

Ziqing Gao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

208
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	A theoretical study of the ESIPT mechanism of 3-hydroxyflavone derivatives: solvation effect and the importance of TICT for its dual fluorescence properties. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3136-3143.	4.5	43
2	Regulation of lipid accumulation in <i>Schizochytrium</i> sp. ATCC 20888 in response to different nitrogen sources. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1700025.	1.5	30
3	Sensing mechanism of a new fluorescent probe for hydrogen sulfide: photoinduced electron transfer and invalidity of excited-state intramolecular proton transfer. <i>RSC Advances</i> , 2021, 11, 22214-22220.	3.6	22
4	Solvation effect on the ESIPT mechanism of nitrile-substituted <i>ortho</i> -hydroxy-2-phenyl-oxazolines. <i>RSC Advances</i> , 2021, 11, 25795-25800.	3.6	21
5	Application and microbial preparation of d-valine. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 171.	3.6	19
6	<i>Paraburkholderia caffenilytica</i> sp. nov., isolated from the soil of a tea plantation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4185-4190.	1.7	18
7	Theoretical study on the ESIPT of fluorescent probe molecules N-(2-(4-(dimethylamino)phenyl)-3-hydroxy-4-oxo-4H-chromen-6-yl) butyramide in different solvents. <i>Journal of Molecular Liquids</i> , 2020, 314, 113614.	4.9	14
8	Novel caffeine degradation gene cluster is mega-plasmid encoded in <i>Paraburkholderia caffenilytica</i> CF1. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3025-3036.	3.6	11
9	Towards efficient enzymatic conversion of d-galactose to d-tagatose: purification and characterization of l-arabinose isomerase from <i>Lactobacillus brevis</i> . <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 107-116.	3.4	10
10	<i>Franconibacter daqui</i> sp. nov., a facultatively alkaliphilic species isolated from a Daqu sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4962-4966.	1.7	10
11	High-yield production of lipoglycopeptide antibiotic A40926 using a mutant strain <i>Nonomuraea</i> sp. DP-13 in optimized medium. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 171-175.	1.9	8
12	The oxidation of cyclo-olefin by the $\text{S}^{\text{II}}=\text{O}^{\text{II}}$ ground-state complex $[\text{FeIV}(\text{O})(\text{TQA})(\text{NCMe})]^{2+}$. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 371-382.	2.6	2