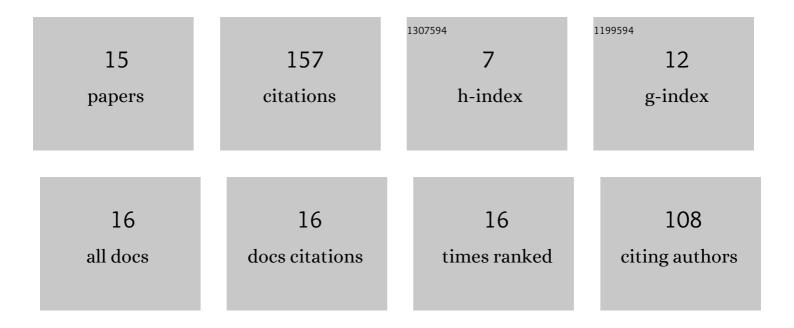
## Zitao Guo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9025437/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Ancestral sequence reconstruction and spatial structure analysis guided alteration of longer-chain substrate catalysis for Thermomicrobium roseum lipase. Enzyme and Microbial Technology, 2022, 156, 109989.	3.2	10
2	Recreating the natural evolutionary trend in key microdomains provides an effective strategy for engineering of a thermomicrobial N-demethylase. Journal of Biological Chemistry, 2022, 298, 101656.	3.4	3
3	Microbiome-metabolomics insights into the feces of high-fat diet mice to reveal the anti-obesity effects of yak (Bos grunniens) bone collagen hydrolysates. Food Research International, 2022, 156, 111024.	6.2	11
4	Development of a multimetal-based phosphotriesterase hybrid nanoflowers for decontamination of environmental organophosphorus compounds pollution. Chemical Engineering Journal, 2022, 446, 136933.	12.7	5
5	Preparation of efficient, stable, and reusable copper-phosphotriesterase hybrid nanoflowers for biodegradation of organophosphorus pesticides. Enzyme and Microbial Technology, 2021, 146, 109766.	3.2	12
6	The alteration of gut microbiota by bioactive peptides: a review. Systems Microbiology and Biomanufacturing, 2021, 1, 363-377.	2.9	9
7	Immobilization of Phospholipase A1 Using a Protein-Inorganic Hybrid System. Polymers, 2021, 13, 2865.	4.5	0
8	Preparation and characterization of a novel thermostable lipase from <i>Thermomicrobium roseum</i> . Catalysis Science and Technology, 2021, 11, 7386-7397.	4.1	11
9	Simulated gastrointestinal digestion of yak bone collagen hydrolysates and insights into its effects on gut microbiota composition in mice. Food Bioscience, 2021, 44, 101463.	4.4	6
10	Enhanced hydrolysis and acidification of cellulose at high loading for methane production via anaerobic digestion supplemented with high mobility nanobubble water. Bioresource Technology, 2020, 297, 122499.	9.6	38
11	Metagenomic insights into the effects of nanobubble water on the composition of gut microbiota in mice. Food and Function, 2020, 11, 7175-7182.	4.6	10
12	Affinity adsorption of phospholipase A1 with designed ligand binding to catalytic pocket. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1159, 122402.	2.3	1
13	Supplementation with nanobubble water alleviates obesity-associated markers through modulation of gut microbiota in high-fat diet fed mice. Journal of Functional Foods, 2020, 67, 103820.	3.4	10
14	Effects of nanobubble water on the growth of <i>Lactobacillus acidophilus</i> 1028 and its lactic acid production. RSC Advances, 2019, 9, 30760-30767.	3.6	31
15	Heterologous expression, refolding, and characterization of a calcium-independent phospholipase A1 from Streptomyces albidoflavus. Systems Microbiology and Biomanufacturing, 0, , 1.	2.9	Ο