

Yifeng Zhang

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.

22

papers

283

citations

10

h-index

16

g-index

28

ext. papers

471

ext. citations

7

avg, IF

3.16

L-index

#	Paper	IF	Citations
22	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
21	Identification and functional characterization of diterpene synthases for triptolide biosynthesis from <i>Tripterygium wilfordii</i> . <i>Plant Journal</i> , 2018 , 93, 50-65	6.9	36
20	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
19	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
18	The chromosome-level reference genome assembly for and insights into ginsenoside biosynthesis. <i>Plant Communications</i> , 2021 , 2, 100113	9	20
17	Genetic Transformation System for Woody Plant and Its Application to Product Natural Celastrol. <i>Frontiers in Plant Science</i> , 2017 , 8, 2221	6.2	16
16	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
15	Overexpression and RNA interference of TwDXR regulate the accumulation of terpenoid active ingredients in <i>Tripterygium wilfordii</i> . <i>Biotechnology Letters</i> , 2018 , 40, 419-425	3	12
14	Functional characterization of squalene epoxidase genes in the medicinal plant <i>Tripterygium wilfordii</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 203-212	7.9	12
13	Functional characterization of NES and GES responsible for the biosynthesis of (E)-nerolidol and (E,E)-geranylinalool in <i>Tripterygium wilfordii</i> . <i>Scientific Reports</i> , 2017 , 7, 40851	4.9	11
12	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
11	Molecular cloning and functional identification of sterol C24-methyltransferase gene from. <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 603-609	15.5	9
10	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
9	The expression of TwDXS in the MEP pathway specifically affects the accumulation of triptolide. <i>Physiologia Plantarum</i> , 2020 , 169, 40-48	4.6	8
8	Triptolide: pharmacological spectrum, biosynthesis, chemical synthesis and derivatives. <i>Theranostics</i> , 2021 , 11, 7199-7221	12.1	8
7	The gibberellin 13-oxidase that specifically converts gibberellin A to A in <i>Tripterygium wilfordii</i> is a 2-oxoglutarate-dependent dioxygenase. <i>Planta</i> , 2019 , 250, 1613-1620	4.7	7
6	Overexpression and RNAi-mediated downregulation of TwIDI regulates triptolide and celastrol accumulation in <i>Tripterygium wilfordii</i> . <i>Gene</i> , 2018 , 679, 195-201	3.8	7

- 5 Cytochrome P450 catalyses the 29-carboxyl group formation of celastrol. *Phytochemistry*, **2021**, 190, 112868 4 3
- 4 Investigating the Catalytic Activity of Glycosyltransferase on Quercetin from. *ACS Omega*, **2020**, 5, 1414-1421 3 0
- 3 A cytochrome P450 CYP81AM1 from *Tripterygium wilfordii* catalyses the C-15 hydroxylation of dehydroabietic acid. *Planta*, **2021**, 254, 95 4-7 0
- 2 Cytochrome P450s in plant terpenoid biosynthesis: discovery, characterization and metabolic engineering. *Critical Reviews in Biotechnology*, **2021**, 1-21 9-4 0
- 1 Probing the function of protein farnesyltransferase in *Tripterygium wilfordii*. *Plant Cell Reports*, **2019**, 38, 211-220 5-1