

# Hui Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3659562/publications.pdf>

Version: 2024-02-01

15  
papers

393  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

463  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | Comparative transcriptome analysis reveals potential fruiting body formation mechanisms in <i>Morchella importuna</i> . <i>AMB Express</i> , 2019, 9, 103.   | 3.0 | 29        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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         |
| 12 | 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         |
| 13 | 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         |
| 14 | 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         |
| 15 | 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         |