

Juan Guo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

603
citations

10
h-index

24
g-index

34
ext. papers

885
ext. citations

6
avg, IF

3.31
L-index

#	Paper	IF	Citations
27	CYP76AH1 catalyzes turnover of miltiradiene in tanshinones biosynthesis and enables heterologous production of ferruginol in yeasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12108-13	11.5	238
26	Cytochrome P450 promiscuity leads to a bifurcating biosynthetic pathway for tanshinones. <i>New Phytologist</i> , 2016 , 210, 525-34	9.8	107
25	The Biosynthetic Pathways of Tanshinones and Phenolic Acids in <i>Salvia miltiorrhiza</i> . <i>Molecules</i> , 2015 , 20, 16235-54	4.8	60
24	RNA interference targeting CYP76AH1 in hairy roots of <i>Salvia miltiorrhiza</i> reveals its key role in the biosynthetic pathway of tanshinones. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 477, 155-60	3.4	34
23	Functional Diversification of Kaurene Synthase-Like Genes in. <i>Plant Physiology</i> , 2017 , 174, 943-955	6.6	23
22	Expansion within the CYP71D subfamily drives the heterocyclization of tanshinones synthesis in <i>Salvia miltiorrhiza</i> . <i>Nature Communications</i> , 2021 , 12, 685	17.4	23
21	Crystal structure of CYP76AH1 in 4-PI-bound state from <i>Salvia miltiorrhiza</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 813-819	3.4	17
20	Metabolome and transcriptome analyses reveal quality change in the orange-rooted (Danshen) from cultivated field. <i>Chinese Medicine</i> , 2019 , 14, 42	4.7	13
19	Glucosyltransferase Capable of Catalyzing the Last Step in Neoandrographolide Biosynthesis. <i>Organic Letters</i> , 2018 , 20, 5999-6002	6.2	12
18	Functional Integration of Two CYP450 Genes Involved in Biosynthesis of Tanshinones for Improved Diterpenoid Production by Synthetic Biology. <i>ACS Synthetic Biology</i> , 2020 , 9, 1763-1770	5.7	11
17	Transcriptomic Insight into Terpenoid Biosynthesis and Functional Characterization of Three Diterpene Synthases in. <i>Molecules</i> , 2018 , 23,	4.8	9
16	Yeast synthetic biology for high-value metabolites. <i>FEMS Yeast Research</i> , 2015 , 15, 1-11	3.1	8
15	Functional Analysis of the Isopentenyl Diphosphate Isomerase of <i>Salvia miltiorrhiza</i> via Color Complementation and RNA Interference. <i>Molecules</i> , 2015 , 20, 20206-18	4.8	7
14	A 2-oxoglutarate dependent dioxygenase converts dihydrofuran to furan in <i>Salvia</i> diterpenoids. <i>Plant Physiology</i> , 2021 ,	6.6	5
13	Molecular cloning and functional identification of a high-efficiency (+)-borneol dehydrogenase from <i>Cinnamomum camphora</i> (L.) Presl. <i>Plant Physiology and Biochemistry</i> , 2021 , 158, 363-371	5.4	5
12	Bornyl Diphosphate Synthase From and Its Application for (+)-Borneol Biosynthesis in Yeast. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 631863	5.8	5
11	Characterization of O-methyltransferases involved in the biosynthesis of tetrandrine in <i>Stephania tetrandra</i> . <i>Journal of Plant Physiology</i> , 2020 , 250, 153181	3.6	4

10	An integrated strategy to identify genes responsible for sesquiterpene biosynthesis in turmeric. <i>Plant Molecular Biology</i> , 2019 , 101, 221-234	4.6	3
9	An alternative splicing alters the product outcome of a class I terpene synthase in <i>Isodon rubescens</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019 , 512, 310-313	3.4	3
8	Functional identification of the terpene synthase family involved in diterpenoid alkaloids biosynthesis in. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 3310-3321	15.5	2
7	Recent progress and new perspectives for diterpenoid biosynthesis in medicinal plants. <i>Medicinal Research Reviews</i> , 2021 , 41, 2971-2997	14.4	2
6	Elucidation of the essential oil biosynthetic pathways in <i>Cinnamomum burmannii</i> through identification of six terpene synthases.. <i>Plant Science</i> , 2022 , 317, 111203	5.3	1
5	Functional characterization of (S)-N-methylcoclaurine 3hydroxylase (NMCH) involved in the biosynthesis of benzylisoquinoline alkaloids in <i>Corydalis yanhusuo</i> . <i>Plant Physiology and Biochemistry</i> , 2021 , 168, 507-515	5.4	1
4	Biosynthetic Pathway of Tanshinones in <i>Salvia miltiorrhiza</i> . <i>Compendium of Plant Genomes</i> , 2019 , 129-130.8	10.8	1
3	The ERF-VII transcription factor SmERF73 coordinately regulates tanshinone biosynthesis in response to stress elicitors in <i>Salvia miltiorrhiza</i> . <i>New Phytologist</i> , 2021 , 231, 1940-1955	9.8	1
2	Identification of (-)-bornyl diphosphate synthase from and its application for (-)-borneol biosynthesis in .. <i>Synthetic and Systems Biotechnology</i> , 2022 , 7, 490-497	4.2	0
1	Integrated Transcriptomics and Proteomics to Reveal Regulation Mechanism and Evolution of on Tanshinone Biosynthesis in and .. <i>Frontiers in Plant Science</i> , 2021 , 12, 820582	6.2	0