

Zitao Guo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

157
citations

1307366

7
h-index

1199470

12
g-index

16
all docs

16
docs citations

16
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced hydrolysis and acidification of cellulose at high loading for methane production via anaerobic digestion supplemented with high mobility nanobubble water. <i>Bioresource Technology</i> , 2020, 297, 122499.	4.8	38
2	Effects of nanobubble water on the growth of <i>Lactobacillus acidophilus</i> 1028 and its lactic acid production. <i>RSC Advances</i> , 2019, 9, 30760-30767.	1.7	31
3	Preparation of efficient, stable, and reusable copper-phosphotriesterase hybrid nanoflowers for biodegradation of organophosphorus pesticides. <i>Enzyme and Microbial Technology</i> , 2021, 146, 109766.	1.6	12
4	Preparation and characterization of a novel thermostable lipase from <i>Thermomicrobium roseum</i> . <i>Catalysis Science and Technology</i> , 2021, 11, 7386-7397.	2.1	11
5	Microbiome-metabolomics insights into the feces of high-fat diet mice to reveal the anti-obesity effects of yak (<i>Bos grunniens</i>) bone collagen hydrolysates. <i>Food Research International</i> , 2022, 156, 111024.	2.9	11
6	Metagenomic insights into the effects of nanobubble water on the composition of gut microbiota in mice. <i>Food and Function</i> , 2020, 11, 7175-7182.	2.1	10
7	Supplementation with nanobubble water alleviates obesity-associated markers through modulation of gut microbiota in high-fat diet fed mice. <i>Journal of Functional Foods</i> , 2020, 67, 103820.	1.6	10
8	Ancestral sequence reconstruction and spatial structure analysis guided alteration of longer-chain substrate catalysis for <i>Thermomicrobium roseum</i> lipase. <i>Enzyme and Microbial Technology</i> , 2022, 156, 109989.	1.6	10
9	The alteration of gut microbiota by bioactive peptides: a review. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 363-377.	1.5	9
10	Simulated gastrointestinal digestion of yak bone collagen hydrolysates and insights into its effects on gut microbiota composition in mice. <i>Food Bioscience</i> , 2021, 44, 101463.	2.0	6
11	Development of a multimetal-based phosphotriesterase hybrid nanoflowers for decontamination of environmental organophosphorus compounds pollution. <i>Chemical Engineering Journal</i> , 2022, 446, 136933.	6.6	5
12	Recreating the natural evolutionary trend in key microdomains provides an effective strategy for engineering of a thermomicrobial N-demethylase. <i>Journal of Biological Chemistry</i> , 2022, 298, 101656.	1.6	3
13	Affinity adsorption of phospholipase A1 with designed ligand binding to catalytic pocket. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1159, 122402.	1.2	1
14	Immobilization of Phospholipase A1 Using a Protein-Inorganic Hybrid System. <i>Polymers</i> , 2021, 13, 2865.	2.0	0
15	Heterologous expression, refolding, and characterization of a calcium-independent phospholipase A1 from <i>Streptomyces albidoflavus</i> . <i>Systems Microbiology and Biomanufacturing</i> , 0, , 1.	1.5	0