

Zhiyong Ruan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

641
citations

567281

15
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of a lignocellulolytic enzyme system for simultaneous bio-delignification and saccharification of corn stover employing co-culture of fungi. <i>Bioresource Technology</i> , 2015, 175, 586-593.	9.6	83
2	Highly efficient production of optically pure L-lactic acid from corn stover hydrolysate by thermophilic <i>Bacillus coagulans</i> . <i>Bioresource Technology</i> , 2016, 219, 114-122.	9.6	61
3	Biodegradation of nicosulfuron by a <i>Talaromyces flavus</i> LZM1. <i>Bioresource Technology</i> , 2013, 140, 243-248.	9.6	59
4	Open fermentative production of fuel ethanol from food waste by an acid-tolerant mutant strain of <i>Zymomonas mobilis</i> . <i>Bioresource Technology</i> , 2016, 203, 295-302.	9.6	59
5	<i>Kurthia huakuii</i> sp. nov., isolated from biogas slurry, and emended description of the genus <i>Kurthia</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 518-521.	1.7	55
6	Isolation and characterization of a novel cinosulfuron degrading <i>Kurthia</i> sp. from a methanogenic microbial consortium. <i>Bioresource Technology</i> , 2013, 147, 477-483.	9.6	34
7	Pathway and kinetics of malachite green biodegradation by <i>Pseudomonas veronii</i> . <i>Scientific Reports</i> , 2020, 10, 4502.	3.3	33
8	Characterization of AiiK, an AHL lactonase, from <i>Kurthia huakuii</i> LAM0618T and its application in quorum quenching on <i>Pseudomonas aeruginosa</i> PAO1. <i>Scientific Reports</i> , 2018, 8, 6013.	3.3	31
9	Insight into the Characteristics and New Mechanism of Nicosulfuron Biodegradation by a <i>Pseudomonas</i> sp. LAM1902. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 826-837.	5.2	30
10	Characterization of a Highly Thermostable and Organic Solvent-Tolerant Copper-Containing Polyphenol Oxidase with Dye-Decolorizing Ability from <i>Kurthia huakuii</i> LAM0618T. <i>PLoS ONE</i> , 2016, 11, e0164810.	2.5	30
11	Comparison of high-titer lactic acid fermentation from NaOH- and NH ₃ -H ₂ O ₂ -pretreated corncob by <i>Bacillus coagulans</i> using simultaneous saccharification and fermentation. <i>Scientific Reports</i> , 2016, 6, 37245.	3.3	28
12	Metabolomics reveals the mechanism of tetracycline biodegradation by a <i>Sphingobacterium mizutaii</i> S121. <i>Environmental Pollution</i> , 2022, 305, 119299.	7.5	22
13	Nicosulfuron Biodegradation by a Novel Cold-Adapted Strain <i>Oceanisphaera psychrotolerans</i> LAM-WHM-ZC. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10243-10249.	5.2	19
14	<i>Bacillus vini</i> sp. nov. isolated from alcohol fermentation pit mud. <i>Archives of Microbiology</i> , 2016, 198, 559-564.	2.2	18
15	<i>Brevibacillus halotolerans</i> sp. nov., isolated from saline soil of a paddy field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 772-777.	1.7	17
16	Biodetoxification of Phenolic Inhibitors from Lignocellulose Pretreatment using <i>Kurthia huakuii</i> LAM0618T and Subsequent Lactic Acid Fermentation. <i>Molecules</i> , 2018, 23, 2626.	3.8	15
17	Heterologous expression of AHL lactonase AiiK by <i>Lactobacillus casei</i> MCJ ¹ with great quorum quenching ability against <i>Aeromonas hydrophila</i> AH-1 and AH-4. <i>Microbial Cell Factories</i> , 2020, 19, 191.	4.0	12
18	Biodegradation and metabolic pathway of sulfamethoxazole by <i>Sphingobacterium mizutaii</i> . <i>Scientific Reports</i> , 2021, 11, 23130.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Biodegradation of Tetracycline Antibiotics by the Yeast Strain <i>Cutaneotrichosporon dermatis</i> M503. <i>Microorganisms</i> , 2022, 10, 565.	3.6	8
20	<i>Microbacterium sulfonylureivorans</i> sp. nov., isolated from sulfonylurea herbicides degrading consortium. <i>Archives of Microbiology</i> , 2022, 204, 136.	2.2	6
21	Draft Genome Sequence of <i>Kurthia huakuii</i> LAM0618 T , an Organic-Pollutant-Degrading Strain Isolated from Biogas Slurry. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
22	<i>Actinoplanes solisilvae</i> sp. nov., Isolated from Birch Forest Soil. <i>Current Microbiology</i> , 2020, 77, 3799-3806.	2.2	2
23	<i>Streptomyces soli</i> sp. nov., isolated from birch forest soil. <i>Archives of Microbiology</i> , 2020, 202, 1687-1692.	2.2	2
24	<i>Arthrobacter sulfonylureivorans</i> sp. nov., isolated from a sulfonylurea herbicides degrading consortium enriched with birch forest soil. <i>Archives of Microbiology</i> , 2021, 203, 1039-1045.	2.2	1
25	<i>Pseudomonas tumuqii</i> sp. nov., isolated from greenhouse soil. <i>Archives of Microbiology</i> , 2022, 204, 249.	2.2	1