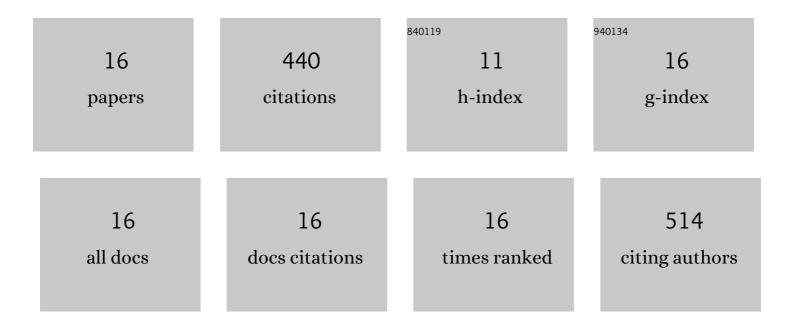
Daiyong Deng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sequential anaerobic and aerobic bioaugmentation for commingled groundwater contamination of trichloroethene and 1,4-dioxane. Science of the Total Environment, 2021, 774, 145118.	3.9	25
2	Distinct Catalytic Behaviors between Two 1,4-Dioxane-Degrading Monooxygenases: Kinetics, Inhibition, and Substrate Range. Environmental Science & Technology, 2020, 54, 1898-1908.	4.6	29
3	Discovery of an Inducible Toluene Monooxygenase That Cooxidizes 1,4-Dioxane and 1,1-Dichloroethylene in Propanotrophic <i>Azoarcus</i> sp. Strain DD4. Applied and Environmental Microbiology, 2020, 86, .	1.4	26
4	Membrane-Disrupting Nanofibrous Peptide Hydrogels. ACS Biomaterials Science and Engineering, 2019, 5, 4657-4670.	2.6	38
5	Complete Genome Sequence of <i>Azoarcus</i> sp. Strain DD4, a Gram-Negative Propanotroph That Degrades 1,4-Dioxane and 1,1-Dichloroethylene. Microbiology Resource Announcements, 2019, 8, .	0.3	7
6	A Novel Propane Monooxygenase Initiating Degradation of 1,4-Dioxane by <i>Mycobacterium dioxanotrophicus</i> PH-06. Environmental Science and Technology Letters, 2018, 5, 86-91.	3.9	53
7	Synchronic Biotransformation of 1,4-Dioxane and 1,1-Dichloroethylene by a Gram-Negative Propanotroph <i>Azoarcus</i> sp. DD4. Environmental Science and Technology Letters, 2018, 5, 526-532.	3.9	37
8	Potential application of an Aspergillus strain in a pilot biofilter for benzene biodegradation. Scientific Reports, 2017, 7, 46059.	1.6	3
9	Uptake, translocation and metabolism of decabromodiphenyl ether (BDE-209) inÂseven aquatic plants. Chemosphere, 2016, 152, 360-368.	4.2	40
10	Polymorphism of the glucosyltransferase gene (ycjM) in Escherichia coli and its use for tracking human fecal pollution in water. Science of the Total Environment, 2015, 537, 260-267.	3.9	6
11	Differentiating enteric Escherichia coli from environmental bacteria through the putative glucosyltransferase gene (ycjM). Water Research, 2014, 61, 224-231.	5.3	14
12	Effects of electron donors on anaerobic microbial debromination of polybrominated diphenyl ethers (PBDEs). Biodegradation, 2012, 23, 351-361.	1.5	48
13	Bar-Coded Pyrosequencing Reveals the Responses of PBDE-Degrading Microbial Communities to Electron Donor Amendments. PLoS ONE, 2012, 7, e30439.	1.1	43
14	Aerobic debromination of deca-BDE: Isolation and characterization of an indigenous isolate from a PBDE contaminated sediment. International Biodeterioration and Biodegradation, 2011, 65, 465-469.	1.9	61
15	Characterization of two components of the 2-naphthoate monooxygenase system fromBurkholderiasp. strain JT1500. FEMS Microbiology Letters, 2007, 273, 22-27.	0.7	8
16	Construction and characterization of a bacterial artificial chromosome library of maize inbred line 77Ht2. Plant Molecular Biology Reporter, 2003, 21, 159-169.	1.0	2