish Carassius auratus exposed to different combustion products of Nafion 117 membrane: an integrated biomarker approach. Environmental Science and Pollution Research, 2015, 22, 3408-3418.	5.3	6
112	Hepatic oxidative stress and catalyst metals accumulation in goldfish exposed to carbon nanotubes under different pH levels. Aquatic Toxicology, 2015, 160, 142-150.	4.0	32
113	Laccase-Catalyzed Degradation of Perfluorooctanoic Acid. Environmental Science and Technology Letters, 2015, 2, 198-203.	8.7	60
114	Formation of Halogenated Polyaromatic Compounds by Laccase Catalyzed Transformation of Halophenols. Environmental Science & amp; Technology, 2015, 49, 8550-8557.	10.0	55
115	Oxidative Degradation of Decabromodiphenyl Ether (BDE 209) by Potassium Permanganate: Reaction Pathways, Kinetics, and Mechanisms Assisted by Density Functional Theory Calculations. Environmental Science & Technology, 2015, 49, 4209-4217.	10.0	90
116	Experimental investigation on the soil sorption properties and hydrophobicity of polymethoxylated, polyhydroxylated diphenyl ethers and methoxylated-, hydroxylated-polychlorinated diphenyl ethers. Chemosphere, 2015, 134, 84-90.	8.2	7
117	Degradation of flumequine in aqueous solution by persulfate activated with common methods and polyhydroquinone-coated magnetite/multi-walled carbon nanotubes catalysts. Water Research, 2015, 85, 1-10.	11.3	225
118	Tissue distribution, excretion, and the metabolic pathway of 2,2′,4,4′,5-penta-chlorinated diphenylsulfide (CDPS-99) in ICR mice. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1001, 90-97.	2.3	6
119	A comparative study on antioxidant status combined with integrated biomarker response in <i>Carassius auratus</i> fish exposed to nine phthalates. Environmental Toxicology, 2015, 30, 1125-1134.	4.0	35
120	Ozonation of indigo enhanced by carboxylated carbon nanotubes: Performance optimization, degradation products, reaction mechanism and toxicity evaluation. Water Research, 2015, 68, 316-327.	11.3	130
121	Hepatic Transcriptome Responses in Mice (Mus musculus) Exposed to the Nafion Membrane and Its Combustion Products. PLoS ONE, 2015, 10, e0128591.	2.5	3
122	Evaluation of HODE-15, FDE-15, CDE-15, and BDE-15 toxicity on adult and embryonic zebrafish (Danio) Tj ETQqO	0 <u>0</u> ,ggBT/	Oygrlock 10
123	Biochemical biomarkers in liver and gill tissues of freshwater fish <i>Carassius auratus</i> following <i>in vivo</i> exposure to hexabromobenzene. Environmental Toxicology, 2014, 29, 1460-1470.	4.0	24
124	The effects of hydroxylated multiwalled carbon nanotubes on the toxicity of nickel to <i>Daphnia magna</i> under different pH levels. Environmental Toxicology and Chemistry, 2014, 33, 2522-2528.	4.3	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. Environmental Science and Pollution Research, 2014, 21, 1924-1935.	5.3	29

126	Metal accumulation and oxidative stress biomarkers in liver of freshwater fish Carassius auratus following in vivo exposure to waterborne zinc under different pH values. Aquatic Toxicology, 2014, 150. 9-16.	4.0	113
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127	Effect of water quality on mercury toxicity to Photobacterium phosphoreum: Model development and its application in natural waters. Ecotoxicology and Environmental Safety, 2014, 104, 231-238.	6.0	20
128	Metal accumulation and antioxidant defenses in the freshwater fish Carassius auratus in response to single and combined exposure to cadmium and hydroxylated multi-walled carbon nanotubes. Journal of Hazardous Materials, 2014, 275, 89-98.	12.4	77
129	Hepatic oxidative status and metal homeostasis disturbance of 2-hydroxylated dioxin in ICR mice. Environmental Toxicology and Pharmacology, 2014, 38, 881-890.	4.0	1
130	Occurrence of Polychlorinated Diphenyl Sulfides (PCDPSs) in Surface Sediments and Surface Water from the Nanjing Section of the Yangtze River. Environmental Science & Technology, 2014, 48, 11429-11436.	10.0	37
131	Activation of Avian Aryl Hydrocarbon Receptor and Inter-species Sensitivity Variations by Polychlorinated Diphenylsulfides. Environmental Science & Technology, 2014, 48, 10948-10956.	10.0	20
132	Comparative antioxidant status in freshwater fish Carassius auratus exposed to eight imidazolium bromide ionic liquids: A combined experimental and theoretical study. Ecotoxicology and Environmental Safety, 2014, 102, 187-195.	6.0	21
133	The influence of hydroxyl-functionalized multi-walled carbon nanotubes and pH levels on the toxicity of lead to Daphnia magna. Environmental Toxicology and Pharmacology, 2014, 38, 199-204.	4.0	14
134	QSAR studies of bioconcentration factors of polychlorinated biphenyls (PCBs) using DFT, PCS and CoMFA. Chemosphere, 2014, 114, 101-105.	8.2	14
135	Oxidative stress biomarkers in freshwater fish Carassius auratus exposed to decabromodiphenyl ether and ethane, or their mixture. Ecotoxicology, 2013, 22, 1101-1110.	2.4	37
136	Comparative antioxidant status in freshwater fish Carassius auratus exposed to six current-use brominated flame retardants: A combined experimental and theoretical study. Aquatic Toxicology, 2013, 140-141, 314-323.	4.0	78
137	Aquatic photodegradation of sunscreen agent p-aminobenzoic acid in the presence of dissolved organic matter. Water Research, 2013, 47, 153-162.	11.3	94
138	Development of a model to predict the effect of water chemistry on the acute toxicity of cadmium to Photobacterium phosphoreum. Journal of Hazardous Materials, 2013, 262, 288-296.	12.4	35
139	Photoreactivity of hydroxylated multi-walled carbon nanotubes and its effects on the photodegradation of atenolol in water. Chemosphere, 2013, 93, 1747-1754.	8.2	18
140	Experimental and QSPR study of sorption properties of polychlorinated diphenyl sulfides (PCDPSs) in Yangtze River plain soil. Geoderma, 2013, 193-194, 140-148.	5.1	13
141	Sorption behavior of 17 phthalic acid esters on three soils: Effects of pH and dissolved organic matter, sorption coefficient measurement and QSPR study. Chemosphere, 2013, 93, 82-89.	8.2	101
142	Synthesis and physicochemical properties of polyhydroxylated diphenyl ethers. Thermochimica Acta, 2013, 568, 1-12.	2.7	3
143	Synthesis, experimental and theoretical investigation of molecular structure, IR, Raman spectra and 1H NMR analyses of 4,4′-dihydroxydiphenyl ether and 4,4′-oxybis(1-methoxybenzene). Journal of Molecular Structure, 2013, 1035, 285-294.	3.6	5
144	Acute oral toxicity and liver oxidant/antioxidant stress of halogenated benzene, phenol, and diphenyl ether in mice: a comparative and mechanism exploration. Environmental Science and Pollution Research, 2013, 20, 6138-6149.	5.3	10

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145	Improved 3D-QSPR analysis of the predictive octanol–air partition coefficients of hydroxylated and methoxylated polybrominated diphenyl ethers. Atmospheric Environment, 2013, 77, 840-845.	4.1	19
146	Treatment of diazo dye C.I. Reactive Black 5 in aqueous solution by combined process of interior microelectrolysis and ozonation. Water Science and Technology, 2013, 67, 1880-1885.	2.5	15
147	Synthesis of Diaryl Ethers by Cul-Catalyzed C-O Bond Formation via Ullman Coupling: Assessing the Reactivity of Aryl Halides. Letters in Organic Chemistry, 2013, 10, 31-36.	0.5	9
148	A Comprehensive Study on Infrared Spectra of 2-Hydroxyxanthone. Spectroscopy Letters, 2012, 45, 240-245.	1.0	2
149	Investigation on Intramolecular Hydrogen Bond and Some Thermodynamic Properties of Polyhydroxylated Anthraquinones. Journal of Chemical & Engineering Data, 2012, 57, 2442-2455.	1.9	98
150	Hepatic antioxidative responses to PCDPSs and estimated short-term biotoxicity in freshwater fish. Aquatic Toxicology, 2012, 120-121, 90-98.	4.0	45
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