Hexin tan

List of Publications by Year
in descending order

26 papers	1,726 citations	430754 18 h-index	552653 26 g-index
27 all docs	27 docs citations	27 times ranked	2035 citing authors

#	Article	IF	Citations
1	Defective Pollen WallIs Required for Anther and Microspore Development in Rice and Encodes a Fatty Acyl Carrier Protein Reductase Â Â. Plant Cell, 2011, 23, 2225-2246.	3.1	226
2	The FLORAL ORGAN NUMBER4 Gene Encoding a Putative Ortholog of Arabidopsis CLAVATA3 Regulates Apical Meristem Size in Rice. Plant Physiology, 2006, 142, 1039-1052.	2.3	198
3	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
4	SmMYC2a and SmMYC2b played similar but irreplaceable roles in regulating the biosynthesis of tanshinones and phenolic acids in Salvia miltiorrhiza. Scientific Reports, 2016, 6, 22852.	1.6	129
5	¹³C Tracer Reveals Phenolic Acids Biosynthesis in Hairy Root Cultures of Salvia miltiorrhiza. ACS Chemical Biology, 2013, 8, 1537-1548.	1.6	116
6	CRISPR/Cas9-mediated efficient targeted mutagenesis of RAS in Salvia miltiorrhiza. Phytochemistry, 2018, 148, 63-70.	1.4	115
7	MTR1 Encodes a Secretory Fasciclin Glycoprotein Required for Male Reproductive Development in Rice. Developmental Cell, 2012, 22, 1127-1137.	3.1	109
8	RICE MORPHOLOGY DETERMINANTEncodes the Type II Formin FH5 and Regulates Rice Morphogenesis Â Â. Plant Cell, 2011, 23, 681-700.	3.1	101
9	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
10	Artemisia annua glandular secretory trichomes: the biofactory of antimalarial agent artemisinin. Science Bulletin, 2016, 61, 26-36.	4.3	74
11	Rice actin binding protein RMD controls crown root angle in response to external phosphate. Nature Communications, 2018, 9, 2346.	5.8	66
12	Dynamic metabolic and transcriptomic profiling of methyl jasmonateâ€treated hairy roots reveals synthetic characters and regulators of lignan biosynthesis in Isatis indigotica Fort. Plant Biotechnology Journal, 2016, 14, 2217-2227.	4.1	51
13	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
14	TRICHOME AND ARTEMISININ REGULATOR 2 positively regulates trichome development and artemisinin biosynthesis in Artemisia annua. New Phytologist, 2020, 228, 932-945.	3.5	45
15	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
16	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
17	IiWRKY34 positively regulates yield, lignan biosynthesis and stress tolerance in Isatis indigotica. Acta Pharmaceutica Sinica B, 2020, 10, 2417-2432.	5.7	26
18	The Post-meiotic Deficicent Anther1 (PDA1) gene is required for post-meiotic anther development in rice. Journal of Genetics and Genomics, 2010, 37, 37-46.	1.7	22

#	Article	IF	Citations
19	Genome-Wide Identification and Characterization of Salvia miltiorrhiza Laccases Reveal Potential Targets for Salvianolic Acid B Biosynthesis. Frontiers in Plant Science, 2019, 10, 435.	1.7	20
20	Stable Internal Reference Genes for Normalizing Real-Time Quantitative PCR in Baphicacanthus cusia under Hormonal Stimuli and UV Irradiation, and in Different Plant Organs. Frontiers in Plant Science, 2017, 8, 668.	1.7	19
21	The biosynthesis and genetic engineering of bioactive indole alkaloids in plants. Journal of Plant Biology, 2016, 59, 203-214.	0.9	14
22	Targeted expression of Vitreoscilla hemoglobin improves the production of tropane alkaloids in Hyoscyamus niger hairy roots. Scientific Reports, 2018, 8, 17969.	1.6	13
23	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
24	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
25	Metabolic engineering of vitamin C production in Arabidopsis. Biotechnology and Bioprocess Engineering, 2015, 20, 677-684.	1.4	3
26	Molecular Mechanisms and Gene Regulation for Biosynthesis of Medicinal Plant Active Ingredients. , 2019, , 235-266.		0