

Minggen Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

210
citations

1163117

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23
docs citations

23
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of diphenyl ether herbicide lactofen by <i>Bacillus</i> sp. YS-1 and characterization of two initial degrading esterases. <i>Science of the Total Environment</i> , 2022, 806, 151357.	8.0	6
2	Characterization of the 2,6-Dimethylphenol Monooxygenase MpdAB and Evaluation of Its Potential in Vitamin E Precursor Synthesis. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0011022.	3.1	2
3	PicR as a MarR Family Transcriptional Repressor Multiply Controls the Transcription of Picolinic Acid Degradation Gene Cluster <i><i>pic</i></i> in <i>Alcaligenes faecalis</i> JQ135. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	6
4	Oxygenases as Powerful Weapons in the Microbial Degradation of Pesticides. <i>Annual Review of Microbiology</i> , 2022, 76, 325-348.	7.3	13
5	The Novel Monooxygenase Gene <i><i>dipD</i></i> in the <i><i>dip</i></i> Gene Cluster of <i><i>Alcaligenes faecalis</i></i> JQ135 Is Essential for the Initial Catabolism of Dipicolinic Acid. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	2
6	The Operon Encoding Hydrolytic Dehalogenation of 4-Chlorobenzoate Is Transcriptionally Regulated by the TetR-Type Repressor FcbR and Its Ligand 4-Chlorobenzoyl Coenzyme A. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	6
7	McbG, a LysR Family Transcriptional Regulator, Activates the <i><i>mcbBCDEF</i></i> Gene Cluster Involved in the Upstream Pathway of Carbaryl Degradation in <i><i>Pseudomonas</i></i> sp. Strain XWY-1. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	13
8	The lowâ€œnanomolar 4â€œnitrobenzoateâ€œresponsive repressor <i><scp>PnbX</scp></i> negatively regulates the actinomyceteâ€œderived 4â€œnitrobenzoateâ€œdegrading <i><i>pnb</i></i> locus. <i>Environmental Microbiology</i> , 2021, 23, 7028-7041.	3.8	2
9	A plasmid-based genomic screening system for transcriptional regulators of non-adjacent xenobiotic catabolism genes. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1163-1174.	3.6	3
10	<i>Methylomonas rhizoryzae</i> sp. nov., a type I methanotroph isolated from the rhizosphere soil of rice. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 2167-2176.	1.7	4
11	Random Mutagenesis by Insertion of Error-Prone PCR Products to the Chromosome of <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 570280.	3.5	2
12	pheSAG Based Rapid and Efficient Markerless Mutagenesis in <i>Methylotheobacterium</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 441.	3.5	9
13	Comparative genome analysis reveals the evolution of chloroacetanilide herbicide mineralization in <i>Sphingomonas wittichii</i> DC-6. <i>Archives of Microbiology</i> , 2019, 201, 907-918.	2.2	10
14	Complete Genome Sequence of <i>Sphingobium baderi</i> DE-13, an Alkyl-Substituted Aniline-Mineralizing Bacterium. <i>Current Microbiology</i> , 2018, 75, 27-31.	2.2	4
15	The Two-Component Monooxygenase MeaXY Initiates the Downstream Pathway of Chloroacetanilide Herbicide Catabolism in Sphingomonads. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	23
16	Cloning, expression and mutation of a triazophos hydrolase gene from <i><i>Burkholderia</i></i> sp. SZL-1. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw108.	1.8	7
17	<i>Mangrovibacter yixingensis</i> sp. nov., isolated from farmland soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2447-2452.	1.7	11
18	<i>Lysinibacillus fluoroglycofenilyticus</i> sp. nov., a bacterium isolated from fluoroglycofen contaminated soil. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 157-164.	1.7	20

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19	Flavobacterium suzhouense sp. nov., isolated from farmland river sludge. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 370-374.	1.7	20
20	PbaR, an IclR Family Transcriptional Activator for the Regulation of the 3-Phenoxybenzoate 1â€²,2â€²-Dioxygenase Gene Cluster in Sphingobium wenxiniae JZ-1 ^T. Applied and Environmental Microbiology, 2015, 81, 8084-8092.	3.1	14
21	Pedobacter nanyangensis sp. nov., isolated from herbicide-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3517-3521.	1.7	15
22	Pseudomonas zeshuii sp. nov., isolated from herbicide-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2608-2612.	1.7	17