

Hexin tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4478713/publications.pdf>

Version: 2024-02-01

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	<i>TRICHOME AND ARTEMISININ REGULATOR 2</i> positively regulates trichome development and artemisinin biosynthesis in <i>Artemisia annua</i>. <i>New Phytologist</i> , 2020, 228, 932-945.	3.5	45
2	liWRKY34 positively regulates yield, lignan biosynthesis and stress tolerance in <i>Isatis indigotica</i> . <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2417-2432.	5.7	26
3	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
4	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
5	Genome-Wide Identification and Characterization of <i>Salvia miltiorrhiza</i> Laccases Reveal Potential Targets for Salvianolic Acid B Biosynthesis. <i>Frontiers in Plant Science</i> , 2019, 10, 435.	1.7	20
6	Molecular Mechanisms and Gene Regulation for Biosynthesis of Medicinal Plant Active Ingredients. , 2019, , 235-266.		0
7	CRISPR/Cas9-mediated efficient targeted mutagenesis of RAS in <i>Salvia miltiorrhiza</i> . <i>Phytochemistry</i> , 2018, 148, 63-70.	1.4	115
8	Targeted expression of <i>Vitreoscilla</i> hemoglobin improves the production of tropane alkaloids in <i>Hyoscyamus niger</i> hairy roots. <i>Scientific Reports</i> , 2018, 8, 17969.	1.6	13
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	Rice actin binding protein RMD controls crown root angle in response to external phosphate. <i>Nature Communications</i> , 2018, 9, 2346.	5.8	66
11	Stable Internal Reference Genes for Normalizing Real-Time Quantitative PCR in <i>Baphicacanthus cusia</i> under Hormonal Stimuli and UV Irradiation, and in Different Plant Organs. <i>Frontiers in Plant Science</i> , 2017, 8, 668.	1.7	19
12	AP2/ERF Transcription Factor, liO49, 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
13	Dynamic metabolic and transcriptomic profiling of methyl jasmonate-treated hairy roots reveals synthetic characters and regulators of lignan biosynthesis in <i>Isatis indigotica</i> Fort. <i>Plant Biotechnology Journal</i> , 2016, 14, 2217-2227.	4.1	51
14	SmMYC2a and SmMYC2b played similar but irreplaceable roles in regulating the biosynthesis of tanshinones and phenolic acids in <i>Salvia miltiorrhiza</i> . <i>Scientific Reports</i> , 2016, 6, 22852.	1.6	129
15	The biosynthesis and genetic engineering of bioactive indole alkaloids in plants. <i>Journal of Plant Biology</i> , 2016, 59, 203-214.	0.9	14
16	<i>Artemisia annua</i> glandular secretory trichomes: the biofactory of antimalarial agent artemisinin. <i>Science Bulletin</i> , 2016, 61, 26-36.	4.3	74
17	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
18	Combined transcriptome and metabolite profiling reveals that <i>li</i>PLR1 plays an important role in lariciresinol accumulation in <i>Isatis indigotica</i>. <i>Journal of Experimental Botany</i> , 2015, 66, 6259-6271.	2.4	38

#	ARTICLE	IF	CITATIONS
19	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
20	Metabolic engineering of vitamin C production in <i>Arabidopsis</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 677-684.	1.4	3
21	¹³ C Tracer Reveals Phenolic Acids Biosynthesis in Hairy Root Cultures of <i>Salvia miltiorrhiza</i> . <i>ACS Chemical Biology</i> , 2013, 8, 1537-1548.	1.6	116
22	MTR1 Encodes a Secretory Fasciclin Glycoprotein Required for Male Reproductive Development in Rice. <i>Developmental Cell</i> , 2012, 22, 1127-1137.	3.1	109
23	<i>RICE MORPHOLOGY DETERMINANT</i> Encodes the Type II Formin FH5 and Regulates Rice Morphogenesis. <i>Plant Cell</i> , 2011, 23, 681-700.	3.1	101
24	<i>Defective Pollen Wall</i> Is Required for Anther and Microspore Development in Rice and Encodes a Fatty Acyl Carrier Protein Reductase. <i>Plant Cell</i> , 2011, 23, 2225-2246.	3.1	226
25	The Post-meiotic Deficient Anther1 (PDA1) gene is required for post-meiotic anther development in rice. <i>Journal of Genetics and Genomics</i> , 2010, 37, 37-46.	1.7	22
26	The FLORAL ORGAN NUMBER4 Gene Encoding a Putative Ortholog of <i>Arabidopsis</i> CLAVATA3 Regulates Apical Meristem Size in Rice. <i>Plant Physiology</i> , 2006, 142, 1039-1052.	2.3	198