

Lian-Cheng Fang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

234
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance properties and adaptation mechanism of cadmium in an enriched strain, <i>Cupriavidus nantongensis</i> X1T. <i>Journal of Hazardous Materials</i> , 2022, 434, 128935.	12.4	7
2	Enhanced biodegradation of organophosphorus insecticides in industrial wastewater via immobilized <i>Cupriavidus nantongensis</i> X1T. <i>Science of the Total Environment</i> , 2021, 755, 142505.	8.0	13
3	Enantioselective degradation of the organophosphorus insecticide isocarbophos in <i>Cupriavidus nantongensis</i> X1T: Characteristics, enantioselective regulation, degradation pathways, and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 417, 126024.	12.4	14
4	Ortho and para oxydehalogenation of dihalophenols catalyzed by the monooxygenase TcpA and NAD(P)H:FAD reductase Fre. <i>Journal of Hazardous Materials</i> , 2020, 388, 121787.	12.4	12
5	Enantioselective Uptake Determines Degradation Selectivity of Chiral Profenofos in <i>Cupriavidus nantongensis</i> X1T. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6493-6501.	5.2	21
6	Kinetics and Catabolic Pathways of the Insecticide Chlorpyrifos, Annotation of the Degradation Genes, and Characterization of Enzymes TcpA and Fre in <i>Cupriavidus nantongensis</i> X1T. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2245-2254.	5.2	45
7	Minute-Speed Biodegradation of Organophosphorus Insecticides by <i>Cupriavidus nantongensis</i> X1T. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13558-13567.	5.2	18
8	Rapid Biodegradation of the Organophosphorus Insecticide Chlorpyrifos by <i>Cupriavidus nantongensis</i> X1T. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4593.	2.6	30
9	Complete genome sequence of a novel chlorpyrifos degrading bacterium, <i>Cupriavidus nantongensis</i> X1. <i>Journal of Biotechnology</i> , 2016, 227, 1-2.	3.8	31
10	<i>Cupriavidus nantongensis</i> sp. nov., a novel chlorpyrifos-degrading bacterium isolated from sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2335-2341.	1.7	43