

Lichan Tu

List of Publications by Year in Descending Order

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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.

12
papers

166
citations

8
h-index

12
g-index

15
ext. papers

297
ext. citations

7.8
avg, IF

2.63
L-index

#	Paper	IF	Citations
12	A cytochrome P450 CYP81AM1 from <i>Tripterygium wilfordii</i> catalyses the C-15 hydroxylation of dehydroabietic acid. <i>Planta</i> , 2021 , 254, 95	4.7	0
11	The chromosome-level reference genome assembly for and insights into ginsenoside biosynthesis. <i>Plant Communications</i> , 2021 , 2, 100113	9	20
10	Functional characterization and substrate promiscuity of sesquiterpene synthases from <i>Tripterygium wilfordii</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 185, 949-958	7.9	0
9	Cytochrome P450 catalyses the 29-carboxyl group formation of celastrol. <i>Phytochemistry</i> , 2021 , 190, 112868	4	3
8	Genome of <i>Tripterygium wilfordii</i> and identification of cytochrome P450 involved in triptolide biosynthesis. <i>Nature Communications</i> , 2020 , 11, 971	17.4	43
7	Engineering chimeric diterpene synthases and isoprenoid biosynthetic pathways enables high-level production of miltiradiene in yeast. <i>Metabolic Engineering</i> , 2020 , 60, 87-96	9.7	30
6	Identification and functional characterization of squalene epoxidases and oxidosqualene cyclases from <i>Tripterygium wilfordii</i> . <i>Plant Cell Reports</i> , 2020 , 39, 409-418	5.1	9
5	Analysis of the role of geranylgeranyl diphosphate synthase 8 from <i>Tripterygium wilfordii</i> in diterpenoids biosynthesis. <i>Plant Science</i> , 2019 , 285, 184-192	5.3	8
4	Friedelane-type triterpene cyclase in celastrol biosynthesis from <i>Tripterygium wilfordii</i> and its application for triterpenes biosynthesis in yeast. <i>New Phytologist</i> , 2019 , 223, 722-735	9.8	28
3	A novel strategy to enhance terpenoids production using cambial meristematic cells of <i>Hook. f.</i> <i>Plant Methods</i> , 2019 , 15, 129	5.8	10
2	Probing the function of protein farnesyltransferase in <i>Tripterygium wilfordii</i> . <i>Plant Cell Reports</i> , 2019 , 38, 211-220	5.1	
1	Probing the Single Key Amino Acid Responsible for the Novel Catalytic Function of -Kaurene Oxidase Supported by NADPH-Cytochrome P450 Reductases in. <i>Frontiers in Plant Science</i> , 2017 , 8, 1756	6.2	14