Ruibing Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6191916/publications.pdf

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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	TRICHOME AND ARTEMISININ REGULATOR 1 Is Required for Trichome Development and Artemisinin Biosynthesis in Artemisia annua. Molecular Plant, 2015, 8, 1396-1411.	3.9	161
2	Advanced Strategies for Production of Natural Products in Yeast. IScience, 2020, 23, 100879.	1.9	107
3	AP2/ERF Transcription Factor, Ii049, Positively Regulates Lignan Biosynthesis in Isatis indigotica through Activating Salicylic Acid Signaling and Lignan/Lignin Pathway Genes. Frontiers in Plant Science, 2017, 8, 1361.	1.7	81
4	Engineering cofactor supply and recycling to drive phenolic acid biosynthesis in yeast. Nature Chemical Biology, 2022, 18, 520-529.	3.9	65
5	Gene-to-metabolite network for biosynthesis of lignans in MeJA-elicited Isatis indigotica hairy root cultures. Frontiers in Plant Science, 2015, 6, 952.	1.7	49
6	Functional Diversity of Diterpene Synthases in the Biofuel Crop Switchgrass. Plant Physiology, 2018, 178, 54-71.	2.3	44
7	Combined transcriptome and metabolite profiling reveals thatIiPLR1 plays an important role in lariciresinol accumulation inIsatis indigotica. Journal of Experimental Botany, 2015, 66, 6259-6271.	2.4	38
8	Transcriptome analysis reveals novel enzymes for apo-carotenoid biosynthesis in saffron and allows construction of a pathway for crocetin synthesis in yeast. Journal of Experimental Botany, 2019, 70, 4819-4834.	2.4	33
9	The integration of metabolome and proteome reveals bioactive polyphenols and hispidin in ARTP mutagenized Phellinus baumii. Scientific Reports, 2019, 9, 16172.	1.6	20
10	Discovery and modulation of diterpenoid metabolism improves glandular trichome formation, artemisinin production and stress resilience in Artemisia annua. New Phytologist, 2021, 230, 2387-2403.	3.5	18
11	miR160: An Indispensable Regulator in Plant. Frontiers in Plant Science, 2022, 13, 833322.	1.7	17
12	Integrated Transcript and Metabolite Profiles Reveal That EbCHI Plays an Important Role in Scutellarin Accumulation in Erigeron breviscapus Hairy Roots. Frontiers in Plant Science, 2018, 9, 789.	1.7	8
13	Molecular cloning and metabolomic characterization of the 5-enolpyruvylshikimate-3-phosphate synthase gene from Baphicacanthus cusia. BMC Plant Biology, 2019, 19, 485.	1.6	6