Zunyao Wang

List of Publications by Year in Descending Order

167 papers	5,156 citations	42 h-index	62 g-index
169 ext. papers	6,407 ext. citations	8.9 avg, IF	6.21 L-index

#	Paper	IF	Citations
167	Efficient photocatalytic degradation of PFOA in N-doped In2O3/simulated sunlight irradiation system and its mechanism. *Chemical Engineering Journal*, **2022**, 435, 134627	14.7	2
166	Degradation of pentachlorophenol in peroxymonosulfate/heat system: Kinetics, mechanism, and theoretical calculations. *Chemical Engineering Journal*, **2022**, 434, 134736	14.7	1
165	Photochemical transformation of hexachlorobenzene (HCB) in solid-water system: Kinetics, mechanism and toxicity evaluation.. *Chemosphere*, **2022**, 295, 133907	8.4	1
164	Influence of anions on ozonation of bisphenol AF: Kinetics, reaction pathways, and toxicity assessment. *Chemosphere*, **2022**, 286, 131864	8.4	0
163	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	14.7	1
162	The environmental fate of biomass associated polybrominated diphenyl ethers.. *Chemosphere*, **2022**, 134397	8.4	0
161	Electrochemical oxidation combined with UV irradiation for synergistic removal of perfluorooctane sulfonate (PFOS) in water.. *Journal of Hazardous Materials*, **2022**, 436, 129091	12.8	
160	Ferrate(VI) oxidation of bisphenol E-Kinetics, removal performance, and dihydroxylation mechanism.. *Water Research*, **2021**, 210, 118025	12.5	3
159	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	12.5	28
158	Effective degradation of 2,4-dihydroxybenzophenone by zero-valent iron powder (Fe)-activated persulfate in aqueous solution: Kinetic study, product identification and theoretical calculations. *Science of the Total Environment*, **2021**, 771, 144743	10.2	31
157	Transformation of bisphenol AF by chlorination: kinetic study and product identification. *Environmental Science and Pollution Research*, **2021**, 28, 62519-62529	5.1	0
156	Kinetics and reaction pathways for the transformation of 4-tert-butylphenol by ferrate(VI). *Journal of Hazardous Materials*, **2021**, 401, 123405	12.8	15
155	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	14.7	45
154	Transformation of bromophenols by aqueous chlorination and exploration of main reaction mechanisms. *Chemosphere*, **2021**, 265, 129112	8.4	16
153	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	5.1	10
152	New Findings of Ferrate(VI) Oxidation Mechanism from Its Degradation of Alkene Imidazole Ionic Liquids. *Environmental Science & Technology*, **2021**, 55, 11733-11744	10.3	4
151	Photochemical transformation of decachlorobiphenyl (PCB-209) on the surface of microplastics in aqueous solution. *Chemical Engineering Journal*, **2021**, 420, 129813	14.7	5

150	Preparation of nitrogen doped silica photocatalyst for enhanced photodegradation of polychlorinated biphenyls (PCB-209). *Chemical Engineering Journal*, **2021**, 425, 131682	14.7	6
149	Ferrate (VI)-mediated transformation of diethyl phthalate (DEP) in soil: Kinetics, degradation mechanisms and theoretical calculation. *Environmental Pollution*, **2021**, 290, 118053	9.3	3
148	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	10.2	6
147	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	14.7	30
146	Alumina-mediated photocatalytic degradation of hexachlorobenzene in aqueous system: Kinetics and mechanism. *Chemosphere*, **2020**, 257, 127256	8.4	9
145	Fe-Activated Peroxymonosulfate Enhances the Degradation of Dibutyl Phthalate on Ground Quartz Sand. *Environmental Science & Technology*, **2020**, 54, 9052-9061	10.3	19
144	Photodegradation of polychlorinated diphenyl sulfides (PCDPSs) under simulated solar light irradiation: Kinetics, mechanism, and density functional theory calculations. *Journal of Hazardous Materials*, **2020**, 398, 122876	12.8	8
143	KMnO-mediated reactions for hexachlorophene in aqueous solutions: Direct oxidation, self-coupling, and cross-coupling. *Chemosphere*, **2020**, 259, 127422	8.4	4
142	Visible light and fulvic acid assisted generation of Mn(III) to oxidize bisphenol A: The effect of tetrabromobisphenol A. *Water Research*, **2020**, 169, 115273	12.5	28
141	Kinetics and mechanism analysis for the photodegradation of PFOA on different solid particles. *Chemical Engineering Journal*, **2020**, 383, 123115	14.7	6
140	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	10.3	18
139	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	9.3	19
138	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	7	7
137	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	12.5	15
136	Removal of 4-chlorophenol, bisphenol A and nonylphenol mixtures by aqueous chlorination and formation of coupling products. *Chemical Engineering Journal*, **2020**, 402, 126140	14.7	19
135	Photochemical behavior of benzophenone sunscreens induced by nitrate in aquatic environments. *Water Research*, **2019**, 153, 178-186	12.5	33
134	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	14.7	19
133	Photochemical formation of hydroxylated polychlorinated biphenyls (OH-PCBs) from decachlorobiphenyl (PCB-209) on solids/air interface. *Journal of Hazardous Materials*, **2019**, 378, 120758	12.8	13

132	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	8.4	5
131	Mechanistic insights into the reactivity of Ferrate(VI) with phenolic compounds and the formation of coupling products. *Water Research*, **2019**, 158, 338-349	12.5	37
130	Kinetics and mechanism of the oxidative degradation of parathion by Ferrate(VI). *Chemical Engineering Journal*, **2019**, 365, 142-152	14.7	25
129	Degradation of sulfadimethoxine by permanganate in aquatic environment: Influence factors, intermediate products and theoretical study. *Science of the Total Environment*, **2019**, 671, 705-713	10.2	18
128	Oxidation of flumequine in aqueous solution by UV-activated peroxymonosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. *Chemosphere*, **2019**, 237, 124484	8.4	39
127	Photodegradation of decabromodiphenyl ethane (DBDPE) adsorbed on silica gel in aqueous solution: Kinetics, products, and theoretical calculations. *Chemical Engineering Journal*, **2019**, 375, 121918	14.7	4
126	Ozonation of pentabromophenol in aqueous basic medium: Kinetics, pathways, mechanism, dimerization and toxicity assessment. *Chemosphere*, **2019**, 220, 546-555	8.4	32
125	Photodegradation of polychlorinated diphenyl sulfides mediated by reactive oxygen species on silica gel. *Chemical Engineering Journal*, **2019**, 359, 1056-1064	14.7	17
124	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	8.4	26
123	Effective degradation of fenitrothion by zero-valent iron powder (Fe0) activated persulfate in aqueous solution: Kinetic study and product identification. *Chemical Engineering Journal*, **2019**, 358, 1479-1488	14.7	73
122	Oxidative degradation of chlorpyrifos using ferrate(VI): Kinetics and reaction mechanism. *Ecotoxicology and Environmental Safety*, **2019**, 170, 259-266	7	36
121	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	2.4	15
120	Phototransformation of estrogens mediated by Mn(III), not by reactive oxygen species, in the presence of humic acids. *Chemosphere*, **2018**, 201, 224-233	8.4	30
119	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	14.7	13
118	The pH-dependent toxicity of triclosan to five aquatic organisms (Daphnia magna, Photobacterium phosphoreum, Danio rerio, Limnodrilus hoffmeisteri, and Carassius auratus). *Environmental Science and Pollution Research*, **2018**, 25, 9636-9646	5.1	20
117	Degradation of the UV-filter benzophenone-3 in aqueous solution using persulfate activated by heat, metal ions and light. *Chemosphere*, **2018**, 196, 95-104	8.4	97
116	Degradation kinetics and transformation products of chlorophene by aqueous permanganate. *Water Research*, **2018**, 138, 293-300	12.5	42
115	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	12.8	98

114	Mechanism insights into the oxidative degradation of decabromodiphenyl ethane by potassium permanganate in acidic conditions. *Chemical Engineering Journal*, **2018**, 332, 267-276	14.7	37
113	Understanding the ozonated degradation of sulfadimethoxine, exploration of reaction site, and classification of degradation products. *Chemosphere*, **2018**, 212, 228-236	8.4	18
112	Photodegradation of 17β-estradiol on silica gel and natural soil by UV treatment. *Environmental Pollution*, **2018**, 242, 1236-1244	9.3	9
111	Hydroxyl Radical Based Photocatalytic Degradation of Halogenated Organic Contaminants and Paraffin on Silica Gel. *Environmental Science & Technology*, **2018**, 52, 7220-7229	10.3	92
110	Degradation of aqueous 2,4,4STrihydroxybenzophenone by persulfate activated with nitrogen doped carbonaceous materials and the formation of dimer products. *Water Research*, **2018**, 143, 176-187	12.5	102
109	Ferrate(VI) oxidation of polychlorinated diphenyl sulfides: Kinetics, degradation, and oxidized products. *Water Research*, **2018**, 143, 1-9	12.5	58
108	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	10.3	35
107	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	10.3	31
106	Kinetics and mechanism insights into the photodegradation of hydroperfluorocarboxylic acids in aqueous solution. *Chemical Engineering Journal*, **2018**, 348, 644-652	14.7	25
105	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	10.2	47
104	Activation of ferrate(VI) by ammonia in oxidation of flumequine: Kinetics, transformation products, and antibacterial activity assessment. *Chemical Engineering Journal*, **2017**, 323, 584-591	14.7	54
103	Degradation of UV-filter benzophenone-3 in aqueous solution using persulfate catalyzed by cobalt ferrite. *Chemical Engineering Journal*, **2017**, 326, 1197-1209	14.7	80
102	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	14.7	31
101	Factors controlling the rate of perfluorooctanoic acid degradation in laccase-mediator systems: The impact of metal ions. *Environmental Pollution*, **2017**, 224, 649-657	9.3	14
100	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	14.7	31
99	Synergistic effect of aqueous removal of fluoroquinolones by a combined use of peroxymonosulfate and ferrate(VI). *Chemosphere*, **2017**, 177, 144-148	8.4	73
98	Solid surface-mediated photochemical transformation of decabromodiphenyl ether (BDE-209) in aqueous solution. *Water Research*, **2017**, 125, 114-122	12.5	55
97	Thermal- and photo-induced degradation of perfluorinated carboxylic acids: Kinetics and mechanism. *Water Research*, **2017**, 126, 12-18	12.5	27

96	The laccase-like reactivity of manganese oxide nanomaterials for pollutant conversion: rate analysis and cyclic voltammetry. *Scientific Reports*, **2017**, 7, 7756	4.9	20
95	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	14.7	85
94	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	8.4	64
93	The OH-initiated atmospheric chemical reactions of polyfluorinated dibenzofurans and polychlorinated dibenzofurans: A comparative theoretical study. *Chemosphere*, **2017**, 168, 10-17	8.4	3
92	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	14.7	69
91	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	10.2	54
90	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, 342-9	12.8	30
89	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids. *Water Research*, **2016**, 104, 34-43	12.5	53
88	Degradation of fluoroquinolone antibiotics by ferrate(VI): Effects of water constituents and oxidized products. *Water Research*, **2016**, 103, 48-57	12.5	134
87	Oxidative degradation of triclosan by potassium permanganate: Kinetics, degradation products, reaction mechanism, and toxicity evaluation. *Water Research*, **2016**, 103, 215-223	12.5	106
86	TPhP exposure disturbs carbohydrate metabolism, lipid metabolism, and the DNA damage repair system in zebrafish liver. *Scientific Reports*, **2016**, 6, 21827	4.9	73
85	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. *Chemosphere*, **2016**, 144, 1754-62	8.4	15
84	Effect of decabromodiphenyl ether (BDE-209) on a soil-biota system: Role of earthworms and ryegrass. *Environmental Toxicology and Chemistry*, **2016**, 35, 1349-57	3.8	2
83	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	7	18
82	Toxicity and bioaccumulation of copper in Limnodrilus hoffmeisteri under different pH values: Impacts of perfluorooctane sulfonate. *Journal of Hazardous Materials*, **2016**, 305, 219-228	12.8	16
81	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	21.8	139
80	Effect of different carbon nanotubes on cadmium toxicity to Daphnia magna: The role of catalyst impurities and adsorption capacity. *Environmental Pollution*, **2016**, 208, 732-8	9.3	49
79	Effects of in vivo exposure 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	2.3	3

78	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	7	18
77	Aqueous photodegradation of antibiotic florfenicol: kinetics and degradation pathway studies. *Environmental Science and Pollution Research*, **2016**, 23, 6982-9	5.1	16
76	Oxidation of disinfectants with Cl-substituted structure by a Fenton-like system Cu(2+)/H2O2 and analysis on their structure-reactivity relationship. *Environmental Science and Pollution Research*, **2016**, 23, 1898-904	5.1	19
75	Photodegradation of Polyfluorinated Dibenzo-p-Dioxins in Organic Solvents: Experimental and Theoretical Studies. *Environmental Science & Technology*, **2016**, 50, 8128-34	10.3	47
74	Ozonation of the UV filter benzophenone-4 in aquatic environments: Intermediates and pathways. *Chemosphere*, **2016**, 149, 76-83	8.4	19
73	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	8.4	19
72	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	12.8	38
71	Catalytic degradation of diethyl phthalate in aqueous solution by persulfate activated with nano-scaled magnetic CuFe2O4/MWCNTs. *Chemical Engineering Journal*, **2016**, 301, 1-11	14.7	215
70	Theoretical study on the OH-initiated oxidation mechanism of polyfluorinated dibenzo-p-dioxins under the atmospheric conditions. *Chemosphere*, **2016**, 144, 2036-43	8.4	7
69	Toxicity of Arsenic to Photobacterium phosphoreum, Daphnia magna, and Danio rerio at Different pH Levels. *Clean - Soil, Air, Water*, **2016**, 44, 72-77	1.6	6
68	Occurrence of polychlorinated diphenyl ethers in Nanjing section of the Yangtze River: level and distribution pattern. *Environmental Science and Pollution Research*, **2015**, 22, 9224-32	5.1	8
67	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, 3408-18	5.1	5
66	Hepatic oxidative stress and catalyst metals accumulation in goldfish exposed to carbon nanotubes under different pH levels. *Aquatic Toxicology*, **2015**, 160, 142-50	5.1	29
65	Laccase-Catalyzed Degradation of Perfluorooctanoic Acid. *Environmental Science and Technology Letters*, **2015**, 2, 198-203	11	42
64	Formation of Halogenated Polyaromatic Compounds by Laccase Catalyzed Transformation of Halophenols. *Environmental Science & Technology*, **2015**, 49, 8550-7	10.3	46
63	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, 4209-17	10.3	63
62	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	8.4	5
61	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	12.5	162

60	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, 90-7	3.2	6
59	A comparative study on antioxidant status combined with integrated biomarker response in Carassius auratus fish exposed to nine phthalates. *Environmental Toxicology*, **2015**, 30, 1125-34	4.2	28
58	Ozonation of indigo enhanced by carboxylated carbon nanotubes: performance optimization, degradation products, reaction mechanism and toxicity evaluation. *Water Research*, **2015**, 68, 316-27	12.5	106
57	Rapid Removal of Tetrabromobisphenol A by Ozonation in Water: Oxidation Products, Reaction Pathways and Toxicity Assessment. *PLoS ONE*, **2015**, 10, e0139580	3.7	39
56	Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. *Ecotoxicology and Environmental Safety*, **2015**, 119, 116-22	7	43
55	Acute toxicity of benzophenone-type UV filters for Photobacterium phosphoreum and Daphnia magna: QSAR analysis, interspecies relationship and integrated assessment. *Chemosphere*, **2015**, 135, 182-8	8.4	53
54	Characterization of the thermolysis products of Nafion membrane: A potential source of perfluorinated compounds in the environment. *Scientific Reports*, **2015**, 5, 9859	4.9	48
53	Occurrence of Polychlorodibenzothiophenes in Nanjing Section of the Yangtze River, China. *Archives of Environmental Contamination and Toxicology*, **2015**, 69, 453-60	3.2	4
52	Acute and chronic toxicity of tetrabromobisphenol A to three aquatic species under different pH conditions. *Aquatic Toxicology*, **2015**, 164, 145-54	5.1	23
51	Assessment of bromide-based ionic liquid toxicity toward aquatic organisms and QSAR analysis. *Ecotoxicology and Environmental Safety*, **2015**, 115, 112-8	7	55
50	Evaluation of single and joint toxicity of perfluorooctane sulfonate, perfluorooctanoic acid, and copper to Carassius auratus using oxidative stress biomarkers. *Aquatic Toxicology*, **2015**, 161, 108-16	5.1	46
49	Aryl organophosphate flame retardants induced cardiotoxicity during zebrafish embryogenesis: by disturbing expression of the transcriptional regulators. *Aquatic Toxicology*, **2015**, 161, 25-32	5.1	103
48	Hepatic Transcriptome Responses in Mice (Mus musculus) Exposed to the Nafion Membrane and Its Combustion Products. *PLoS ONE*, **2015**, 10, e0128591	3.7	3
47	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	5.1	19
46	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	5.1	87
45	Effect of water quality on mercury toxicity to Photobacterium phosphoreum: Model development and its application in natural waters. *Ecotoxicology and Environmental Safety*, **2014**, 104, 231-8	7	15
44	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	12.8	56
43	Hepatic oxidative status and metal homeostasis disturbance of 2-hydroxylated dioxin in ICR mice. *Environmental Toxicology and Pharmacology*, **2014**, 38, 881-90	5.8	1

42	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, 11429-36	10.3	28
41	Activation of avian aryl hydrocarbon receptor and inter-species sensitivity variations by polychlorinated diphenylsulfides. *Environmental Science & Technology*, **2014**, 48, 10948-56	10.3	19
40	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, 187-95	7	16
39	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	5.8	12
38	QSAR studies of bioconcentration factors of polychlorinated biphenyls (PCBs) using DFT, PCS and CoMFA. *Chemosphere*, **2014**, 114, 101-5	8.4	12
37	Evaluation of HODE-15, FDE-15, CDE-15, and BDE-15 toxicity on adult and embryonic zebrafish (Danio rerio). *Environmental Science and Pollution Research*, **2014**, 21, 14047-57	5.1	11
36	Biochemical biomarkers in liver and gill tissues of freshwater fish Carassius auratus following in vivo exposure to hexabromobenzene. *Environmental Toxicology*, **2014**, 29, 1460-70	4.2	19
35	The effects of hydroxylated multiwalled carbon nanotubes on the toxicity of nickel to Daphnia magna under different pH levels. *Environmental Toxicology and Chemistry*, **2014**, 33, 2522-8	3.8	15
34	Oxidative stress biomarkers in freshwater fish Carassius auratus exposed to decabromodiphenyl ether and ethane, or their mixture. *Ecotoxicology*, **2013**, 22, 1101-10	2.9	26
33	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, 314-23	5.1	66
32	Aquatic photodegradation of sunscreen agent p-aminobenzoic acid in the presence of dissolved organic matter. *Water Research*, **2013**, 47, 153-62	12.5	71
31	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, 288-96	12.8	30
30	Photoreactivity of hydroxylated multi-walled carbon nanotubes and its effects on the photodegradation of atenolol in water. *Chemosphere*, **2013**, 93, 1747-54	8.4	14
29	Experimental and QSPR study of sorption properties of polychlorinated diphenyl sulfides (PCDPSs) in Yangtze River plain soil. *Geoderma*, **2013**, 193-194, 140-148	6.7	12
28	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, 82-9	8.4	71
27	Synthesis and physicochemical properties of polyhydroxylated diphenyl ethers. *Thermochimica Acta* , **2013**, 568, 1-12	2.9	2
26	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	3.4	5
25	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, 6138-49	5.1	7

24	Improved 3D-QSPR analysis of the predictive octanol/air partition coefficients of hydroxylated and methoxylated polybrominated diphenyl ethers. *Atmospheric Environment*, **2013**, 77, 840-845	5.3	16
23	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, 1880-5	2.2	14
22	Synthesis of Diaryl Ethers by CuI-Catalyzed C-O Bond Formation via Ullman Coupling: Assessing the Reactivity of Aryl Halides. *Letters in Organic Chemistry*, **2013**, 10, 31-36	0.6	8
21	The effect of hydroxyl groups on the stability and thermodynamic properties of polyhydroxylated xanthones as calculated by density functional theory. *Thermochimica Acta*, **2012**, 527, 99-111	2.9	5
20	A Comprehensive Study on Infrared Spectra of 2-Hydroxyxanthone. *Spectroscopy Letters*, **2012**, 45, 240-245	1.1	2
19	Investigation on Intramolecular Hydrogen Bond and Some Thermodynamic Properties of Polyhydroxylated Anthraquinones. *Journal of Chemical & Engineering Data*, **2012**, 57, 2442-2455	2.8	63
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