

# Chaofeng

## List of Publications by Year in descending order

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98  
papers

3,157  
citations

136950

32  
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175258

52  
g-index

100  
all docs

100  
docs citations

100  
times ranked

3723  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of black carbon on the chemical degradability of PCB1 via TENAX desorption technology from the perspective of adsorption states. <i>Chemosphere</i> , 2022, 286, 131583.	8.2	7
2	Pangenomic and functional investigations for dormancy and biodegradation features of an organic pollutant-degrading bacterium <i>Rhodococcus biphenylivorans</i> TG9. <i>Science of the Total Environment</i> , 2022, 809, 151141.	8.0	10
3	Antibiotic tolerance and degradation capacity of the organic pollutant-degrading bacterium <i>Rhodococcus biphenylivorans</i> TG9T. <i>Journal of Hazardous Materials</i> , 2022, 424, 127712.	12.4	9
4	Forty years studies on polychlorinated biphenyls pollution, food safety, health risk, and human health in an e-waste recycling area from Taizhou city, China: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4991-5005.	5.3	17
5	Neglected resistance risks: Cooperative resistance of antibiotic resistant bacteria influenced by primary soil components. <i>Journal of Hazardous Materials</i> , 2022, 429, 128229.	12.4	11
6	Oxidative dehalogenation and mineralization of polychlorinated biphenyls by a resuscitated strain <i>Streptococcus</i> sp. SPC0. <i>Environmental Research</i> , 2022, 207, 112648.	7.5	29
7	Enhanced perchloroethene dechlorination by humic acids via increasing the dehalogenase activity of <i>Dehalococcoides</i> strains. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	4
8	Effect of microplastics on microbial dechlorination of a polychlorinated biphenyl mixture (Aroclor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.0	11
9	Metagenomic study of humic acid promoting the dechlorination of polychlorinated biphenyls. <i>Chemosphere</i> , 2022, 301, 134688.	8.2	5
10	Proteomic changes of viable but nonculturable (VBNC) <i>Escherichia coli</i> O157:H7 induced by low moisture in an artificial soil. <i>Biology and Fertility of Soils</i> , 2021, 57, 219-234.	4.3	10
11	Occurrence and quantification of culturable and viable but non-culturable (VBNC) pathogens in biofilm on different pipes from a metropolitan drinking water distribution system. <i>Science of the Total Environment</i> , 2021, 764, 142851.	8.0	33
12	Interface Shear Behavior between MICP-Treated Calcareous Sand and Steel. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	32
13	Anaerobic condition induces a viable but nonculturable state of the PCB-degrading Bacteria <i>Rhodococcus biphenylivorans</i> TG9. <i>Science of the Total Environment</i> , 2021, 764, 142849.	8.0	12
14	Biofertilizer-induced response to cadmium accumulation in <i>Oryza sativa</i> L. grains involving exogenous organic matter and soil bacterial community structure. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111952.	6.0	13
15	The dominant effect of black carbon on the chemical degradability of PCB1: Sequestration or/and catalysis. <i>Science of the Total Environment</i> , 2021, 770, 145265.	8.0	10
16	Viable but Nonculturable State of Yeast <i>Candida</i> sp. Strain LN1 Induced by High Phenol Concentrations. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0111021.	3.1	45
17	Enhancement of perchloroethene dechlorination by a mixed dechlorinating culture via magnetic nanoparticle-mediated isolation method. <i>Science of the Total Environment</i> , 2021, 786, 147421.	8.0	7
18	Feasibility of bioleaching of heavy metals from sediment with indigenous bacteria using agricultural sulfur soil conditioners. <i>Science of the Total Environment</i> , 2020, 703, 134812.	8.0	26

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19	Alternative Evaluation to Earthworm Toxicity Test in Polychlorinated Biphenyls Spiked and Remediated Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 250-254.	2.7	1
20	Removal of Intracellular and Extracellular Antibiotic Resistance Genes in Municipal Wastewater Effluent by Electrocoagulation. <i>Environmental Engineering Science</i> , 2020, 37, 783-789.	1.6	9
21	An Optimized Method to Assess Viable <i>Escherichia coli</i> O157:H7 in Agricultural Soil Using Combined Propidium Monoazide Staining and Quantitative PCR. <i>Frontiers in Microbiology</i> , 2020, 11, 1809.	3.5	14
22	Alterations in the Cell Wall of <i>Rhodococcus biphenylivorans</i> Under Norfloxacin Stress. <i>Frontiers in Microbiology</i> , 2020, 11, 554957.	3.5	12
23	Induction of <i>Escherichia coli</i> O157:H7 into a viable but non-culturable state by high temperature and its resuscitation. <i>Environmental Microbiology Reports</i> , 2020, 12, 568-577.	2.4	22
24	Sequestration effect and mechanism of PCB1 by high-temperature black carbon. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31516-31526.	5.3	6
25	Supplementing resuscitation-promoting factor (Rpf) enhanced biodegradation of polychlorinated biphenyls (PCBs) by <i>Rhodococcus biphenylivorans</i> strain TG9T. <i>Environmental Pollution</i> , 2020, 263, 114488.	7.5	44
26	Extracellular organic matter from <i>Micrococcus luteus</i> containing resuscitation-promoting factor in sequencing batch reactor for effective nutrient and phenol removal. <i>Science of the Total Environment</i> , 2020, 727, 138627.	8.0	11
27	Effects of environmental factors on the removal of heavy metals by sulfide-modified nanoscale zerovalent iron. <i>Environmental Research</i> , 2020, 187, 109662.	7.5	32
28	Exploring the recycling of bioleaching functional bacteria and sulfur substrate using the sulfur-covered biochar particles. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	4
29	Interaction between pollutants during the removal of polychlorinated biphenyl-heavy metal combined pollution by modified nanoscale zero-valent iron. <i>Science of the Total Environment</i> , 2019, 673, 120-127.	8.0	32
30	Editorial: Organohalide Respiration: New Findings in Metabolic Mechanisms and Bioremediation Applications. <i>Frontiers in Microbiology</i> , 2019, 10, 526.	3.5	5
31	Acceleration of perchloroethylene dechlorination by extracellular secretions from <i>Microbacterium</i> in a mixed culture containing <i>Desulfitobacterium</i> . <i>Environmental Pollution</i> , 2019, 245, 651-657.	7.5	11
32	PCB118-Induced Cell Proliferation Mediated by Oxidative Stress and MAPK Signaling Pathway in HELF Cells. <i>Dose-Response</i> , 2018, 16, 155932581775152.	1.6	4
33	Biodegradation and chemotaxis of polychlorinated biphenyls, biphenyls, and their metabolites by <i>Rhodococcus</i> spp.. <i>Biodegradation</i> , 2018, 29, 1-10.	3.0	36
34	Biochar provides a safe and value-added solution for hyperaccumulating plant disposal: A case study of <i>Phytolacca acinosa</i> Roxb. ( <i>Phytolaccaceae</i> ). <i>Chemosphere</i> , 2017, 178, 59-64.	8.2	60
35	Effects of structurally different noncoplanar and coplanar PCBs on HELF cell proliferation, cell cycle, and potential molecular mechanisms. <i>Environmental Toxicology</i> , 2017, 32, 1183-1190.	4.0	7
36	Water Quality Characterization of the Siling Reservoir (Zhejiang, China) Using Water Quality Index. <i>Clean - Soil, Air, Water</i> , 2016, 44, 553-562.	1.1	27

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37	Microbial dechlorination of HCB, PCP, PCB180, HCH and PCE in a Yangtze Three Gorges Reservoir enrichment culture, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	16
38	Effects of RAMEB and/or mechanical mixing on the bioavailability and biodegradation of PCBs in soil/slurry. <i>Chemosphere</i> , 2016, 155, 479-487.	8.2	7
39	Surfactant enhanced pyrene degradation in the rhizosphere of tall fescue ( <i>Festuca arundinacea</i> ). <i>Environmental Science and Pollution Research</i> , 2016, 23, 18129-18136.	5.3	15
40	Health risk assessment of migrant workers' exposure to polychlorinated biphenyls in air and dust in an e-waste recycling area in China: Indication for a new wealth gap in environmental rights. <i>Environment International</i> , 2016, 87, 33-41.	10.0	82
41	A novel approach to enhance biological nutrient removal using a culture supernatant from <i>Micrococcus luteus</i> containing resuscitation-promoting factor (Rpf) in SBR process. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4498-4508.	5.3	26
42	PCBs attenuation and abundance of Dehalococcoides spp., bphC, CheA, and flic genes in typical polychlorinated biphenyl-polluted soil under floody and dry soil conditions. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3907-3913.	5.3	9
43	Induction of Viable but Nonculturable State in <i>Rhodococcus</i> and Transcriptome Analysis Using RNA-seq. <i>PLoS ONE</i> , 2016, 11, e0147593.	2.5	31
44	Identification, characterization and molecular analysis of the viable but nonculturable <i>Rhodococcus biphenylivorans</i> . <i>Scientific Reports</i> , 2015, 5, 18590.	3.3	86
45	Hormetic effects of noncoplanar PCB exposed to human lung fibroblast cells (HELFL) and possible role of oxidative stress. <i>Environmental Toxicology</i> , 2015, 30, 1385-1392.	4.0	13
46	Polychlorinated Biphenyls Attenuation in Soil from E-Waste Recycling Area under Flooded and Dryland Conditions. <i>Clean - Soil, Air, Water</i> , 2015, 43, 584-591.	1.1	4
47	<i>Rhodococcus biphenylivorans</i> sp. nov., a polychlorinated biphenyl-degrading bacterium. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 55-63.	1.7	32
48	Application of iron-activated persulfate oxidation for the degradation of PCBs in soil. <i>Chemical Engineering Journal</i> , 2015, 279, 673-680.	12.7	74
49	Isolation and Analysis of Cell Wall Proteome in <i>Elsholtzia splendens</i> Roots Using ITRAQ with LC-ESI-MS/MS. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1174-1194.	2.9	0
50	<i>Sphingobium fuliginis</i> HC3: A Novel and Robust Isolated Biphenyl- and Polychlorinated Biphenyls-Degrading Bacterium without Dead-End Intermediates Accumulation. <i>PLoS ONE</i> , 2015, 10, e0122740.	2.5	26
51	Enhanced degradation of biphenyl from PCB-contaminated sediments: the impact of extracellular organic matter from <i>Micrococcus luteus</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1989-2000.	3.6	48
52	Hormetic Responses of Food-Supplied PCB 31 to Zebrafish & (Danio Rerio) Growth. <i>Dose-Response</i> , 2015, 1, 1-14.	1.6	5
53	Influence of Heavy Metals and PCBs Pollution on the Enzyme Activity and Microbial Community of Paddy Soils around an E-Waste Recycling Workshop. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3118-3131.	2.6	37
54	PBDEs and PCDD/Fs in surface soil taken from the Taizhou e-waste recycling area, China. <i>Chemistry and Ecology</i> , 2014, 30, 245-251.	1.6	14

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55	Influence of redox conditions on the microbial degradation of polychlorinated biphenyls in different niches of rice paddy fields. <i>Soil Biology and Biochemistry</i> , 2014, 78, 307-315.	8.8	13
56	Phytotoxicity assessment of phenanthrene and pyrene in soil using two barley genotypes. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 94-105.	1.2	8
57	New Insights into Regulation of Proteome and Polysaccharide in Cell Wall of <i>Elsholtzia splendens</i> in Response to Copper Stress. <i>PLoS ONE</i> , 2014, 9, e109573.	2.5	29
58	Hydrodechlorination of polychlorinated biphenyls in contaminated soil from an e-waste recycling area, using nanoscale zerovalent iron and Pd/Fe bimetallic nanoparticles. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5201-5210.	5.3	48
59	Tracing Intracellular Localization and Chemical Forms of Copper in <i>Elsholtzia splendens</i> with Cluster Analysis. <i>Biological Trace Element Research</i> , 2014, 160, 418-426.	3.5	5
60	Optimization of protein production by <i>Micrococcus luteus</i> for exploring pollutant-degrading uncultured bacteria. <i>SpringerPlus</i> , 2014, 3, 117.	1.2	14
61	Paddy field – A natural sequential anaerobic-aerobic bioreactor for polychlorinated biphenyls transformation. <i>Environmental Pollution</i> , 2014, 190, 43-50.	7.5	41
62	Growth, bioluminescence and shoal behavior hormetic responses to inorganic and/or organic chemicals: A review. <i>Environment International</i> , 2014, 64, 28-39.	10.0	56
63	A Preliminary Study on the Occurrence and Dissipation of Estrogen in Livestock Wastewater. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 391-396.	2.7	11
64	Exploring the potential environmental functions of viable but non-culturable bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 2213-2218.	3.6	46
65	Accelerated photo-transformation of 2,2,4,4,5,5-hexachlorobiphenyl (PCB 153) in water by dissolved organic matter. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1842-1848.	5.3	10
66	A novel approach to stimulate the biphenyl-degrading potential of bacterial community from PCBs-contaminated soil of e-waste recycling sites. <i>Bioresource Technology</i> , 2013, 146, 27-34.	9.6	50
67	A Battery of Bioassays for the Evaluation of Phenanthrene Biototoxicity in Soil. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 47-55.	4.1	22
68	Risk Assessment of Heavy Metals Pollution in Agricultural Soils of Siling Reservoir Watershed in Zhejiang Province, China. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	73
69	Bacterial Communities of Polychlorinated Biphenyls Polluted Soil Around an E-waste Recycling Workshop. <i>Soil and Sediment Contamination</i> , 2013, 22, 562-573.	1.9	31
70	Cr(VI) Resistance and Removal by Indigenous Bacteria Isolated from Chromium-Contaminated Soil. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1123-1132.	2.1	21
71	Biototoxicity Assessment of Pyrene in Soil Using a Battery of Biological Assays. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 503-512.	4.1	23
72	Chemical and Bioassay Analysis of Estrogen Pollution in the Surface Water of the Tiaoxi River, the Source River for Taihu Lake. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 816-819.	2.7	5

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73	Morphological alterations of Vero cell exposed to coplanar PCB 126 and noncoplanar PCB 153. <i>Environmental Toxicology</i> , 2012, 27, 26-31.	4.0	5
74	Occurrence of (Anti)estrogenic Effects in Surface Sediment from an E-Waste Disassembly Region in East China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 161-165.	2.7	7
75	Photosensitized degradation of 2,4,5-trichlorobiphenyl (PCB 31) by dissolved organic matter. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 1-6.	12.4	40
76	Estrogenic effects of dissolved organic matter and its impact on the activity of 17 $\beta$ -estradiol. <i>Environmental Science and Pollution Research</i> , 2012, 19, 522-528.	5.3	11
77	Assessment of phenanthrene bioavailability in aged and unaged soils by mild extraction. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 549-559.	2.7	42
78	Assessment of Pyrene Bioavailability in Soil by Mild Hydroxypropyl- $\beta$ -Cyclodextrin Extraction. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 107-115.	4.1	21
79	PCB congeners induced mitochondrial dysfunction in Vero cells. <i>Journal of Hazardous Materials</i> , 2011, 185, 24-28.	12.4	19
80	Degradation of phenanthrene and pyrene in spiked soils by single and combined plants cultivation. <i>Journal of Hazardous Materials</i> , 2010, 177, 384-389.	12.4	135
81	Study on adverse impact of e-waste disassembly on surface sediment in East China by chemical analysis and bioassays. <i>Journal of Soils and Sediments</i> , 2010, 10, 359-367.	3.0	54
82	Inorganic and organic pollution in agricultural soil from an emerging e-waste recycling town in Taizhou area, China. <i>Journal of Soils and Sediments</i> , 2010, 10, 895-906.	3.0	61
83	Transformation of Lead Solid Fraction in the Rhizosphere of <i>Elsholtzia splendens</i> : The Importance of Organic Matter. <i>Water, Air, and Soil Pollution</i> , 2010, 205, 333-342.	2.4	14
84	Heavy metal and persistent organic compound contamination in soil from Wenling: An emerging e-waste recycling city in Taizhou area, China. <i>Journal of Hazardous Materials</i> , 2010, 173, 653-660.	12.4	297
85	Levels and patterns of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in municipal waste incinerator bottom ash in Zhejiang province, China. <i>Journal of Hazardous Materials</i> , 2010, 179, 197-202.	12.4	48
86	Comparison of structure-dependent hormetic cytotoxicity induced by coplanar and non-coplanar PCB congeners. <i>Journal of Hazardous Materials</i> , 2010, 180, 773-776.	12.4	30
87	Lead availability and soil microbial community composition in rice rhizosphere affected by thiosulfate addition. <i>Applied Soil Ecology</i> , 2010, 45, 232-237.	4.3	6
88	$\beta$ -cyclodextrin enhanced phytoremediation of aged PCBs-contaminated soil from e-waste recycling area. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1482.	2.1	43
89	Levels and distributions of polycyclic aromatic hydrocarbons in agricultural soils in an emerging e-waste recycling town in Taizhou area, China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1076-1084.	1.7	26
90	Hormesis response of marine and freshwater luminescent bacteria to metal exposure. <i>Biological Research</i> , 2009, 42, .	3.4	31

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91	PXR-mediated transcriptional activation of CYP3A4 by cryptotanshinone and tanshinone IIA. <i>Chemico-Biological Interactions</i> , 2009, 177, 58-64.	4.0	63
92	Proteomic characterization of copper stress response in <i>Elsholtzia splendens</i> roots and leaves. <i>Plant Molecular Biology</i> , 2009, 71, 251-263.	3.9	53
93	Effect of MSW Source-Classified Collection on Polycyclic Aromatic Hydrocarbons in Residues from Full-Scale Incineration in China. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 347-358.	2.4	12
94	Enhancement of phenanthrene and pyrene degradation in rhizosphere of tall fescue ( <i>Festuca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	12.4	101
95	Enhanced phytoremediation potential of polychlorinated biphenyl contaminated soil from e-waste recycling area in the presence of randomly methylated- $\beta$ -cyclodextrins. <i>Journal of Hazardous Materials</i> , 2009, 172, 1671-1676.	12.4	57
96	Interaction of <i>Pseudomonas putida</i> CZ1 with clays and ability of the composite to immobilize copper and zinc from solution. <i>Bioresource Technology</i> , 2009, 100, 330-337.	9.6	51
97	Dioxin-like compounds in agricultural soils near e-waste recycling sites from Taizhou area, China: Chemical and bioanalytical characterization. <i>Environment International</i> , 2009, 35, 50-55.	10.0	151
98	Identification of Ah Receptor Agonists in Soil of E-waste Recycling Sites from Taizhou Area in China. <i>Environmental Science &amp; Technology</i> , 2008, 42, 49-55.	10.0	117