

Xiaoyi Wu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

203
citations

1306789

7
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering chimeric diterpene synthases and isoprenoid biosynthetic pathways enables high-level production of miltiradiene in yeast. <i>Metabolic Engineering</i> , 2020, 60, 87-96.	3.6	72
2	The chromosome-level reference genome assembly for <i>Panax notoginseng</i> and insights into ginsenoside biosynthesis. <i>Plant Communications</i> , 2021, 2, 100113.	3.6	54
3	Extraction, Structures, Bioactivities and Structure-Function Analysis of the Polysaccharides From Safflower (<i>Carthamus tinctorius</i> L.). <i>Frontiers in Pharmacology</i> , 2021, 12, 767947.	1.6	14
4	Molecular cloning and functional identification of sterol C24-methyltransferase gene from <i>Tripterygium wilfordii</i> . <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 603-609.	5.7	11
5	The gibberellin 13-oxidase that specifically converts gibberellin A9 to A20 in <i>Tripterygium wilfordii</i> is a 2-oxoglutarate-dependent dioxygenase. <i>Planta</i> , 2019, 250, 1613-1620.	1.6	11
6	Probing the functions of friedelane-type triterpene cyclases from four celastrol-producing plants. <i>Plant Journal</i> , 2022, 109, 555-567.	2.8	10
7	A specific UDP-glucosyltransferase catalyzes the formation of triptophenolide glucoside from <i>Tripterygium wilfordii</i> Hook. f.. <i>Phytochemistry</i> , 2019, 166, 112062.	1.4	9
8	Cytochrome P450 catalyses the 29-carboxyl group formation of celastrol. <i>Phytochemistry</i> , 2021, 190, 112868.	1.4	8
9	Grey Relational Analysis Combined With Network Pharmacology to Identify Antioxidant Components and Uncover Its Mechanism From Moutan Cortex. <i>Frontiers in Pharmacology</i> , 2021, 12, 748501.	1.6	7
10	Mechanistic analysis for the origin of diverse diterpenes in <i>Tripterygium wilfordii</i> . <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2923-2933.	5.7	4
11	Correlation analysis of physicochemical properties with anti-inflammatory activity of <i>Andrographis paniculata</i> (Burm.f.) Nees based on HPLC-DAD, colorimeter and multivariate statistics: A comprehensive quality evaluation strategy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114565.	1.4	2
12	Network Pharmacology-Based Study on the Molecular Biological Mechanism of Action for Qingdu Decoction against Chronic Liver Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 1-12.	0.5	0