

Jeongdae Im

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

905
citations

566801

15
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of Bisphenol A in Terrestrial and Aquatic Environments. <i>Environmental Science & Technology</i> , 2016, 50, 8403-8416.	4.6	215
2	Guided cobalamin biosynthesis supports <i>Dehalococcoides mccartyi</i> reductive dechlorination activity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120320.	1.8	124
3	Characterization of a novel facultative <i>Methylocystis</i> species capable of growth on methane, acetate and ethanol. <i>Environmental Microbiology Reports</i> , 2011, 3, 174-181.	1.0	85
4	A Xenobiotic Detoxification Pathway through Transcriptional Regulation in Filamentous Fungi. <i>MBio</i> , 2018, 9, .	1.8	55
5	Effect of nutrient and selective inhibitor amendments on methane oxidation, nitrous oxide production, and key gene presence and expression in landfill cover soils: characterization of the role of methanotrophs, nitrifiers, and denitrifiers. <i>Applied Microbiology and Biotechnology</i> , 2009, 85, 389-403.	1.7	52
6	Identification of 4-Hydroxycumyl Alcohol As the Major MnO ₂ -Mediated Bisphenol A Transformation Product and Evaluation of Its Environmental Fate. <i>Environmental Science & Technology</i> , 2015, 49, 6214-6221.	4.6	46
7	Regulation of Ethanol-Related Behavior and Ethanol Metabolism by the Corazonin Neurons and Corazonin Receptor in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2014, 9, e87062.	1.1	38
8	Pollutant degradation by a <i>Methylocystis</i> strain SB2 grown on ethanol: bioremediation via facultative methanotrophy. <i>FEMS Microbiology Letters</i> , 2011, 318, 137-142.	0.7	37
9	Environmental Fate of the Next Generation Refrigerant 2,3,3,3-Tetrafluoropropene (HFO-1234yf). <i>Environmental Science & Technology</i> , 2014, 48, 13181-13187.	4.6	34
10	Constitutive expression of pMMO by <i>Methylocystis</i> strain SB2 when grown on multi-carbon substrates: implications for biodegradation of chlorinated ethenes. <i>Environmental Microbiology Reports</i> , 2011, 3, 182-188.	1.0	29
11	Biologically mediated abiotic degradation (BMAD) of bisphenol A by manganese-oxidizing bacteria. <i>Journal of Hazardous Materials</i> , 2021, 417, 125987.	6.5	28
12	A Data Mining Approach to Predict In Situ Detoxification Potential of Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2016, 50, 5181-5188.	4.6	27
13	Interference of ferric ions with ferrous iron quantification using the ferrozine assay. <i>Journal of Microbiological Methods</i> , 2013, 95, 366-367.	0.7	26
14	Natural Attenuation in Streambed Sediment Receiving Chlorinated Solvents from Underlying Fracture Networks. <i>Environmental Science & Technology</i> , 2017, 51, 4821-4830.	4.6	20
15	Field application of nitrogen and phenylacetylene to mitigate greenhouse gas emissions from landfill cover soils: effects on microbial community structure. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 189-200.	1.7	19
16	Estimation of mass transport parameters of gases for quantifying CH ₄ oxidation in landfill soil covers. <i>Waste Management</i> , 2009, 29, 869-875.	3.7	10
17	Biotic and Abiotic Dehalogenation of 1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113): Implications for Bacterial Detoxification of Chlorinated Ethenes. <i>Environmental Science & Technology</i> , 2019, 53, 11941-11948.	4.6	10
18	A field trial of nutrient stimulation of methanotrophs to reduce greenhouse gas emissions from landfill cover soils. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 300-309.	0.9	9

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19	Chlorothalonil biotransformation by cytochrome P450 monooxygenases in <i>Sclerotinia homoeocarpa</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	9
20	Degradation of Adsorbed Bisphenol A by Soluble Mn(III). <i>Environmental Science & Technology</i> , 2021, 55, 13014-13023.	4.6	9
21	Simplified extraction of bisphenols from bacterial culture suspensions and solid matrices. <i>Journal of Microbiological Methods</i> , 2016, 126, 35-37.	0.7	8
22	4-Methylphenol produced in freshwater sediment microcosms is not a bisphenol A metabolite. <i>Chemosphere</i> , 2014, 117, 521-526.	4.2	7
23	<i>Gemmobacter serpentinus</i> sp. nov., isolated from conserved forages. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4224-4232.	0.8	7
24	Response to Comment on "Environmental Fate of the Next Generation Refrigerant 2,3,3,3-Tetrafluoropropene (HFO-1234yf)". <i>Environmental Science & Technology</i> , 2015, 49, 8265-8266.	4.6	1