

Ruibing Chen

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

647
citations

840585

11
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	miR160: An Indispensable Regulator in Plant. <i>Frontiers in Plant Science</i> , 2022, 13, 833322.	1.7	17
2	Engineering cofactor supply and recycling to drive phenolic acid biosynthesis in yeast. <i>Nature Chemical Biology</i> , 2022, 18, 520-529.	3.9	65
3	Discovery and modulation of diterpenoid metabolism improves glandular trichome formation, artemisinin production and stress resilience in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2021, 230, 2387-2403.	3.5	18
4	Advanced Strategies for Production of Natural Products in Yeast. <i>IScience</i> , 2020, 23, 100879.	1.9	107
5	Molecular cloning and metabolomic characterization of the 5-enolpyruvylshikimate-3-phosphate synthase gene from <i>Baphicacanthus cusia</i> . <i>BMC Plant Biology</i> , 2019, 19, 485.	1.6	6
6	The integration of metabolome and proteome reveals bioactive polyphenols and hispidin in ARTP mutagenized <i>Phellinus baumii</i> . <i>Scientific Reports</i> , 2019, 9, 16172.	1.6	20
7	Transcriptome analysis reveals novel enzymes for apo-carotenoid biosynthesis in saffron and allows construction of a pathway for crocetin synthesis in yeast. <i>Journal of Experimental Botany</i> , 2019, 70, 4819-4834.	2.4	33
8	Functional Diversity of Diterpene Synthases in the Biofuel Crop Switchgrass. <i>Plant Physiology</i> , 2018, 178, 54-71.	2.3	44
9	Integrated Transcript and Metabolite Profiles Reveal That EbCHI Plays an Important Role in Scutellarin Accumulation in <i>Erigeron breviscapus</i> Hairy Roots. <i>Frontiers in Plant Science</i> , 2018, 9, 789.	1.7	8
10	AP2/ERF Transcription Factor, li049, Positively Regulates Lignan Biosynthesis in <i>Isatis indigotica</i> through Activating Salicylic Acid Signaling and Lignan/Lignin Pathway Genes. <i>Frontiers in Plant Science</i> , 2017, 8, 1361.	1.7	81
11	Gene-to-metabolite network for biosynthesis of lignans in MeJA-elicited <i>Isatis indigotica</i> hairy root cultures. <i>Frontiers in Plant Science</i> , 2015, 6, 952.	1.7	49
12	Combined transcriptome and metabolite profiling reveals that <i>PLR1</i> plays an important role in larciresinol accumulation in <i>Isatis indigotica</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 6259-6271.	2.4	38
13	TRICHOME AND ARTEMISININ REGULATOR 1 Is Required for Trichome Development and Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Molecular Plant</i> , 2015, 8, 1396-1411.	3.9	161