

Hui Chen

List of Publications by Year in descending order

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15
papers

393
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933447

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996975

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docs citations

15
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomic analysis of <i>Stropharia rugosoannulata</i> reveals carbohydrate metabolism and cold resistance mechanisms under low-temperature stress. <i>AMB Express</i> , 2022, 12, 56.	3.0	6
2	Genetic and functional analysis of the Zn(II)2Cys6 transcription factor HADA-1 in <i>Hypsizygus marmoreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2815-2829.	3.6	9
3	The physical structure of compost and C and N utilization during composting and mushroom growth in <i>Agaricus bisporus</i> cultivation with rice, wheat, and reed straw-based composts. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3811-3823.	3.6	14
4	The functions of glutathione peroxidase in ROS homeostasis and fruiting body development in <i>Hypsizygus marmoreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10555-10570.	3.6	20
5	Exogenous l-ascorbic acid regulates the antioxidant system to increase the regeneration of damaged mycelia and induce the development of fruiting bodies in <i>Hypsizygus marmoreus</i> . <i>Fungal Biology</i> , 2020, 124, 551-561.	2.5	7
6	Comparative transcriptome analysis reveals potential fruiting body formation mechanisms in <i>Morchella importuna</i> . <i>AMB Express</i> , 2019, 9, 103.	3.0	29
7	Hydrogen-rich water mediates redox regulation of the antioxidant system, mycelial regeneration and fruiting body development in <i>Hypsizygus marmoreus</i> . <i>Fungal Biology</i> , 2018, 122, 310-321.	2.5	13
8	Hydrogen-rich water alleviates the toxicities of different stresses to mycelial growth in <i>Hypsizygus marmoreus</i> . <i>AMB Express</i> , 2017, 7, 107.	3.0	30
9	Construction and application of a gene silencing system using a dual promoter silencing vector in <i>Hypsizygus marmoreus</i> . <i>Journal of Basic Microbiology</i> , 2017, 57, 78-86.	3.3	5
10	Hydrogen-rich water increases postharvest quality by enhancing antioxidant capacity in <i>Hypsizygus marmoreus</i> . <i>AMB Express</i> , 2017, 7, 221.	3.0	38
11	Mechanism of Glucose Regulates the Fruiting Body Formation in the Beech Culinary-Medicinal Mushroom, <i>Hypsizygus marmoreus</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 179-189.	1.5	3
12	An A20/AN1-type zinc finger protein modulates gibberellins and abscisic acid contents and increases sensitivity to abiotic stress in rice (<i>Oryza sativa</i>). <i>Journal of Experimental Botany</i> , 2016, 67, 315-326.	4.8	75
13	Transcriptome Analysis and Its Application in Identifying Genes Associated with Fruiting Body Development in Basidiomycete <i>Hypsizygus marmoreus</i> . <i>PLoS ONE</i> , 2015, 10, e0123025.	2.5	54
14	Cloning and functional analysis of a laccase gene during fruiting body formation in <i>Hypsizygus marmoreus</i> . <i>Microbiological Research</i> , 2015, 179, 54-63.	5.3	45
15	An efficient <i>Agrobacterium</i> -mediated transformation method for the edible mushroom <i>Hypsizygus marmoreus</i> . <i>Microbiological Research</i> , 2014, 169, 741-748.	5.3	45