

Dake Zhao

List of Publications by Year in descending order

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33
papers

1,273
citations

471509

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h-index

395702

33
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34
all docs

34
docs citations

34
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	Grafting: a potential method to reveal the differential accumulation mechanism of secondary metabolites. Horticulture Research, 2022, 9, uhac050.	6.3	16
2	Gene rational design: the dawn of crop breeding. Trends in Plant Science, 2022, , .	8.8	2
3	OUP accepted manuscript. Journal of Experimental Botany, 2022, , .	4.8	5
4	NtCOMT1 responsible for phytomelatonin biosynthesis confers drought tolerance in Nicotiana tabacum. Phytochemistry, 2022, 202, 113306.	2.9	6
5	Phytomelatonin: An Emerging Regulator of Plant Biotic Stress Resistance. Trends in Plant Science, 2021, 26, 70-82.	8.8	103
6	<i>Solanum</i> steroidal glycoalkaloids: structural diversity, biological activities, and biosynthesis. Natural Product Reports, 2021, 38, 1423-1444.	10.3	48
7	<i>Aconitum</i> Diterpenoid Alkaloid Profiling to Distinguish between the Official Traditional Chinese Medicine (TCM) Fuzi and Adulterant Species Using LC-qToF-MS with Chemometrics. Journal of Natural Products, 2021, 84, 570-587.	3.0	7
8	Melatonin confers heavy metal-induced tolerance by alleviating oxidative stress and reducing the heavy metal accumulation in Exophiala pisciphila, a dark septate endophyte (DSE). BMC Microbiology, 2021, 21, 40.	3.3	30
9	Melatonin inhibits seed germination by crosstalk with abscisic acid, gibberellin, and auxin in Arabidopsis. Journal of Pineal Research, 2021, 70, e12736.	7.4	61
10	Identification, Biological Activities and Biosynthetic Pathway of Dendrobium Alkaloids. Frontiers in Pharmacology, 2021, 12, 605994.	3.5	32
11	Orchid Reintroduction Based on Seed Germination-Promoting Mycorrhizal Fungi Derived From Protocorms or Seedlings. Frontiers in Plant Science, 2021, 12, 701152.	3.6	23
12	Melatonin synthesis genes <i>N</i>-acetylserotonin methyltransferases evolved into caffeic acid <i>O</i>-methyltransferases and both assisted in plant terrestrialization. Journal of Pineal Research, 2021, 71, e12737.	7.4	25
13	Genome-Wide Identification and Expression Profile of the SNAT Gene Family in Tobacco (Nicotiana Tj ETQq1 1 0.784314 rgBT /Overl 2.3 3	2.3	3
14	Conosiligins Aâ€D, Ring-Rearranged Tremulane Sesquiterpenoids from Conocybe siliginea. Journal of Natural Products, 2020, 83, 2743-2748.	3.0	11
15	Fungi isolated from host protocorms accelerate symbiotic seed germination in an endangered orchid species (Dendrobium chrysotoxum) from southern China. Mycorrhiza, 2020, 30, 529-539.	2.8	23
16	Structural diversity, bioactivities, and biosynthesis of natural diterpenoid alkaloids. Natural Product Reports, 2020, 37, 763-796.	10.3	85
17	Overexpression of the Melatonin Synthesis-Related Gene SICOMT1 Improves the Resistance of Tomato to Salt Stress. Molecules, 2019, 24, 1514.	3.8	53
18	Melatonin Synthesis and Function: Evolutionary History in Animals and Plants. Frontiers in Endocrinology, 2019, 10, 249.	3.5	402

#	ARTICLE	IF	CITATIONS
19	A novel case of autogamy and cleistogamy in <i>Dendrobium wangliangii</i> : A rare orchid distributed in the dry-hot valley. <i>Ecology and Evolution</i> , 2019, 9, 12906-12914.	1.9	8
20	Enriched networks of nucleoside/nucleotide and ribonucleoside/ribonucleotide metabolic processes and response to stimulus potentially conferred to drought adaptation of the epiphytic orchid <i>Dendrobium wangliangii</i> . <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 31-45.	3.1	13
21	Four new C19-diterpenoid alkaloids from the roots of <i>Aconitum ouvardianum</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 9-16.	1.4	5
22	Two new bis-C ₂₀ -diterpenoid alkaloids with anti-inflammation activity from <i>Aconitum bulleyanum</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 323-330.	1.4	14
23	Identification of Potential Biomarkers from <i>Aconitum carmichaelii</i> , a Traditional Chinese Medicine, Using a Metabolomic Approach. <i>Planta Medica</i> , 2018, 84, 434-441.	1.3	24
24	Probing the transcriptome of <i>Aconitum carmichaelii</i> reveals the candidate genes associated with the biosynthesis of the toxic aconitine-type C19-diterpenoid alkaloids. <i>Phytochemistry</i> , 2018, 152, 113-124.	2.9	20
25	The Role of Phyto-Melatonin and Related Metabolites in Response to Stress. <i>Molecules</i> , 2018, 23, 1887.	3.8	103
26	Two New C ₁₉ -Diterpenoid Alkaloids with Anti-inflammatory Activity from <i>Aconitum iochanicum</i> . <i>Chinese Journal of Chemistry</i> , 2017, 35, 1644-1647.	4.9	17
27	Four new diterpenoid alkaloids with antitumor effect from <i>Aconitum nagarum</i> var. <i>heterotrichum</i> . <i>Chinese Chemical Letters</i> , 2017, 28, 358-361.	9.0	16
28	Two new C ₁₉ -diterpenoid alkaloids from <i>Aconitum tsaii</i> . <i>Journal of Asian Natural Products Research</i> , 2017, 19, 457-461.	1.4	10
29	Genomic Analysis of the ASMT Gene Family in <i>Solanum lycopersicum</i> . <i>Molecules</i> , 2017, 22, 1984.	3.8	28
30	Two new C ₁₉ -diterpenoid alkaloids from <i>Aconitum straminiflorum</i> . <i>Journal of Asian Natural Products Research</i> , 2016, 18, 366-370.	1.4	6
31	Identification of Glutathione S-Transferase (GST) Genes from a Dark Septate Endophytic Fungus (<i>Exophiala pisciphila</i>) and Their Expression Patterns under Varied Metals Stress. <i>PLoS ONE</i> , 2015, 10, e0123418.	2.5	44
32	Four new C ₁₈ -diterpenoid alkaloids with analgesic activity from <i>Aconitum weixiense</i> . <i>Fä-toterapÄ-Äφ</i> , 2013, 91, 280-283.	2.2	21
33	Three New C ₁₉ -Diterpenoid Alkaloids from <i>Aconitum forrestii</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 2155-2159.	1.6	8