

# Wei Liu

## List of Publications by Year in descending order

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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	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
2	The mitochondrial genome of <i>Morchella importuna</i> (272.2 kb) 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
3	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
4	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
5	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
6	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
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	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
9	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
10	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
11	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
12	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
13	Morphological and ultrastructural examination of senescence in <i>Morchella elata</i> . <i>Micron</i> , 2015, 78, 79-84.	2.2	15
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Genetic polymorphism of Mel-21 <i>Morchella</i> tissue isolates. <i>Journal of Agriculture and Food Research</i> , 2022, 9, 100324.	2.5	0