

He Huang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

397
citations

759233

12
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888059

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574
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Enhancing Catalytic Performance of Porcine Pancreatic Lipase by Covalent Modification Using Functional Ionic Liquids. ACS Catalysis, 2013, 3, 1976-1983. | 11.2 | 69 |
| 2 | SpyTag/SpyCatcher Cyclization Enhances the Thermostability of Firefly Luciferase. PLoS ONE, 2016, 11, e0162318. | 2.5 | 55 |
| 3 | Investigating the Influence of MoS ₂ Nanosheets on E. coli from Metabolomics Level. PLoS ONE, 2016, 11, e0167245. | 2.5 | 42 |
| 4 | Comparative Metabolomics Analysis of Docosahexaenoic Acid Fermentation Processes by <i>Schizochytrium</i> sp. under Different Oxygen Availability Conditions. OMICS A Journal of Integrative Biology, 2013, 17, 269-281. | 2.0 | 37 |
| 5 | Chemical modification for improving activity and stability of lipase B from <i>Candida antarctica</i> with imidazolium-functional ionic liquids. Organic and Biomolecular Chemistry, 2013, 11, 7192. | 2.8 | 36 |
| 6 | Root exuded low-molecular-weight organic acids affected the phenanthrene degrader differently: A multi-omics study. Journal of Hazardous Materials, 2021, 414, 125367. | 12.4 | 27 |
| 7 | Dispersible MoS ₂ Nanosheets Activated TGF- β 2/Smad Pathway and Perturbed the Metabolome of Human Dermal Fibroblasts. ACS Biomaterials Science and Engineering, 2017, 3, 3261-3272. | 5.2 | 19 |
| 8 | Effects of dispersible MoS ₂ nanosheets and Nano-silver coexistence on the metabolome of yeast. Chemosphere, 2018, 198, 216-225. | 8.2 | 17 |
| 9 | Insights from the complete genome sequence of <i>Clostridium tyrobutyricum</i> provide a platform for biotechnological and industrial applications. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 1245-1260. | 3.0 | 16 |
| 10 | Fermentative hydrogen production from Jerusalem artichoke by <i>Clostridium tyrobutyricum</i> expressing exo-inulinase gene. Scientific Reports, 2017, 7, 7940. | 3.3 | 16 |
| 11 | Dispersible MoS ₂ micro-sheets induced a proinflammatory response and apoptosis in the gills and liver of adult zebrafish. RSC Advances, 2018, 8, 17826-17836. | 3.6 | 16 |
| 12 | Luciferase-Zinc-Finger System for the Rapid Detection of Pathogenic Bacteria. Journal of Agricultural and Food Chemistry, 2017, 65, 6674-6681. | 5.2 | 15 |
| 13 | Enhancing the stability of trehalose synthase via SpyTag/SpyCatcher cyclization to improve its performance in industrial biocatalysts. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1473-1479. | 1.3 | 12 |
| 14 | Draft genome sequence of <i>Paenibacillus dauci</i> sp. nov., a carrot-associated endophytic actinobacteria. Genomics Data, 2015, 5, 241-253. | 1.3 | 9 |
| 15 | Catcher/Tag cyclization introduces electrostatic interaction mediated protein-protein interactions to enhance the thermostability of luciferase. Process Biochemistry, 2019, 80, 64-71. | 3.7 | 6 |
| 16 | Genome Sequence of <i>Paenibacillus wulumuqiensis</i> sp. nov., a Biofloculant-Producing Species. Genome Announcements, 2015, 3, . | 0.8 | 3 |
| 17 | Draft genome sequence of <i>Paenibacillus algorifonticola</i> sp. nov., an antimicrobial-producing strain. Genomics Data, 2015, 5, 302-308. | 1.3 | 2 |