

Sui-Yun Chen

List of Publications by Year in descending order

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29
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Phytomelatonin: An Emerging Regulator of Plant Biotic Stress Resistance. <i>Trends in Plant Science</i> , 2021, 26, 70-82. | 8.8 | 103 |
| 2 | Overexpression of the Melatonin Synthesis-Related Gene SICOMT1 Improves the Resistance of Tomato to Salt Stress. <i>Molecules</i> , 2019, 24, 1514. | 3.8 | 53 |
| 3 | <i>Solanum</i> steroidal glycoalkaloids: structural diversity, biological activities, and biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 1423-1444. | 10.3 | 48 |
| 4 | Identification, Biological Activities and Biosynthetic Pathway of Dendrobium Alkaloids. <i>Frontiers in Pharmacology</i> , 2021, 12, 605994. | 3.5 | 32 |
| 5 | Melatonin confers heavy metal-induced tolerance by alleviating oxidative stress and reducing the heavy metal accumulation in <i>Exophiala pisciphila</i> , a dark septate endophyte (DSE). <i>BMC Microbiology</i> , 2021, 21, 40. | 3.3 | 30 |
| 6 | Melatonin synthesis genes <i>N-acetylserotonin methyltransferases</i> evolved into caffeic acid <i>O-methyltransferases</i> and both assisted in plant terrestrialization. <i>Journal of Pineal Research</i> , 2021, 71, e12737. | 7.4 | 25 |
| 7 | Dry mycelium of <i>Penicillium chrysogenum</i> induces expression of pathogenesis-related protein genes and resistance against wilt diseases in Bt transgenic cotton. <i>Biological Control</i> , 2006, 39, 460-464. | 3.0 | 22 |
| 8 | Dry mycelium of <i>Penicillium chrysogenum</i> activates defense responses and restricts the spread of Tobacco Mosaic Virus in tobacco. <i>Physiological and Molecular Plant Pathology</i> , 2015, 92, 28-37. | 2.5 | 16 |
| 9 | Structural characterization of a polysaccharide from dry mycelium of <i>Penicillium chrysogenum</i> that induces resistance to Tobacco mosaic virus in tobacco plants. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 67-79. | 7.5 | 16 |
| 10 | Grafting: a potential method to reveal the differential accumulation mechanism of secondary metabolites. <i>Horticulture Research</i> , 2022, 9, uhac050. | 6.3 | 16 |
| 11 | Plasticity in the self-incompatibility system of cultivated <i>Nicotiana glauca</i> . <i>Euphytica</i> , 2016, 208, 129-141. | 1.2 | 13 |
| 12 | <i>Penicillium chrysogenum</i> polypeptide extract protects tobacco plants from tobacco mosaic virus infection through modulation of ABA biosynthesis and callose priming. <i>Journal of Experimental Botany</i> , 2021, 72, 3526-3539. | 4.8 | 12 |
| 13 | Interspecific cross-hybrids of <i>Nicotiana tabacum</i> L. cv. (<i>glauca</i>) S K326™ with <i>Nicotiana glauca</i> . <i>Plant Breeding</i> , 2017, 136, 427-435. | 1.9 | 6 |
| 14 | Simultaneous multiplex RT-PCR detection of four viruses associated with maize lethal necrosis disease. <i>Journal of Virological Methods</i> , 2021, 298, 114286. | 2.1 | 6 |
| 15 | Hydroxy-octadecenoic acids instead of phorbol esters are responsible for the <i>Jatropha curcas</i> kernel cake™s toxicity. <i>Communications Biology</i> , 2020, 3, 228. | 4.4 | 5 |
| 16 | The complete chloroplast genome sequence of a rambler rose, <i>Rosa wichuraiana</i> (Rosaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 252-253. | 0.4 | 5 |
| 17 | Cytological abnormalities during pollen development in interspecific hybrids of <i>Nicotiana</i> . <i>Crop and Pasture Science</i> , 2020, 71, 1029. | 1.5 | 5 |
| 18 | OUP accepted manuscript. <i>Journal of Experimental Botany</i> , 2022, , . | 4.8 | 5 |

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|----|---|-----|-----------|
| 19 | A potyvirus isolated from <i>Mirabilis jalapa</i> in China represents a new species. <i>Archives of Virology</i> , 2020, 165, 505-507. | 2.1 | 4 |
| 20 | Identification of pollen and pistil polygalacturonases in <i>Nicotiana tabacum</i> and their function in interspecific stigma compatibility. <i>Plant Reproduction</i> , 2020, 33, 173-190. | 2.2 | 4 |
| 21 | NaKT12, a Kunitz trypsin inhibitor transcriptionally regulated by NaWRKY3 and NaWRKY6, is required for herbivore resistance in <i>Nicotiana attenuata</i> . <i>Plant Cell Reports</i> , 2021, 40, 97-109. | 5.6 | 4 |
| 22 | Development of an RT-LAMP assay for the detection of maize yellow mosaic virus in maize. <i>Journal of Virological Methods</i> , 2022, 300, 114384. | 2.1 | 4 |
| 23 | Identifying Immigrating <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) Using Field Cages: A Case Study in the Yuanjiang (Red River) Valley of Yunnan, China. <i>Journal of Insect Science</i> , 2019, 19, . | 1.5 | 3 |
| 24 | Genome-Wide Identification and Expression Profile of the SNAT Gene Family in Tobacco (<i>Nicotiana glauca</i>). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 101-110. | 2.3 | 3 |
| 25 | The morphological and physiological basis of delayed pollination overcoming pre-fertilization cross-incompatibility in <i>Nicotiana glauca</i> . <i>Plant Biology</i> , 2020, 22, 1002-1012. | 3.8 | 3 |
| 26 | Identification of SABATH Family Members in <i>Solanum lycopersicum</i> and Their Expression Patterns Under Abiotic/Biotic Stresses. <i>Plant Molecular Biology Reporter</i> , 2020, 39, 403. | 1.8 | 3 |
| 27 | Construction of stable infectious full-length and eGFP-tagged cDNA clones of <i>Mirabilis crinkle</i> mosaic virus via In-Fusion cloning. <i>Virus Research</i> , 2020, 286, 198039. | 2.2 | 3 |
| 28 | Research on the regulatory mechanisms of self-incompatibility plasticity in <i>Nicotiana glauca</i> . <i>Euphytica</i> , 2020, 216, 1. | 1.2 | 2 |
| 29 | Crude peptides extracted from dry mycelium of <i>Penicillium chrysogenum</i> serve as a micro-associated molecular pattern to induce systemic resistance against tobacco mosaic virus in tobacco. <i>Physiological and Molecular Plant Pathology</i> , 2021, 115, 101677. | 2.5 | 1 |