

Chaofeng

List of Publications by Year in descending order

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98
papers

3,157
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136950

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175258

52
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100
all docs

100
docs citations

100
times ranked

3723
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Identification of Ah Receptor Agonists in Soil of E-waste Recycling Sites from Taizhou Area in China. <i>Environmental Science & Technology</i> , 2008, 42, 49-55.	10.0	117
5	Enhancement of phenanthrene and pyrene degradation in rhizosphere of tall fescue (<i>Festuca</i>) Tj ETQq1 1 0.784314, <i>rgBT /Overlock 10 T</i>	12.4	101
6	Identification, characterization and molecular analysis of the viable but nonculturable <i>Rhodococcus biphenylivorans</i> . <i>Scientific Reports</i> , 2015, 5, 18590.	3.3	86
7	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
8	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
9	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
10	PXR-mediated transcriptional activation of CYP3A4 by cryptotanshinone and tanshinone IIA. <i>Chemico-Biological Interactions</i> , 2009, 177, 58-64.	4.0	63
11	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
12	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
13	Enhanced phytoremediation potential of polychlorinated biphenyl contaminated soil from e-waste recycling area in the presence of randomly methylated- β -cyclodextrins. <i>Journal of Hazardous Materials</i> , 2009, 172, 1671-1676.	12.4	57
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	β -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
26	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
27	Paddy field – A natural sequential anaerobic-aerobic bioreactor for polychlorinated biphenyls transformation. <i>Environmental Pollution</i> , 2014, 190, 43-50.	7.5	41
28	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
29	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
30	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
31	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
32	<i>Rhodococcus biphenylivorans</i> sp. nov., a polychlorinated biphenyl-degrading bacterium. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 55-63.	1.7	32
33	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
34	Interface Shear Behavior between MICP-Treated Calcareous Sand and Steel. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	32
35	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
36	Hormesis response of marine and freshwater luminescent bacteria to metal exposure. <i>Biological Research</i> , 2009, 42, .	3.4	31

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37	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
38	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
39	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
40	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
41	Oxidative dehalogenation and mineralization of polychlorinated biphenyls by a resuscitated strain <i>Streptococcus</i> sp. SPCO. <i>Environmental Research</i> , 2022, 207, 112648.	7.5	29
42	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
43	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
44	<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
45	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
46	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
47	Biotoxicity 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
48	A Battery of Bioassays for the Evaluation of Phenanthrene Biotoxicity in Soil. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 47-55.	4.1	22
49	Induction of <i>Escherichia coli</i> O157:H7 into a viable but nonculturable state by high temperature and its resuscitation. <i>Environmental Microbiology Reports</i> , 2020, 12, 568-577.	2.4	22
50	Assessment of Pyrene Bioavailability in Soil by Mild Hydroxypropyl- β -Cyclodextrin Extraction. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 107-115.	4.1	21
51	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
52	PCB congeners induced mitochondrial dysfunction in Vero cells. <i>Journal of Hazardous Materials</i> , 2011, 185, 24-28.	12.4	19
53	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
54	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

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55	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
56	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
57	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
58	Optimization of protein production by <i>Micrococcus luteus</i> for exploring pollutant-degrading uncultured bacteria. <i>SpringerPlus</i> , 2014, 3, 117.	1.2	14
59	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
60	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
61	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
62	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
63	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
64	Alterations in the Cell Wall of <i>Rhodococcus biphenylivorans</i> Under Norfloxacin Stress. <i>Frontiers in Microbiology</i> , 2020, 11, 554957.	3.5	12
65	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
66	Estrogenic effects of dissolved organic matter and its impact on the activity of 17 β -estradiol. <i>Environmental Science and Pollution Research</i> , 2012, 19, 522-528.	5.3	11
67	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
68	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
69	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
70	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
71	Effect of microplastics on microbial dechlorination of a polychlorinated biphenyl mixture (Aroclor) Tj ETQq1 1 0.784314 rgBT/Overload	8.0	11
72	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

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73	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
74	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
75	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
76	PCBs attenuation and abundance of <i>Dehalococcoides</i> spp., <i>bphC</i> , <i>CheA</i> , and <i>flic</i> 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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	Editorial: Organohalide Respiration: New Findings in Metabolic Mechanisms and Bioremediation Applications. <i>Frontiers in Microbiology</i> , 2019, 10, 526.	3.5	5

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91	hormetic Responses of Food-Supplied PCB 31 to Zebrafish <i>(Danio Rerio)</i> Growth. Dose-Response, 2015, 1, 1-14.	1.6	5
92	Metagenomic study of humic acid promoting the dechlorination of polychlorinated biphenyls. Chemosphere, 2022, 301, 134688.	8.2	5
93	Polychlorinated Biphenyls Attenuation in Soil from Waste Recycling Area under Flooded and Dryland Conditions. Clean - Soil, Air, Water, 2015, 43, 584-591.	1.1	4
94	PCB118-Induced Cell Proliferation Mediated by Oxidative Stress and MAPK Signaling Pathway in HELF Cells. Dose-Response, 2018, 16, 155932581775152.	1.6	4
95	Exploring the recycling of bioleaching functional bacteria and sulfur substrate using the sulfur-covered biochar particles. Environmental Sciences Europe, 2020, 32, .	5.5	4
96	Enhanced perchloroethene dechlorination by humic acids via increasing the dehalogenase activity of <i>Dehalococcoides</i> strains. FEMS Microbiology Ecology, 2022, 98, .	2.7	4
97	Alternative Evaluation to Earthworm Toxicity Test in Polychlorinated Biphenyls Spiked and Remediated Soils. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 250-254.	2.7	1
98	Isolation and Analysis of Cell Wall Proteome in <i>Elsholtzia splendens</i> Roots Using ITRAQ with LC-ESI-MS/MS. Applied Biochemistry and Biotechnology, 2015, 176, 1174-1194.	2.9	0