

# Wu Wang

## List of Publications by Year in descending order

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28  
papers

545  
citations

567281

15  
h-index

642732

23  
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29  
times ranked

656  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Underwater Image Enhancement Via Learning Water Type Desensitized Representations. , 2022, , .  |     | 11        |
| 2  | Preparation of Pickering emulsion gels based on Î²-carrageenan and covalent crosslinking with EDC: Gelation mechanism and bioaccessibility of curcumin. Food Chemistry, 2021, 357, 129726.  | 8.2 | 45        |
| 3  | Theoretical basis of nitrosomyoglobin formation in a dry sausage model by coagulase-negative staphylococci: Behavior and expression of nitric oxide synthase. Meat Science, 2020, 161, 108022.  | 5.5 | 13        |
| 4  | Combination therapy of ginsenoside compound K and methotrexate was efficient in elimination of anaemia and reduction of disease activity in adjuvant-induced arthritis rats. Pharmaceutical Biology, 2020, 58, 1140-1148.   | 2.9 | 11        |
| 5  | Development of a Sensitive Escherichia coli Bioreporter Without Antibiotic Markers for Detecting Bioavailable Copper in Water Environments. Frontiers in Microbiology, 2020, 10, 3031.  | 3.5 | 8         |
| 6  | Paeoniflorin-6â€²-O-benzene sulfonate down-regulates CXCR4-GÎ²Î³-PI3K/AKT mediated migration in fibroblast-like synoviocytes of rheumatoid arthritis by inhibiting GRK2 translocation. Biochemical and Biophysical Research Communications, 2020, 526, 805-812.     | 2.1 | 23        |
| 7  | Removal of Chromium (VI) by Escherichia coli Cells Expressing Cytoplasmic or Surface-Displayed ChrB: a Comparative Study. Journal of Microbiology and Biotechnology, 2020, 30, 996-1004.  | 2.1 | 5         |
| 8  | A simple and rapid protein purification method based on cell-surface display of SUMO-fused recombinant protein and Ulp1 protease. AMB Express, 2020, 10, 65.  | 3.0 | 5         |
| 9  | Preconcentration/Extraction of Phthalate Esters in Milk Samples Using MFe2O4-Based Magnetic Ionic Liquid Effervescent Tablets Consisting of Accessory Functional Fillers. Food Analytical Methods, 2019, 12, 2106-2119.   | 2.6 | 8         |
| 10 | Biodetection and bioremediation of copper ions in environmental water samples using a temperature-controlled, dual-functional Escherichia coli cell. Applied Microbiology and Biotechnology, 2019, 103, 6797-6807.  | 3.6 | 20        |
| 11 | Zinc Toxicity and Iron-Sulfur Cluster Biogenesis in <i>Escherichia coli</i>. Applied and Environmental Microbiology, 2019, 85, .  | 3.1 | 28        |
| 12 | Enhancement of Schizochytrium DHA synthesis by plasma mutagenesis aided with malonic acid and zeocin screening. Applied Microbiology and Biotechnology, 2018, 102, 2351-2361.   | 3.6 | 43        |
| 13 | Effect of asiaticoside on endothelial cells in hypoxiaâ€œinduced pulmonary hypertension. Molecular Medicine Reports, 2017, 17, 2893-2900.   | 2.4 | 18        |
| 14 | Enhancement of dibenzothiophene biodesulfurization by weakening the feedback inhibition effects based on a systematic understanding of the biodesulfurization mechanism by Gordonia sp. through the potential â€œ4Sâ€œ pathway. RSC Advances, 2016, 6, 82872-82881. | 3.6 | 19        |
| 15 | Insights into the Biogenic Amine Metabolic Landscape during Industrial Semidry Chinese Rice Wine Fermentation. Journal of Agricultural and Food Chemistry, 2016, 64, 7385-7393.   | 5.2 | 29        |
| 16 | Coenzyme-like ligands for affinity isolation of cholesterol oxidase. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 169-174.   | 2.3 | 4         |
| 17 | Enhancement of soluble expression of codon-optimized Thermomicrobium roseum sarcosine oxidase in Escherichia coli via chaperone co-expression. Journal of Biotechnology, 2016, 218, 75-84.  | 3.8 | 28        |
| 18 | Insights to the effects of free cells on community structure of attached cells and chalcopyrite bioleaching during different stages. Bioresource Technology, 2016, 200, 186-193.  | 9.6 | 28        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | The potential of asiaticoside for TGF- $\beta$ 1/Smad signaling inhibition in prevention and progression of hypoxia-induced pulmonary hypertension. <i>Life Sciences</i> , 2015, 137, 56-64.  | 4.3 | 29        |
| 22 | Low cost visible light driven plasmonic Ag@AgBr/BiVO <sub>4</sub> system: fabrication and application as an efficient photocatalyst. <i>RSC Advances</i> , 2015, 5, 39651-39656.  | 3.6 | 15        |
| 23 | 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        |
| 24 | 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         |
| 25 | 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        |
| 26 | 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        |
| 27 | 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        |
| 28 | Preparation and Performance Research on Glutathione Molecularly Imprinted Polymers. <i>Chromatographia</i> , 2011, 74, 443-450.   | 1.3 | 13        |