

XinYi Zan

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

292
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

349
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A macromolecular β -glucan from fruiting bodies of <i>Volvariella volvacea</i> activating RAW264.7 macrophages through MAPKs pathway. <i>Carbohydrate Polymers</i> , 2020, 230, 115674. | 10.2 | 47 |
| 2 | <i>Hericium erinaceus</i> polysaccharide-protein HEG-5 inhibits SGC-7901 cell growth via cell cycle arrest and apoptosis. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 242-253. | 7.5 | 44 |
| 3 | Purification and partial characterization of a novel anti-tumor glycoprotein from cultured mycelia of <i>Grifola frondosa</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 62, 684-690. | 7.5 | 42 |
| 4 | <i>Grifola frondosa</i> Glycoprotein GFG-3a Arrests S phase, Alters Proteome, and Induces Apoptosis in Human Gastric Cancer Cells. <i>Nutrition and Cancer</i> , 2016, 68, 267-279. | 2.0 | 26 |
| 5 | ARTP mutation and adaptive laboratory evolution improve probiotic performance of <i>Bacillus coagulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6363-6373. | 3.6 | 24 |
| 6 | Enhanced Acid Tolerance in <i>Lactobacillus acidophilus</i> by Atmospheric and Room Temperature Plasma (ARTP) Coupled with Adaptive Laboratory Evolution (ALE). <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1499-1514. | 2.9 | 24 |
| 7 | <i>Mucor circinelloides</i> : a model organism for oleaginous fungi and its potential applications in bioactive lipid production. <i>Microbial Cell Factories</i> , 2022, 21, 29. | 4.0 | 19 |
| 8 | Ultrasound-assisted extraction and antioxidant activity of polysaccharides from <i>Acanthus ilicifolius</i> . <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1223-1235. | 3.2 | 17 |
| 9 | A preliminary study on polysaccharide extraction, purification, and antioxidant properties of sugar-rich filamentous microalgae <i>Tribonema minus</i> . <i>Journal of Applied Phycology</i> , 2022, 34, 2755-2767. | 2.8 | 13 |
| 10 | Improved glucose and xylose co-utilization by overexpression of xylose isomerase and/or xylulokinase genes in oleaginous fungus <i>Mucor circinelloides</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5565-5575. | 3.6 | 11 |
| 11 | Novel Dual-Functional Enzyme Lip10 Catalyzes Lipase and Acyltransferase Activities in the Oleaginous Fungus <i>Mucor circinelloides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13176-13184. | 5.2 | 10 |
| 12 | Biomass production of carbohydrate-rich filamentous microalgae coupled with treatment and nutrients recovery from acrylonitrile butadiene styrene based wastewater: Synergistic enhancement with low carbon dioxide supply strategy. <i>Bioresource Technology</i> , 2022, 349, 126829. | 9.6 | 9 |
| 13 | Magnetic/electric field intervention on oil-rich filamentous algae production in the application of acrylonitrile butadiene styrene based wastewater treatment. <i>Bioresource Technology</i> , 2022, 356, 127272. | 9.6 | 6 |