Hua Yin

List of Publications by Citations

127 papers	2,732 citations	31 h-index	42 g-index
135 ext. papers	3,720 ext. citations	8.5 avg, IF	5.66 L-index

#	Paper	IF	Citations
127	Removal of natural estrogens and their conjugates in municipal wastewater treatment plants: a critical review. *Environmental Science & Technology*, **2015**, 49, 5288-300	10.3	109
126	Worldwide human daily intakes of bisphenol A (BPA) estimated from global urinary concentration data (2000-2016) and its risk analysis. *Environmental Pollution*, **2017**, 230, 143-152	9.3	100
125	Bisphenol A concentrations in human urine, human intakes across six continents, and annual trends of average intakes in adult and child populations worldwide: A thorough literature review. *Science of the Total Environment*, **2018**, 626, 971-981	10.2	82
124	Biodegradation of anthracene by Aspergillus fumigatus. *Journal of Hazardous Materials*, **2011**, 185, 174-81	12.8	81
123	Migration and potential risk of trace phthalates in bottled water: A global situation. *Water Research* , **2018**, 147, 362-372	12.5	81
122	Drivers and applications of integrated clean-up technologies for surfactant-enhanced remediation of environments contaminated with polycyclic aromatic hydrocarbons (PAHs). *Environmental Pollution*, **2017**, 225, 129-140	9.3	61
121	Insights into removal mechanisms of bisphenol A and its analogues in municipal wastewater treatment plants. *Science of the Total Environment*, **2019**, 692, 107-116	10.2	59
120	Trace determination of sulfonamide antibiotics and their acetylated metabolites via SPE-LC-MS/MS in wastewater and insights from their occurrence in a municipal wastewater treatment plant. *Science of the Total Environment*, **2019**, 653, 815-821	10.2	54
119	Influence of co-existed benzo[a]pyrene and copper on the cellular characteristics of Stenotrophomonas maltophilia during biodegradation and transformation. *Bioresource Technology*, **2014**, 158, 181-7	11	53
118	Aerobic biotransformation of decabromodiphenyl ether (PBDE-209) by Pseudomonas aeruginosa. *Chemosphere*, **2013**, 93, 1487-93	8.4	50
117	Soil microplastic pollution in an e-waste dismantling zone of China. *Waste Management*, **2020**, 118, 291-300	8.6	50
116	Hexavalent chromium induced oxidative stress and apoptosis in Pycnoporus sanguineus. *Environmental Pollution*, **2017**, 228, 128-139	9.3	48
115	Bacteria capable of degrading anthracene, phenanthrene, and fluoranthene as revealed by DNA based stable-isotope probing in a forest soil. *Journal of Hazardous Materials*, **2016**, 308, 50-7	12.8	46
114	Bisphenol analogues in Chinese bottled water: Quantification and potential risk analysis. *Science of the Total Environment*, **2020**, 713, 136583	10.2	42
113	Biomonitoring PFAAs in blood and semen samples: Investigation of a potential link between PFAAs exposure and semen mobility in China. *Environment International*, **2018**, 113, 50-54	12.9	39
112	Aerobic degradation of BDE-209 by Enterococcus casseliflavus: Isolation, identification and cell changes during degradation process. *Journal of Hazardous Materials*, **2016**, 308, 335-42	12.8	39
111	Copper biosorption and ions release by Stenotrophomonas maltophilia in the presence of benzo[a]pyrene. *Chemical Engineering Journal*, **2013**, 219, 1-9	14.7	39

110	Effect of 2, 2$ 4, 4Stetrabromodiphenyl ether (BDE-47) and its metabolites on cell viability, oxidative stress, and apoptosis of HepG2. *Chemosphere*, **2018**, 193, 978-988	8.4	38
109	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. *Chemosphere*, **2019**, 221, 693-702	8.4	37
108	Biosorption and biodegradation of triphenyltin by Brevibacillus brevis. *Bioresource Technology*, **2013**, 129, 236-41	11	37
107	Influence of plants on the distribution and composition of PBDEs in soils of an e-waste dismantling area: evidence of the effect of the rhizosphere and selective bioaccumulation. *Environmental Pollution*, **2014**, 186, 104-9	9.3	36
106	Effect of cadmium ion on biodegradation of decabromodiphenyl ether (BDE-209) by Pseudomonas aeruginosa. *Journal of Hazardous Materials*, **2013**, 263 Pt 2, 711-7	12.8	35
105	Relative roles of H-atom transfer and electron transfer in the debromination of polybrominated diphenyl ethers by palladized nanoscale zerovalent iron. *Environmental Pollution*, **2017**, 222, 331-337	9.3	34
104	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. *Ecotoxicology and Environmental Safety*, **2020**, 195, 110521	7	34
103	Effect of copper(II) on biodegradation of benzo[a]pyrene by Stenotrophomonas maltophilia. *Chemosphere*, **2013**, 90, 1811-20	8.4	34
102	The influence of e-waste recycling on the molecular ecological network of soil microbial communities in Pakistan and China. *Environmental Pollution*, **2017**, 231, 173-181	9.3	33
101	Bioremediation of triphenyl phosphate by Brevibacillus brevis: Degradation characteristics and role of cytochrome P450 monooxygenase. *Science of the Total Environment*, **2018**, 627, 1389-1395	10.2	33
100	Photocatalytic debromination of polybrominated diphenyl ethers (PBDEs) on metal doped TiO nanocomposites: Mechanisms and pathways. *Environment International*, **2019**, 127, 5-12	12.9	32
99	Sample-preparation methods for direct and indirect analysis of natural estrogens. *TrAC - Trends in Analytical Chemistry*, **2015**, 64, 149-164	14.6	31
98	Debromination of polybrominated diphenyl ethers (PBDEs) and their conversion to polybrominated dibenzofurans (PBDFs) by UV light: Mechanisms and pathways. *Journal of Hazardous Materials*, **2018**, 354, 1-7	12.8	31
97	Physiological responses of Microcystis aeruginosa against the algicidal bacterium Pseudomonas aeruginosa. *Ecotoxicology and Environmental Safety*, **2016**, 127, 214-21	7	31
96	Global review of phthalates in edible oil: An emerging and nonnegligible exposure source to human. *Science of the Total Environment*, **2020**, 704, 135369	10.2	31
95	Biodegradation of decabromodiphenyl ether (BDE-209) using a novel microbial consortium GY1: Cells viability, pathway, toxicity assessment, and microbial function prediction. *Science of the Total Environment*, **2019**, 668, 958-965	10.2	28
94	Degradation of tris(2-chloroethyl) phosphate (TCEP) in aqueous solution by using pyrite activating persulfate to produce radicals. *Ecotoxicology and Environmental Safety*, **2019**, 174, 667-674	7	27
93	Formation and degradation of polybrominated dibenzofurans (PBDFs) in the UV photolysis of polybrominated diphenyl ethers (PBDEs) in various solutions. *Chemical Engineering Journal*, **2018**, 337, 333-341	14.7	26

92	Biosorption and biodegradation of pyrene by Brevibacillus brevis and cellular responses to pyrene treatment. *Ecotoxicology and Environmental Safety*, **2015**, 115, 166-73	7	26
91	Identification of novel pathways for biotransformation of tetrabromobisphenol A by Phanerochaete chrysosporium, combined with mechanism analysis at proteome level. *Science of the Total Environment*, **2019**, 659, 1352-1361	10.2	26
90	Making waves: Improving removal performance of conventional wastewater treatment plants on endocrine disrupting compounds (EDCs): their conjugates matter. *Water Research*, **2021**, 188, 116469	12.5	26
89	Effects of single and combined copper/perfluorooctane sulfonate on sequencing batch reactor process and microbial community in activated sludge. *Bioresource Technology*, **2017**, 238, 407-415	11	25
88	Characteristics and proteomic analysis of pyrene degradation by Brevibacillus brevis in liquid medium. *Chemosphere*, **2017**, 178, 80-87	8.4	25
87	Mechanisms and pathways of debromination of polybrominated diphenyl ethers (PBDEs) in various nano-zerovalent iron-based bimetallic systems. *Science of the Total Environment*, **2019**, 661, 18-26	10.2	25
86	Degradation of tris-(2-chloroisopropyl) phosphate via UV/TiO2 photocatalysis: kinetic, pathway, and security risk assessment of degradation intermediates using proteomic analyses. *Chemical Engineering Journal*, **2019**, 374, 263-273	14.7	25
85	Simultaneous Cr(VI) removal and 2,2$4,4Stetrabromodiphenyl ether (BDE-47) biodegradation by Pseudomonas aeruginosa in liquid medium. *Chemosphere*, **2016**, 150, 24-32	8.4	25
84	Simultaneous determination of estrogenic odorant alkylphenols, chlorophenols, and their derivatives in water using online headspace solid phase microextraction coupled with gas chromatography-mass spectrometry. *Environmental Science and Pollution Research*, **2016**, 23, 19116-25	5.1	24
83	Tea saponin enhanced biodegradation of decabromodiphenyl ether by Brevibacillus brevis. *Chemosphere*, **2014**, 114, 255-61	8.4	24
82	Biodegradation of Benzo[a]pyrene by Arthrobacter oxydans B4. *Pedosphere*, **2012**, 22, 554-561	5	23
81	Pyrene removal and transformation by joint application of alfalfa and exogenous microorganisms and their influence on soil microbial community. *Ecotoxicology and Environmental Safety*, **2014**, 110, 129-35	7	22
80	Characterisation of the phenanthrene degradation-related genes and degrading ability of a newly isolated copper-tolerant bacterium. *Environmental Pollution*, **2017**, 220, 1059-1067	9.3	22
79	Debromination of polybrominated diphenyl ethers (PBDEs) by zero valent zinc: Mechanisms and predicting descriptors. *Journal of Hazardous Materials*, **2018**, 352, 165-171	12.8	21
78	Plant selective uptake of halogenated flame retardants at an e-waste recycling site in southern China. *Environmental Pollution*, **2016**, 214, 705-712	9.3	21
77	Fast trace determination of nine odorant and estrogenic chloro- and bromo-phenolic compounds in real water samples through automated solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. *Environmental Science and Pollution Research*, **2018**, 25, 3813-3822	5.1	21
76	Rapid debromination of polybrominated diphenyl ethers (PBDEs) by zero valent metal and bimetals: Mechanisms and pathways assisted by density function theory calculation. *Environmental Pollution*, **2018**, 240, 745-753	9.3	21
75	Simultaneous determination of eleven estrogenic and odorous chloro- and bromo-phenolic compounds in surface water through an automated online headspace SPME followed by on-fiber derivatization coupled with GC-MS. *Analytical Methods*, **2017**, 9, 4819-4827	3.2	20

74	Do estrogenic compounds in drinking water migrating from plastic pipe distribution system pose adverse effects to human? An analysis of scientific literature. *Environmental Science and Pollution Research*, **2017**, 24, 2126-2134	5.1	20
73	Proteomic mechanism of decabromodiphenyl ether (BDE-209) biodegradation by Microbacterium Y2 and its potential in remediation of BDE-209 contaminated water-sediment system. *Journal of Hazardous Materials*, **2020**, 387, 121708	12.8	20
72	Levels of six antibiotics used in China estimated by means of wastewater-based epidemiology. *Water Science and Technology*, **2016**, 73, 769-75	2.2	20
71	Do we underestimate the concentration of estriol in raw municipal wastewater?. *Environmental Science and Pollution Research*, **2015**, 22, 4753-8	5.1	19
70	Trace determination of eleven natural estrogens and insights from their occurrence in a municipal wastewater treatment plant and river water. *Water Research*, **2020**, 182, 115976	12.5	19
69	Reductive debromination of decabromodiphenyl ether by iron sulfide-coated nanoscale zerovalent iron: mechanistic insights from Fe(II) dissolution and solvent kinetic isotope effects. *Environmental Pollution*, **2019**, 253, 161-170	9.3	19
68	Human exposure of bisphenol A and its analogues: understandings from human urinary excretion data and wastewater-based epidemiology. *Environmental Science and Pollution Research*, **2020**, 27, 3247-3256	5.1	19
67	Photodegradation of 4,4Sdibrominated diphenyl ether in Triton X-100 micellar solution. *Chemosphere*, **2017**, 180, 423-429	8.4	18
66	Genome shuffling of Saccharomyces cerevisiae for enhanced glutathione yield and relative gene expression analysis using fluorescent quantitation reverse transcription polymerase chain reaction. *Journal of Microbiological Methods*, **2016**, 127, 188-192	2.8	18
65	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. *Chemosphere*, **2019**, 222, 517-526	8.4	17
64	Oxidation degradation of tris-(2-chloroisopropyl) phosphate by ultraviolet driven sulfate radical: Mechanisms and toxicology assessment of degradation intermediates using flow cytometry analyses. *Science of the Total Environment*, **2019**, 687, 732-740	10.2	17
63	Physiology and bioprocess of single cell of Stenotrophomonas maltophilia in bioremediation of co-existed benzo[a]pyrene and copper. *Journal of Hazardous Materials*, **2017**, 321, 9-17	12.8	17
62	Synergistic solubilization of low-brominated diphenyl ether mixtures in nonionic surfactant micelles. *Journal of Molecular Liquids*, **2016**, 223, 252-260	6	17
61	Removal of triphenyl phosphate by nanoscale zerovalent iron (nZVI) activated bisulfite: Performance, surface reaction mechanism and sulfate radical-mediated degradation pathway. *Environmental Pollution*, **2020**, 260, 113983	9.3	16
60	Sulfate-reducing bacteria in anaerobic bioprocesses: basic properties of pure isolates, molecular quantification, and controlling strategies. *Environmental Technology Reviews*, **2018**, 7, 46-72	7.7	16
59	Biodegradation of 2,2Ş4,4Stetrabromodiphenyl ether (BDE-47) by Phanerochaete chrysosporium in the presence of Cd. *Environmental Science and Pollution Research*, **2017**, 24, 11415-11424	5.1	15
58	Identification of biphenyl-metabolising microbes in activated biosludge using cultivation-independent and -dependent approaches. *Journal of Hazardous Materials*, **2018**, 353, 534-541	12.8	15
57	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of Pycnoporus sanguineus during their removal and reduction. *Ecotoxicology and Environmental Safety*, **2017**, 142, 388-398	7	14

56	Sulfidation enhanced reduction of polybrominated diphenyl ether and Pb(II) combined pollutants by nanoscale zerovalent iron: Competitive reaction between pollutants and electronic transmission mechanism. *Chemical Engineering Journal*, **2020**, 395, 125085	14.7	14
55	Bioremediation of triphenyl phosphate in river water microcosms: Proteome alteration of Brevibacillus brevis and cytotoxicity assessments. *Science of the Total Environment*, **2019**, 649, 563-570	10.2	14
54	Effects of surfactant on the degradation of 2,2Ş4,4Stetrabromodiphenyl ether (BDE-47) by nanoscale Ag/Fe particles: Kinetics, mechanisms and intermediates. *Environmental Pollution*, **2019**, 245, 780-788	9.3	14
53	Photodebromination behaviors of polybrominated diphenyl ethers in methanol/water systems: Mechanisms and predicting descriptors. *Science of the Total Environment*, **2017**, 595, 666-672	10.2	13
52	Estimated human excretion rates of natural estrogens calculated from their concentrations in raw municipal wastewater and its application. *Environmental Science and Pollution Research*, **2015**, 22, 9554-62	5.1	13
51	iTRAQ-based proteomic profiling of Pycnoporus sanguineus in response to co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium. *Environmental Pollution*, **2018**, 242, 1758-1767	8.3	13
50	Biodegradation of triphenyl phosphate using an efficient bacterial consortium GYY: Degradation characteristics, metabolic pathway and 16S rRNA genes analysis. *Science of the Total Environment*, **2020**, 713, 136598	10.2	12
49	Photodegradation of 2,4,4Stribrominated diphenyl ether in various surfactant solutions: kinetics, mechanisms and intermediates. *Environmental Sciences: Processes and Impacts*, **2018**, 20, 806-812	4.3	11
48	Metabolic biotransformation of copper-benzo[a]pyrene combined pollutant on the cellular interface of Stenotrophomonas maltophilia. *Bioresource Technology*, **2016**, 204, 26-31	11	11
47	Triphenyltin biodegradation and intracellular material release by Brevibacillus brevis. *Chemosphere*, **2014**, 105, 62-7	8.4	11
46	Influence of the co-exposure of microplastics and tetrabromobisphenol A on human gut: Simulation in vitro with human cell Caco-2 and gut microbiota. *Science of the Total Environment*, **2021**, 778, 146264	10.2	11
45	Rate constants for the reaction of hydroxyl and sulfate radicals with organophosphorus esters (OPEs) determined by competition method. *Ecotoxicology and Environmental Safety*, **2019**, 170, 300-305	7	11
44	Photodegradation behaviors of polychlorinated biphenyls in methanol by UV-irradiation: Solvent adducts and sigmatropic arrangement. *Chemosphere*, **2018**, 193, 861-868	8.4	11
43	Debromination of polybrominated biphenyls (PBBs) by zero valent metals and iron-based bimetallic particles: Mechanisms, pathways and predicting descriptor. *Chemical Engineering Journal*, **2018**, 351, 773-781	14.7	11
42	Biodegradation of tricresyl phosphate isomers by Brevibacillus brevis: Degradation pathway and metabolic mechanism. *Chemosphere*, **2019**, 232, 195-203	8.4	10
41	A preliminary study about the influence of high hydrostatic pressure processing on the physicochemical and sensorial properties of a cloudy wheat beer. *Journal of the Institute of Brewing*, **2016**, 122, 462-467	2	10
40	Characterisation and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in soils and plants around e-waste dismantling sites in southern China. *Environmental Science and Pollution Research*, **2017**, 24, 22173-22182	5.1	10
39	Strategy for effective inhibition of arylsulfatase/Eglucuronidase to prevent deconjugation of sulfate and glucuronide conjugates in wastewater during sample collection and storage. *Science of the Total Environment*, **2020**, 703, 135536	10.2	10

38	Application of PlackettBurman experimental design for investigating the effect of wort amino acids on flavour-active compounds production during lager yeast fermentation. *Journal of the Institute of Brewing*, **2017**, 123, 300-311	2	9
37	Debromination of 2,2$4,4Stetrabromodiphenyl ether (BDE-47) by synthetic Pd/Fe and Cu/Fe in different protic solvents. *Chemosphere*, **2018**, 212, 946-953	8.4	9
36	Carbon materials in persulfate-based advanced oxidation processes: The roles and construction of active sites.. *Journal of Hazardous Materials*, **2021**, 426, 128044	12.8	8
35	Removal of heavy metal ions and polybrominated biphenyl ethers by sulfurized nanoscale zerovalent iron: Compound effects and removal mechanism. *Journal of Hazardous Materials*, **2021**, 414, 125555	12.8	8
34	Co-metabolic and biochar-promoted biodegradation of mixed PAHs by highly efficient microbial consortium QY1. *Journal of Environmental Sciences*, **2021**, 107, 65-76	6.4	8
33	Rhizospheric effects on the microbial community of e-waste-contaminated soils using phospholipid fatty acid and isoprenoid glycerol dialkyl glycerol tetraether analyses. *Environmental Science and Pollution Research*, **2018**, 25, 9904-9914	5.1	7
32	Cadmium-induced stress response of Phanerochaete chrysosporium during the biodegradation of 2,2$4,4Stetrabromodiphenyl ether (BDE-47). *Ecotoxicology and Environmental Safety*, **2018**, 154, 45-51	7	7
31	Degradation mechanism, intermediates and toxicology assessment of tris-(2-chloroisopropyl) phosphate using ultraviolet activated hydrogen peroxide. *Chemosphere*, **2020**, 241, 124991	8.4	7
30	Enhanced bioremediation of 2,3$4,4$5-pentachlorodiphenyl by consortium GYB1 immobilized on sodium alginate-biochar. *Science of the Total Environment*, **2021**, 788, 147774	10.2	7
29	A preliminary study of the quality attributes of a cloudy wheat beer treated by flash pasteurization. *Journal of the Institute of Brewing*, **2017**, 123, 366-372	2	6
28	Effect of nitrate on the phototreatment of Triton X-100 simulated washing waste containing 4,4Sdibromodiphenyl ether: Kinetics, products and toxicity assessment. *Science of the Total Environment*, **2020**, 732, 139247	10.2	6
27	Concentrations of phthalates metabolites in blood and semen and the potential effects on semen concentration and motility among residents of the Pearl River Delta region in China. *Emerging Contaminants*, **2020**, 6, 39-43	5.8	6
26	Identification and evaluation of a dominant alga from municipal wastewater in removal of nutrients. *Water Science and Technology*, **2016**, 74, 2727-2735	2.2	6
25	Photocatalytic degradation of polybrominated biphenyls (PBBs) on metal doped TiO2 nanocomposites in aqueous environments: mechanisms and solution effects. *Environmental Science: Nano*, **2019**, 6, 1111-1120	7.1	6
24	Environmental contamination and human exposure of polychlorinated biphenyls (PCBs) in China: A review. *Science of the Total Environment*, **2022**, 805, 150270	10.2	6
23	Cellular changes of microbial consortium GY1 during decabromodiphenyl ether (BDE-209) biodegradation and identification of strains responsible for BDE-209 degradation in GY1. *Chemosphere*, **2020**, 249, 126205	8.4	5
22	Simultaneous adsorption of Cd and photocatalytic degradation of tris-(2-chloroisopropyl) phosphate (TCPP) by mesoporous TiO. *Chemosphere*, **2021**, 267, 129238	8.4	5
21	Degradation of 2,2$4,4Stetrabromodiphenyl ether by Pycnoporus sanguineus in the presence of copper ions. *Journal of Environmental Sciences*, **2019**, 83, 133-143	6.4	4

20	The formation pathways of polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) from pyrolysis of polybrominated diphenyl ethers (PBDEs): Effects of bromination arrangement and level. *Journal of Hazardous Materials*, **2020**, 399, 123004	12.8	4
19	Amino-functionalized MIL-88B as heterogeneous photo-Fenton catalysts for enhancing tris-(2-chloroisopropyl) phosphate (TCPP) degradation: Dual excitation pathways accelerate the conversion of Fe to Fe under visible light irradiation. *Journal of Hazardous Materials*, **2021**, 425, 127782	12.8	4
18	Photoassisted degradation of 2,2$4,4Stetrabrominated diphenyl ether in simulated soil washing system containing Triton X series surfactants. *Environmental Pollution*, **2020**, 265, 115005	9.3	4
17	Effects of methanol on the performance of a novel BDE-47 degrading bacterial consortium QY2 in the co-metabolism process. *Journal of Hazardous Materials*, **2021**, 415, 125698	12.8	4
16	Debromination of polybrominated diphenyl ethers (PBDEs) by palladized zerovalent zinc particles: Influence factors, pathways and mechanism. *Chemosphere*, **2020**, 253, 126726	8.4	3
15	Experimental and theoretical investigations on debromination pathways of polybrominated biphenyls (PBBs) under ultraviolet light. *Chemosphere*, **2018**, 212, 1-7	8.4	3
14	MgO-loaded nitrogen and phosphorus self-doped biochar: High-efficient adsorption of aquatic Cu, Cd, and Pb and its remediation efficiency on heavy metal contaminated soil.. *Chemosphere*, **2022**, 133733	8.4	3
13	Degradation of organophosphorus flame retardants in heterogeneous photo-Fenton system driven by Fe(III)-based metal organic framework: Intermediates and their potential interference on bacterial metabolism. *Chemosphere*, **2021**, 291, 133072	8.4	3
12	Application of Ag/TiO2 in photocatalytic degradation of 2,2?,4,4?-tetrabromodiphenyl ether in simulated washing waste containing Triton X-100. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105077	6.8	3
11	Synergistic removal of Cr(VI) by S-nZVI and organic acids: The enhanced electron selectivity and pH-dependent promotion mechanisms. *Journal of Hazardous Materials*, **2022**, 423, 127240	12.8	3
10	Co-metabolic degradation of tetrabromobisphenol A by Pseudomonas aeruginosa and its auto-poisoning effect caused during degradation process. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110919	7	2
9	Transcriptome profiling of Pseudomonas aeruginosa YH reveals mechanisms of 2, 2$ 4, 4Stetrabrominated diphenyl ether tolerance and biotransformation. *Journal of Hazardous Materials* , **2021**, 403, 124038	12.8	2
8	Enhanced tris-(2-chloroisopropyl) phosphate degradation through ultraviolet driven peroxymonosulfate process: Kinetics, mechanism, residual toxicity assessment of intermediates products by proteomics. *Science of the Total Environment*, **2021**, 786, 147583	10.2	2
7	Characteristics of copper removal and ion release during copper biosorption by Stenotrophomonas maltophilia in presence of benzo[a]pyrene. *Journal of Central South University*, **2013**, 20, 2796-2805	2.1	1
6	Degradation of tris(2-chloroethyl) phosphate (TCEP) by thermally activated persulfate: Combination of experimental and theoretical study. *Science of the Total Environment*, **2021**, 809, 152185	10.2	1
5	Transcriptional profiling of amino acid supplementation and impact on aroma production in a lager yeast fermentation. *Journal of the Institute of Brewing*, **2018**, 124, 425-433	2	1
4	Biodegradation of tricresyl phosphates isomers by a novel microbial consortium and the toxicity evaluation of its major products.. *Science of the Total Environment*, **2022**, 154415	10.2	0
3	Discrepancy strategies of sediment abundant and rare microbial communities in response to floating microplastic disturbances: Study using a microcosmic experiment.. *Science of the Total Environment*, **2022**, 835, 155346	10.2	0

2	Understanding the role of biochar in affecting BDE-47 biodegradation by Pseudomonas plecoglossicida: An integrated analysis using chemical, biological, and metabolomic approaches. *Water Research*, **2022**, 220, 118679	12.5	0
1	Effect of Pb2+, Cd2+, Cu2+ and dissolved organic carbon (DOC) on the distribution and partition of decabromodiphenyl ether (BDE-209) in a water–sediment system. *RSC Advances*, **2015**, 5, 105259-105265	3.7	