

Wu Wang

List of Publications by Year in descending order

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papers

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567281

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#	ARTICLE	IF	CITATIONS
1	Preparation of Pickering emulsion gels based on $\hat{\text{I}}^{\text{e}}$ -carrageenan and covalent crosslinking with EDC: Gelation mechanism and bioaccessibility of curcumin. <i>Food Chemistry</i> , 2021, 357, 129726.	8.2	45
2	Enhancement of Schizochytrium DHA synthesis by plasma mutagenesis aided with malonic acid and zeocin screening. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2351-2361.	3.6	43
3	Improved chalcopyrite bioleaching by <i>Acidithiobacillus</i> sp. via direct step-wise regulation of microbial community structure. <i>Bioresource Technology</i> , 2015, 192, 75-82.	9.6	35
4	Community dynamics of attached and free cells and the effects of attached cells on chalcopyrite bioleaching by <i>Acidithiobacillus</i> sp.. <i>Bioresource Technology</i> , 2014, 154, 185-191.	9.6	29
5	Novel integration strategy for enhancing chalcopyrite bioleaching by <i>Acidithiobacillus</i> sp. in a 7-L fermenter. <i>Bioresource Technology</i> , 2014, 161, 371-378.	9.6	29
6	The potential of asiaticoside for TGF- $\hat{\text{I}}^{\text{21}}$ /Smad signaling inhibition in prevention and progression of hypoxia-induced pulmonary hypertension. <i>Life Sciences</i> , 2015, 137, 56-64.	4.3	29
7	Insights into the Biogenic Amine Metabolic Landscape during Industrial Semidry Chinese Rice Wine Fermentation. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7385-7393.	5.2	29
8	Enhancement of soluble expression of codon-optimized <i>Thermomicrobium roseum</i> sarcosine oxidase in <i>Escherichia coli</i> via chaperone co-expression. <i>Journal of Biotechnology</i> , 2016, 218, 75-84.	3.8	28
9	Insights to the effects of free cells on community structure of attached cells and chalcopyrite bioleaching during different stages. <i>Bioresource Technology</i> , 2016, 200, 186-193.	9.6	28
10	Zinc Toxicity and Iron-Sulfur Cluster Biogenesis in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	28
11	Paeoniflorin-6-O-benzene sulfonate down-regulates CXCR4-G $\hat{\text{I}}^{\text{3}}$ -PI3K/AKT mediated migration in fibroblast-like synoviocytes of rheumatoid arthritis by inhibiting GRK2 translocation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 805-812.	2.1	23
12	Biodetection and bioremediation of copper ions in environmental water samples using a temperature-controlled, dual-functional <i>Escherichia coli</i> cell. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6797-6807.	3.6	20
13	Enhancement of dibenzothiophene biodesulfurization by weakening the feedback inhibition effects based on a systematic understanding of the biodesulfurization mechanism by <i>Gordonia</i> sp. through the potential $\hat{\text{e}}^{\text{4S}}$ -pathway. <i>RSC Advances</i> , 2016, 6, 82872-82881.	3.6	19
14	Effect of asiaticoside on endothelial cells in hypoxia-induced pulmonary hypertension. <i>Molecular Medicine Reports</i> , 2017, 17, 2893-2900.	2.4	18
15	Microbial community succession mechanism coupling with adaptive evolution of adsorption performance in chalcopyrite bioleaching. <i>Bioresource Technology</i> , 2015, 191, 37-44.	9.6	17
16	Efficient improvement on stability of sarcosine oxidase via poly-lysine modification on enzyme surface. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 140-146.	7.5	15
17	Low cost visible light driven plasmonic Ag $\hat{\text{e}}$ -AgBr/BiVO $\hat{\text{4}}$ system: fabrication and application as an efficient photocatalyst. <i>RSC Advances</i> , 2015, 5, 39651-39656.	3.6	15
18	Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. <i>Chromatographia</i> , 2011, 74, 443-450.	1.3	13

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19	Insights into the enhancement mechanism coupled with adapted adsorption behavior from mineralogical aspects in bioleaching of copper-bearing sulfide ore by <i>Acidithiobacillus</i> sp.. <i>RSC Advances</i> , 2015, 5, 98057-98066.	3.6	13
20	Theoretical basis of nitrosomyoglobin formation in a dry sausage model by coagulase-negative staphylococci: Behavior and expression of nitric oxide synthase. <i>Meat Science</i> , 2020, 161, 108022.	5.5	13
21	Combination therapy of ginsenoside compound K and methotrexate was efficient in elimination of anaemia and reduction of disease activity in adjuvant-induced arthritis rats. <i>Pharmaceutical Biology</i> , 2020, 58, 1140-1148.	2.9	11
22	Underwater Image Enhancement Via Learning Water Type Desensitized Representations. , 2022, , .		11
23	Preconcentration/Extraction of Phthalate Esters in Milk Samples Using MFe ₂ O ₄ -Based Magnetic Ionic Liquid Effervescent Tablets Consisting of Accessory Functional Fillers. <i>Food Analytical Methods</i> , 2019, 12, 2106-2119.	2.6	8
24	Development of a Sensitive <i>Escherichia coli</i> Bioreporter Without Antibiotic Markers for Detecting Bioavailable Copper in Water Environments. <i>Frontiers in Microbiology</i> , 2020, 10, 3031.	3.5	8
25	Removal of Chromium (VI) by <i>Escherichia coli</i> Cells Expressing Cytoplasmic or Surface-Displayed ChrB: a Comparative Study. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 996-1004.	2.1	5
26	A simple and rapid protein purification method based on cell-surface display of SUMO-fused recombinant protein and Ulp1 protease. <i>AMB Express</i> , 2020, 10, 65.	3.0	5
27	Iron inhibits <i>Escherichia coli</i> topoisomerase I activity by targeting the first two zinc-binding sites in the C-terminal domain. <i>Protein Science</i> , 2014, 23, 1619-1628.	7.6	4
28	Coenzyme-like ligands for affinity isolation of cholesterol oxidase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 169-174.	2.3	4