

Lian-Cheng Fang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

234
citations

1040056

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1372567

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all docs

10
docs citations

10
times ranked

168
citing authors

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