Lichan Tu

List of Publications by Citations

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