

# Hua Yin

## List of Publications by Year in descending order

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128  
papers

4,663  
citations

81900

39  
h-index

138484

58  
g-index

135  
all docs

135  
docs citations

135  
times ranked

4299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental contamination and human exposure of polychlorinated biphenyls (PCBs) in China: A review. <i>Science of the Total Environment</i> , 2022, 805, 150270.	8.0	65
2	Synergistic removal of Cr(VI) by S-nZVI and organic acids: The enhanced electron selectivity and pH-dependent promotion mechanisms. <i>Journal of Hazardous Materials</i> , 2022, 423, 127240.	12.4	43
3	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. <i>Chemosphere</i> , 2022, 291, 133072.	8.2	14
4	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(III) to Fe(II) under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2022, 425, 127782.	12.4	24
5	Degradation of tris(2-chloroethyl) phosphate (TCEP) by thermally activated persulfate: Combination of experimental and theoretical study. <i>Science of the Total Environment</i> , 2022, 809, 152185.	8.0	15
6	Carbon materials in persulfate-based advanced oxidation processes: The roles and construction of active sites. <i>Journal of Hazardous Materials</i> , 2022, 426, 128044.	12.4	87
7	MgO-loaded nitrogen and phosphorus self-doped biochar: High-efficient adsorption of aquatic Cu <sup>2+</sup> , Cd <sup>2+</sup> , and Pb <sup>2+</sup> and its remediation efficiency on heavy metal contaminated soil. <i>Chemosphere</i> , 2022, 294, 133733.	8.2	66
8	Biodegradation of tricresyl phosphates isomers by a novel microbial consortium and the toxicity evaluation of its major products. <i>Science of the Total Environment</i> , 2022, 828, 154415.	8.0	7
9	Discrepancy strategies of sediment abundant and rare microbial communities in response to floating microplastic disturbances: Study using a microcosmic experiment. <i>Science of the Total Environment</i> , 2022, 835, 155346.	8.0	22
10	Understanding the role of biochar in affecting BDE-47 biodegradation by <i>Pseudomonas plecoglossicida</i> : An integrated analysis using chemical, biological, and metabolomic approaches. <i>Water Research</i> , 2022, 220, 118679.	11.3	17
11	Promotion of the biodegradation of phenanthrene adsorbed on microplastics by the functional bacterial consortium QY1 in the presence of humic acid: Bioavailability and toxicity evaluation. <i>Environmental Pollution</i> , 2022, 307, 119591.	7.5	5
12	Making waves: Improving removal performance of conventional wastewater treatment plants on endocrine disrupting compounds (EDCs): their conjugates matter. <i>Water Research</i> , 2021, 188, 116469.	11.3	46
13	Simultaneous adsorption of Cd <sup>2+</sup> and photocatalytic degradation of tris-(2-chloroisopropyl) phosphate (TCPP) by mesoporous TiO <sub>2</sub> . <i>Chemosphere</i> , 2021, 267, 129238.	8.2	9
14	Transcriptome profiling of <i>Pseudomonas aeruginosa</i> YH reveals mechanisms of 2,2,4,4-tetrabrominated diphenyl ether tolerance and biotransformation. <i>Journal of Hazardous Materials</i> , 2021, 403, 124038.	12.4	18
15	Application of Ag/TiO <sub>2</sub> in photocatalytic degradation of 2,2,4,4-tetrabromodiphenyl ether in simulated washing waste containing Triton X-100. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105077.	6.7	9
16	Removal of heavy metal ions and polybrominated biphenyl ethers by sulfurized nanoscale zerovalent iron: Compound effects and removal mechanism. <i>Journal of Hazardous Materials</i> , 2021, 414, 125555.	12.4	27
17	Influence of the co-exposure of microplastics and tetrabromobisphenol A on human gut: Simulation in vitro with human cell Caco-2 and gut microbiota. <i>Science of the Total Environment</i> , 2021, 778, 146264.	8.0	54
18	Effects of methanol on the performance of a novel BDE-47 degrading bacterial consortium QY2 in the co-metabolism process. <i>Journal of Hazardous Materials</i> , 2021, 415, 125698.	12.4	21

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19	Enhanced tris-(2-chloroisopropyl) phosphate degradation through ultraviolet driven peroxymonosulfate process: Kinetics, mechanism, residual toxicity assessment of intermediates products by proteomics. <i>Science of the Total Environment</i> , 2021, 786, 147583.	8.0	6
20	Enhanced bioremediation of 2,3,4,5-pentachlorodiphenyl by consortium GYB1 immobilized on sodium alginate-biochar. <i>Science of the Total Environment</i> , 2021, 788, 147774.	8.0	38
21	Co-metabolic and biochar-promoted biodegradation of mixed PAHs by highly efficient microbial consortium QY1. <i>Journal of Environmental Sciences</i> , 2021, 107, 65-76.	6.1	33
22	Degradation mechanism, intermediates and toxicology assessment of tris-(2-chloroisopropyl) phosphate using ultraviolet activated hydrogen peroxide. <i>Chemosphere</i> , 2020, 241, 124991.	8.2	14
23	Strategy for effective inhibition of arylsulfatase/β-glucuronidase to prevent deconjugation of sulfate and glucuronide conjugates in wastewater during sample collection and storage. <i>Science of the Total Environment</i> , 2020, 703, 135536.	8.0	17
24	Proteomic mechanism of decabromodiphenyl ether (BDE-209) biodegradation by <i>Microbacterium</i> Y2 and its potential in remediation of BDE-209 contaminated water-sediment system. <i>Journal of Hazardous Materials</i> , 2020, 387, 121708.	12.4	44
25	Human exposure of bisphenol A and its analogues: understandings from human urinary excretion data and wastewater-based epidemiology. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3247-3256.	5.3	49
26	Global review of phthalates in edible oil: An emerging and nonnegligible exposure source to human. <i>Science of the Total Environment</i> , 2020, 704, 135369.	8.0	56
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. <i>Emerging Contaminants</i> , 2020, 6, 39-43.	4.9	12
28	Soil microplastic pollution in an e-waste dismantling zone of China. <i>Waste Management</i> , 2020, 118, 291-301.	7.4	121
29	Photoassisted degradation of 2,2,4,4-tetrabrominated diphenyl ether in simulated soil washing system containing Triton X series surfactants. <i>Environmental Pollution</i> , 2020, 265, 115005.	7.5	7
30	Debromination of polybrominated diphenyl ethers (PBDEs) by palladized zerovalent zinc particles: Influence factors, pathways and mechanism. <i>Chemosphere</i> , 2020, 253, 126726.	8.2	6
31	Trace determination of eleven natural estrogens and insights from their occurrence in a municipal wastewater treatment plant and river water. <i>Water Research</i> , 2020, 182, 115976.	11.3	40
32	Effect of nitrate on the phototreatment of Triton X-100 simulated washing waste containing 4,4-dibromodiphenyl ether: Kinetics, products and toxicity assessment. <i>Science of the Total Environment</i> , 2020, 732, 139247.	8.0	16
33	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. <i>Journal of Hazardous Materials</i> , 2020, 399, 123004.	12.4	12
34	Co-metabolic degradation of tetrabromobisphenol A by <i>Pseudomonas aeruginosa</i> and its auto-poisoning effect caused during degradation process. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110919.	6.0	9
35	Cellular changes of microbial consortium GY1 during decabromodiphenyl ether (BDE-209) biodegradation and identification of strains responsible for BDE-209 degradation in GY1. <i>Chemosphere</i> , 2020, 249, 126205.	8.2	19
36	Bisphenol analogues in Chinese bottled water: Quantification and potential risk analysis. <i>Science of the Total Environment</i> , 2020, 713, 136583.	8.0	88

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37	Removal of triphenyl phosphate by nanoscale zerovalent iron (nZVI) activated bisulfite: Performance, surface reaction mechanism and sulfate radical-mediated degradation pathway. <i>Environmental Pollution</i> , 2020, 260, 113983.	7.5	34
38	Biodegradation of triphenyl phosphate using an efficient bacterial consortium GYY: Degradation characteristics, metabolic pathway and 16S rRNA genes analysis. <i>Science of the Total Environment</i> , 2020, 713, 136598.	8.0	24
39	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110521.	6.0	62
40	Sulfidation enhanced reduction of polybrominated diphenyl ether and Pb(II) combined pollutants by nanoscale zerovalent iron: Competitive reaction between pollutants and electronic transmission mechanism. <i>Chemical Engineering Journal</i> , 2020, 395, 125085.	12.7	27
41	Reductive debromination of decabromodiphenyl ether by iron sulfide-coated nanoscale zerovalent iron: mechanistic insights from Fe(II) dissolution and solvent kinetic isotope effects. <i>Environmental Pollution</i> , 2019, 253, 161-170.	7.5	37
42	Insights into removal mechanisms of bisphenol A and its analogues in municipal wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 692, 107-116.	8.0	116
43	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. <i>Chemosphere</i> , 2019, 221, 693-702.	8.2	60
44	Mechanisms and pathways of debromination of polybrominated diphenyl ethers (PBDEs) in various nano-zerovalent iron-based bimetallic systems. <i>Science of the Total Environment</i> , 2019, 661, 18-26.	8.0	42
45	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. <i>Chemosphere</i> , 2019, 222, 517-526.	8.2	30
46	Biodegradation of tricresyl phosphate isomers by <i>Brevibacillus brevis</i> : Degradation pathway and metabolic mechanism. <i>Chemosphere</i> , 2019, 232, 195-203.	8.2	24
47	Oxidation degradation of tris-(2-chloroisopropyl) phosphate by ultraviolet driven sulfate radical: Mechanisms and toxicology assessment of degradation intermediates using flow cytometry analyses. <i>Science of the Total Environment</i> , 2019, 687, 732-740.	8.0	26
48	Degradation of tris-(2-chloroisopropyl) phosphate via UV/TiO <sub>2</sub> photocatalysis: kinetic, pathway, and security risk assessment of degradation intermediates using proteomic analyses. <i>Chemical Engineering Journal</i> , 2019, 374, 263-273.	12.7	32
49	Degradation of tris(2-chloroethyl) phosphate (TCEP) in aqueous solution by using pyrite activating persulfate to produce radicals. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 667-674.	6.0	62
50	Biodegradation of decabromodiphenyl ether (BDE-209) using a novel microbial consortium GY1: Cells viability, pathway, toxicity assessment, and microbial function prediction. <i>Science of the Total Environment</i> , 2019, 668, 958-965.	8.0	46
51	Degradation of 2,4-tetrabromodiphenyl ether by <i>Pycnoporus sanguineus</i> in the presence of copper ions. <i>Journal of Environmental Sciences</i> , 2019, 83, 133-143.	6.1	6
52	Photocatalytic debromination of polybrominated diphenyl ethers (PBDEs) on metal doped TiO <sub>2</sub> nanocomposites: Mechanisms and pathways. <i>Environment International</i> , 2019, 127, 5-12.	10.0	49
53	Photocatalytic degradation of polybrominated biphenyls (PBBs) on metal doped TiO <sub>2</sub> nanocomposites in aqueous environments: mechanisms and solution effects. <i>Environmental Science: Nano</i> , 2019, 6, 1111-1120.	4.3	8
54	Bioremediation of triphenyl phosphate in river water microcosms: Proteome alteration of <i>Brevibacillus brevis</i> and cytotoxicity assessments. <i>Science of the Total Environment</i> , 2019, 649, 563-570.	8.0	21

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55	Rate constants for the reaction of hydroxyl and sulfate radicals with organophosphorus esters (OPEs) determined by competition method. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 300-305.	6.0	17
56	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. <i>Science of the Total Environment</i> , 2019, 653, 815-821.	8.0	99
57	Effects of surfactant on the degradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) by nanoscale Ag/Fe particles: Kinetics, mechanisms and intermediates. <i>Environmental Pollution</i> , 2019, 245, 780-788.	7.5	16
58	Identification of novel pathways for biotransformation of tetrabromobisphenol A by <i>Phanerochaete chrysosporium</i> , combined with mechanism analysis at proteome level. <i>Science of the Total Environment</i> , 2019, 659, 1352-1361.	8.0	39
59	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. <i>Science of the Total Environment</i> , 2018, 626, 971-981.	8.0	133
60	Sulfate-reducing bacteria in anaerobic bioprocesses: basic properties of pure isolates, molecular quantification, and controlling strategies. <i>Environmental Technology Reviews</i> , 2018, 7, 46-72.	4.3	24
61	Photodegradation of 2,4,4-tribrominated diphenyl ether in various surfactant solutions: kinetics, mechanisms and intermediates. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 806-812.	3.5	11
62	Identification of biphenyl-metabolising microbes in activated biosludge using cultivation-independent and -dependent approaches. <i>Journal of Hazardous Materials</i> , 2018, 353, 534-541.	12.4	27
63	Debromination of polybrominated diphenyl ethers (PBDEs) by zero valent zinc: Mechanisms and predicting descriptors. <i>Journal of Hazardous Materials</i> , 2018, 352, 165-171.	12.4	28
64	Rhizospheric effects on the microbial community of e-waste-contaminated soils using phospholipid fatty acid and isoprenoid glycerol dialkyl glycerol tetraether analyses. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9904-9914.	5.3	9
65	Biomonitoring PFAAs in blood and semen samples: Investigation of a potential link between PFAAs exposure and semen mobility in China. <i>Environment International</i> , 2018, 113, 50-54.	10.0	57
66	Formation and degradation of polybrominated dibenzofurans (PBDFs) in the UV photolysis of polybrominated diphenyl ethers (PBDEs) in various solutions. <i>Chemical Engineering Journal</i> , 2018, 337, 333-341.	12.7	34
67	Debromination of polybrominated diphenyl ethers (PBDEs) and their conversion to polybrominated dibenzofurans (PBDFs) by UV light: Mechanisms and pathways. <i>Journal of Hazardous Materials</i> , 2018, 354, 1-7.	12.4	39
68	Bioremediation of triphenyl phosphate by <i>Brevibacillus brevis</i> : Degradation characteristics and role of cytochrome P450 monooxygenase. <i>Science of the Total Environment</i> , 2018, 627, 1389-1395.	8.0	57
69	Photodegradation behaviors of polychlorinated biphenyls in methanol by UV-irradiation: Solvent adducts and sigmatropic arrangement. <i>Chemosphere</i> , 2018, 193, 861-868.	8.2	15
70	Effect of 2, 2, 4, 4-tetrabromodiphenyl ether (BDE-47) and its metabolites on cell viability, oxidative stress, and apoptosis of HepG2. <i>Chemosphere</i> , 2018, 193, 978-988.	8.2	54
71	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. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3813-3822.	5.3	34
72	Migration and potential risk of trace phthalates in bottled water: A global situation. <i>Water Research</i> , 2018, 147, 362-372.	11.3	134

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73	Transcriptional profiling of amino acid supplementation and impact on aroma production in a lager yeast fermentation. <i>Journal of the Institute of Brewing</i> , 2018, 124, 425-433.	2.3	2
74	Debromination of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) by synthetic Pd/Fe0 and Cu/Fe0 in different protic solvents. <i>Chemosphere</i> , 2018, 212, 946-953.	8.2	12
75	Rapid debromination of polybrominated diphenyl ethers (PBDEs) by zero valent metal and bimetals: Mechanisms and pathways assisted by density function theory calculation. <i>Environmental Pollution</i> , 2018, 240, 745-753.	7.5	29
76	Debromination of polybrominated biphenyls (PBBs) by zero valent metals and iron-based bimetallic particles: Mechanisms, pathways and predicting descriptor. <i>Chemical Engineering Journal</i> , 2018, 351, 773-781.	12.7	18
77	iTRAQ-based proteomic profiling of <i>Pycnoporus sanguineus</i> in response to co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium. <i>Environmental Pollution</i> , 2018, 242, 1758-1767.	7.5	22
78	Cadmium-induced stress response of <i>Phanerochaete chrysosporium</i> during the biodegradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47). <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 45-51.	6.0	15
79	Experimental and theoretical investigations on debromination pathways of polybrominated biphenyls (PBBs) under ultraviolet light. <i>Chemosphere</i> , 2018, 212, 1-7.	8.2	4
80	Relative roles of H-atom transfer and electron transfer in the debromination of polybrominated diphenyl ethers by palladized nanoscale zerovalent iron. <i>Environmental Pollution</i> , 2017, 222, 331-337.	7.5	41
81	Application of Plackett-Burman experimental design for investigating the effect of wort amino acids on flavour-active compounds production during lager yeast fermentation. <i>Journal of the Institute of Brewing</i> , 2017, 123, 300-311.	2.3	15
82	Photodebromination behaviors of polybrominated diphenyl ethers in methanol/water systems: Mechanisms and predicting descriptors. <i>Science of the Total Environment</i> , 2017, 595, 666-672.	8.0	17
83	Photodegradation of 4,4-dibrominated diphenyl ether in Triton X-100 micellar solution. <i>Chemosphere</i> , 2017, 180, 423-429.	8.2	23
84	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of <i>Pycnoporus sanguineus</i> during their removal and reduction. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 388-398.	6.0	18
85	Effects of single and combined copper/perfluorooctane sulfonate on sequencing batch reactor process and microbial community in activated sludge. <i>Bioresource Technology</i> , 2017, 238, 407-415.	9.6	37
86	Hexavalent chromium induced oxidative stress and apoptosis in <i>Pycnoporus sanguineus</i> . <i>Environmental Pollution</i> , 2017, 228, 128-139.	7.5	67
87	Worldwide human daily intakes of bisphenol A (BPA) estimated from global urinary concentration data (2000-2016) and its risk analysis. <i>Environmental Pollution</i> , 2017, 230, 143-152.	7.5	151
88	A preliminary study of the quality attributes of a cloudy wheat beer treated by flash pasteurization. <i>Journal of the Institute of Brewing</i> , 2017, 123, 366-372.	2.3	10
89	Drivers and applications of integrated clean-up technologies for surfactant-enhanced remediation of environments contaminated with polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Pollution</i> , 2017, 225, 129-140.	7.5	95
90	Biodegradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) by <i>Phanerochaete chrysosporium</i> in the presence of Cd <sup>2+</sup> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 11415-11424.	5.3	23

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91	Characteristics and proteomic analysis of pyrene degradation by <i>Brevibacillus brevis</i> in liquid medium. <i>Chemosphere</i> , 2017, 178, 80-87.	8.2	37
92	The influence of e-waste recycling on the molecular ecological network of soil microbial communities in Pakistan and China. <i>Environmental Pollution</i> , 2017, 231, 173-181.	7.5	50
93	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. <i>Analytical Methods</i> , 2017, 9, 4819-4827.	2.7	31
94	Characterisation and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in soils and plants around e-waste dismantling sites in southern China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22173-22182.	5.3	13
95	Do estrogenic compounds in drinking water migrating from plastic pipe distribution system pose adverse effects to human? An analysis of scientific literature. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2126-2134.	5.3	32
96	Physiology and bioprocess of single cell of <i>Stenotrophomonas maltophilia</i> in bioremediation of co-existed benzo[a]pyrene and copper. <i>Journal of Hazardous Materials</i> , 2017, 321, 9-17.	12.4	24
97	Characterisation of the phenanthrene degradation-related genes and degrading ability of a newly isolated copper-tolerant bacterium. <i>Environmental Pollution</i> , 2017, 220, 1059-1067.	7.5	36
98	Identification and evaluation of a dominant alga from municipal wastewater in removal of nutrients. <i>Water Science and Technology</i> , 2016, 74, 2727-2735.	2.5	8
99	Levels of six antibiotics used in China estimated by means of wastewater-based epidemiology. <i>Water Science and Technology</i> , 2016, 73, 769-775.	2.5	31
100	Plant selective uptake of halogenated flame retardants at an e-waste recycling site in southern China. <i>Environmental Pollution</i> , 2016, 214, 705-712.	7.5	30
101	Synergistic solubilization of low-brominated diphenyl ether mixtures in nonionic surfactant micelles. <i>Journal of Molecular Liquids</i> , 2016, 223, 252-260.	4.9	21
102	A preliminary study about the influence of high hydrostatic pressure processing on the physicochemical and sensorial properties of a cloudy wheat beer. <i>Journal of the Institute of Brewing</i> , 2016, 122, 462-467.	2.3	21
103	Simultaneous determination of estrogenic odorant alkylphenols, chlorophenols, and their derivatives in water using online headspace solid phase microextraction coupled with gas chromatography-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19116-19125.	5.3	31
104	Genome shuffling of <i>Saccharomyces cerevisiae</i> for enhanced glutathione yield and relative gene expression analysis using fluorescent quantitation reverse transcription polymerase chain reaction. <i>Journal of Microbiological Methods</i> , 2016, 127, 188-192.	1.6	22
105	Physiological responses of <i>Microcystis aeruginosa</i> against the algicidal bacterium <i>Pseudomonas aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 214-221.	6.0	51
106	Simultaneous Cr(VI) removal and 2,2,4,4-tetrabromodiphenyl ether (BDE-47) biodegradation by <i>Pseudomonas aeruginosa</i> in liquid medium. <i>Chemosphere</i> , 2016, 150, 24-32.	8.2	34
107	Bacteria capable of degrading anthracene, phenanthrene, and fluoranthene as revealed by DNA based stable-isotope probing in a forest soil. <i>Journal of Hazardous Materials</i> , 2016, 308, 50-57.	12.4	59
108	Aerobic degradation of BDE-209 by <i>Enterococcus casseliflavus</i> : Isolation, identification and cell changes during degradation process. <i>Journal of Hazardous Materials</i> , 2016, 308, 335-342.	12.4	59

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109	Metabolic biotransformation of copperâ€“benzo[a]pyrene combined pollutant on the cellular interface of <i>Stenotrophomonas maltophilia</i> . <i>Bioresource Technology</i> , 2016, 204, 26-31.	9.6	17
110	Removal of Natural Estrogens and Their Conjugates in Municipal Wastewater Treatment Plants: A Critical Review. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5288-5300.	10.0	137
111	Effect of Pb <sup>2+</sup> , Cd <sup>2+</sup> , Cu <sup>2+</sup> and dissolved organic carbon (DOC) on the distribution and partition of decabromodiphenyl ether (BDE-209) in a waterâ€“sediment system. <i>RSC Advances</i> , 2015, 5, 105259-105265.	3.6	0
112	Biosorption and biodegradation of pyrene by <i>Brevibacillus brevis</i> and cellular responses to pyrene treatment. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 166-173.	6.0	37
113	Do we underestimate the concentration of estriol in raw municipal wastewater?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4753-4758.	5.3	20
114	Estimated human excretion rates of natural estrogens calculated from their concentrations in raw municipal wastewater and its application. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9554-9562.	5.3	15
115	Sample-preparation methods for direct and indirect analysis of natural estrogens. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 64, 149-164.	11.4	39
116	Pyrene removal and transformation by joint application of alfalfa and exogenous microorganisms and their influence on soil microbial community. <i>Ecotoxicology and Environmental Safety</i> , 2014, 110, 129-135.	6.0	24
117	Influence of co-existed benzo[a]pyrene and copper on the cellular characteristics of <i>Stenotrophomonas maltophilia</i> during biodegradation and transformation. <i>Bioresource Technology</i> , 2014, 158, 181-187.	9.6	64
118	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. <i>Environmental Pollution</i> , 2014, 186, 104-109.	7.5	43
119	Triphenyltin biodegradation and intracellular material release by <i>Brevibacillus brevis</i> . <i>Chemosphere</i> , 2014, 105, 62-67.	8.2	12
120	Tea saponin enhanced biodegradation of decabromodiphenyl ether by <i>Brevibacillus brevis</i> . <i>Chemosphere</i> , 2014, 114, 255-261.	8.2	26
121	Biosorption and biodegradation of triphenyltin by <i>Brevibacillus brevis</i> . <i>Bioresource Technology</i> , 2013, 129, 236-241.	9.6	42
122	Characteristics of copper removal and ion release during copper biosorption by <i>Stenotrophomonas maltophilia</i> in presence of benzo[a]pyrene. <i>Journal of Central South University</i> , 2013, 20, 2796-2805.	3.0	1
123	Effect of cadmium ion on biodegradation of decabromodiphenyl ether (BDE-209) by <i>Pseudomonas aeruginosa</i> . <i>Journal of Hazardous Materials</i> , 2013, 263, 711-717.	12.4	42
124	Copper biosorption and ions release by <i>Stenotrophomonas maltophilia</i> in the presence of benzo[a]pyrene. <i>Chemical Engineering Journal</i> , 2013, 219, 1-9.	12.7	48
125	Aerobic biotransformation of decabromodiphenyl ether (PBDE-209) by <i>Pseudomonas aeruginosa</i> . <i>Chemosphere</i> , 2013, 93, 1487-1493.	8.2	62
126	Effect of copper(II) on biodegradation of benzo[a]pyrene by <i>Stenotrophomonas maltophilia</i> . <i>Chemosphere</i> , 2013, 90, 1811-1820.	8.2	48

#	ARTICLE	IF	CITATIONS
127	Biodegradation of Benzo[a]pyrene by <i>Arthrobacter oxydans</i> B4. <i>Pedosphere</i> , 2012, 22, 554-561.	4.0	26
128	Biodegradation of anthracene by <i>Aspergillus fumigatus</i> . <i>Journal of Hazardous Materials</i> , 2011, 185, 174-181.	12.4	98