

# Chang Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

853  
citations

623699

14  
h-index

752679

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of antibiotics in the environment on microbial populations. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 925-941.	3.6	358
2	Complete Debromination of Tetra- and Penta-Brominated Diphenyl Ethers by a Coculture Consisting of <i>Dehalococcoides</i> and <i>Desulfovibrio</i> Species. <i>Environmental Science &amp; Technology</i> , 2011, 45, 8475-8482.	10.0	70
3	A <i>Desulfitobacterium</i> sp. strain PR reductively dechlorinates both 1,1,1-trichloroethane and chloroform. <i>Environmental Microbiology</i> , 2014, 16, 3387-3397.	3.8	58
4	Isolation of <i>Acetobacterium</i> sp. Strain AG, Which Reductively Debrominates Octa- and Pentabrominated Diphenyl Ether Technical Mixtures. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1110-1117.	3.1	51
5	Novel evidence of cytochrome P450-catalyzed oxidation of phenanthrene in <i>Phanerochaete chrysosporium</i> under ligninolytic conditions. <i>Biodegradation</i> , 2010, 21, 889-901.	3.0	37
6	Reductive Debromination of Polybrominated Diphenyl Ethers - Microbes, Processes and Dehalogenases. <i>Frontiers in Microbiology</i> , 2018, 9, 1292.	3.5	37
7	Molecular techniques in the biotechnological fight against halogenated compounds in anoxic environments. <i>Microbial Biotechnology</i> , 2012, 5, 347-367.	4.2	29
8	Loss of the <i>ssrA</i> genome island led to partial debromination in the PBDE respiring <i>Dehalococcoides mccartyi</i> strain GY50. <i>Environmental Microbiology</i> , 2017, 19, 2906-2915.	3.8	27
9	Analysis of enhanced nitrogen removal mechanisms in a validation wastewater treatment plant containing anammox bacteria. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1255-1265.	3.6	25
10	<i>Dehalococcoides mccartyi</i> Strain GEO12 Has a Natural Tolerance to Chloroform Inhibition. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8750-8759.	10.0	23
11	Anaerobic Ammonium Oxidation (Anammox) with Planktonic Cells in a Redox-Stable Semicontinuous Stirred-Tank Reactor. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5671-5681.	10.0	22
12	Identification of Reductive Dehalogenases That Mediate Complete Debromination of Penta- and Tetrabrominated Diphenyl Ethers in <i>Dehalococcoides</i> spp.. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0060221.	3.1	19
13	Detoxification of 1,1,2-Trichloroethane to Ethene by <i>Desulfitobacterium</i> and Identification of Its Functional Reductase Gene. <i>PLoS ONE</i> , 2015, 10, e0119507.	2.5	19
14	Genomic characterization of <i>Dehalococcoides mccartyi</i> strain 11a5 reveals a circular extrachromosomal genetic element and a new tetrachloroethene reductive dehalogenase gene. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw235.	2.7	18
15	16S rRNA gene-based primer pair showed high specificity and quantification accuracy in detecting freshwater Brocadiales anammox bacteria. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	14
16	Growth of <i>Dehalococcoides mccartyi</i> species in an autotrophic consortium producing limited acetate. <i>Biodegradation</i> , 2018, 29, 487-498.	3.0	11
17	Diversity of organohalide respiring bacteria and reductive dehalogenases that detoxify polybrominated diphenyl ethers in E-waste recycling sites. <i>ISME Journal</i> , 2022, 16, 2123-2131.	9.8	11
18	Comparative genomics in <i>Candidatus Kuenenia stuttgartiensis</i> reveal high genomic plasticity in the overall genome structure, CRISPR loci and surface proteins. <i>BMC Genomics</i> , 2020, 21, 851.	2.8	10

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19	The impact of species, respiration type, growth phase and genetic inventory on absolute metal content of intact bacterial cells. <i>Metallomics</i> , 2019, 11, 925-935.	2.4	9
20	Characterization of membrane-bound metalloproteins in the anaerobic ammonium-oxidizing bacterium "Candidatus <i>Kuenenia stuttgartiensis</i> " strain CSTR1. <i>Talanta</i> , 2021, 223, 121711.	5.5	5