

Wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

531
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

410
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Label-free based comparative proteomic analysis of <i>Morchella importuna</i> development from the vegetative to the sexual reproductive stages. <i>Journal of Agriculture and Food Research</i> , 2022, 7, 100247. | 2.5 | 2 |
| 2 | Genetic polymorphism of Mel-21 <i>Morchella</i> tissue isolates. <i>Journal of Agriculture and Food Research</i> , 2022, 9, 100324. | 2.5 | 0 |
| 3 | Physiological Characteristics and Comparative Secretome Analysis of <i>Morchella importuna</i> Grown on Glucose, Rice Straw, Sawdust, Wheat Grain, and MIX Substrates. <i>Frontiers in Microbiology</i> , 2021, 12, 636344. | 3.5 | 13 |
| 4 | Spatial and temporal disequilibrium of nuclear distribution in heterothallic <i>Morchella importuna</i> . <i>Journal of Agriculture and Food Research</i> , 2021, 6, 100240. | 2.5 | 7 |
| 5 | The mitochondrial genome of <i>Morchella importuna</i> (272.2Åkb) is the largest among fungi and contains numerous introns, mitochondrial non-conserved open reading frames and repetitive sequences. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 373-381. | 7.5 | 63 |
| 6 | Interspecific hybridization between cultivated morels <i>Morchella importuna</i> and <i>Morchella sextelata</i> by PEG-induced double inactivated protoplast fusion. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 58. | 3.6 | 12 |
| 7 | Subchromosome-Scale Nuclear and Complete Mitochondrial Genome Characteristics of <i>Morchella crassipes</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 483. | 4.1 | 27 |
| 8 | Comparative transcriptomics reveals potential genes involved in the vegetative growth of <i>Morchella importuna</i> . <i>3 Biotech</i> , 2019, 9, 81. | 2.2 | 21 |
| 9 | Effect of Aging on Culture and Cultivation of the Culinary-Medicinal Mushrooms <i>Morchella importuna</i> and <i>M. sextelata</i> (Ascomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 1089-1098. | 1.5 | 13 |
| 10 | First report of pileus rot disease on cultivated <i>Morchella importuna</i> caused by <i>Diplodia spora longispora</i> in China. <i>Journal of General Plant Pathology</i> , 2018, 84, 65-69. | 1.0 | 25 |
| 11 | Involvement of autophagy and apoptosis and lipid accumulation in sclerotial morphogenesis of <i>Morchella importuna</i> . <i>Micron</i> , 2018, 109, 34-40. | 2.2 | 20 |
| 12 | Validation of Internal Control Genes for Quantitative Real-Time PCR Gene Expression Analysis in <i>Morchella</i> . <i>Molecules</i> , 2018, 23, 2331. | 3.8 | 24 |
| 13 | Opposite Polarity Monospore Genome De Novo Sequencing and Comparative Analysis Reveal the Possible Heterothallic Life Cycle of <i>Morchella importuna</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2525. | 4.1 | 31 |
| 14 | Comparative secretomic analysis of lignocellulose degradation by <i>Lentinula edodes</i> grown on microcrystalline cellulose, lignosulfonate and glucose. <i>Journal of Proteomics</i> , 2017, 163, 92-101. | 2.4 | 41 |
| 15 | Live cell confocal laser imaging studies on the nuclear behavior during meiosis and ascosporeogenesis in <i>Morchella importuna</i> under artificial cultivation. <i>Micron</i> , 2017, 101, 108-113. | 2.2 | 23 |
| 16 | Genome Sequence of the Edible Cultivated Mushroom <i>Lentinula edodes</i> (Shiitake) Reveals Insights into Lignocellulose Degradation. <i>PLoS ONE</i> , 2016, 11, e0160336. | 2.5 | 110 |
| 17 | Morphological and ultrastructural examination of senescence in <i>Morchella elata</i> . <i>Micron</i> , 2015, 78, 79-84. | 2.2 | 15 |
| 18 | Constructing a new integrated genetic linkage map and mapping quantitative trait loci for vegetative mycelium growth rate in <i>Lentinula edodes</i> . <i>Fungal Biology</i> , 2014, 118, 295-308. | 2.5 | 37 |

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|----|---|-----|-----------|
| 19 | Development of IRAP-SCAR marker for strain identification in <i>Lentinula edodes</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1731-1734. | 3.6 | 4 |
| 20 | Comparative analysis on the diversity of <i>Auricularia auricula-judae</i> by physiological characteristics, somatic incompatibility and TRAP fingerprinting. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2081-2093. | 3.6 | 6 |
| 21 | Using SSR markers to evaluate the genetic diversity of <i>Lentinula edodes</i> ™ natural germplasm in China. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 527-536. | 3.6 | 29 |
| 22 | Applying target region amplification polymorphism markers for analyzing genetic diversity of <i>Lentinula edodes</i> in China. <i>Journal of Basic Microbiology</i> , 2010, 50, 475-483. | 3.3 | 8 |