Thu-Thuy T Dang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5486979/publications.pdf

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		759233	940533
18	891	12	16
papers	citations	h-index	g-index

19	19	19	917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemoenzymatic synthesis of natural products using plant biocatalysts. Current Opinion in Green and Sustainable Chemistry, 2022, 35, 100627.	5.9	4
2	Old path, new frontier. Nature Chemical Biology, 2022, 18, 582-583.	8.0	0
3	Cytochrome P450 Enzymes as Key Drivers of Alkaloid Chemical Diversification in Plants. Frontiers in Plant Science, 2021, 12, 682181.	3.6	29
4	Demystifying the momilactone pathway. Nature Chemical Biology, 2021, 17, 126-128.	8.0	4
5	Editorial: Exploring and Engineering Plant Specialized Metabolism: Latest Advances and New Horizons. Frontiers in Plant Science, 2021, 12, 783465.	3.6	0
6	Discovering and harnessing oxidative enzymes for chemoenzymatic synthesis and diversification of anticancer camptothecin analogues. Communications Chemistry, 2021, 4, .	4.5	14
7	Quantitation of Select Terpenes/Terpenoids and Nicotine Using Gas Chromatographyâ€“Mass Spectrometry with High-Temperature Headspace Sampling. ACS Omega, 2020, 5, 5565-5573.	3.5	17
8	Missing enzymes in the biosynthesis of the anticancer drug vinblastine in Madagascar periwinkle. Science, 2018, 360, 1235-1239.	12.6	279
9	Sarpagan bridge enzyme has substrate-controlled cyclization and aromatization modes. Nature Chemical Biology, 2018, 14, 760-763.	8.0	50
10	A three enzyme system to generate the Strychnos alkaloid scaffold from a central biosynthetic intermediate. Nature Communications, 2017, 8, 316.	12.8	117
11	Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in Rauwolfia serpentina. Angewandte Chemie, 2017, 129, 9568-9572.	2.0	7
12	Dual Catalytic Activity of a Cytochrome P450 Controls Bifurcation at a Metabolic Branch Point of Alkaloid Biosynthesis in Rauwolfia serpentina. Angewandte Chemie - International Edition, 2017, 56, 9440-9444.	13.8	33
13	Noscapine comes of age. Phytochemistry, 2015, 111, 7-13.	2.9	68
14	Acetylation serves as a protective group in noscapine biosynthesis in opium poppy. Nature Chemical Biology, 2015, 11, 104-106.	8.0	68
15	Cloning and characterization of canadine synthase involved in noscapine biosynthesis in opium poppy. FEBS Letters, 2014, 588, 198-204.	2.8	32
16	CYP82Y1 Is N-Methylcanadine 1-Hydroxylase, a Key Noscapine Biosynthetic Enzyme in Opium Poppy. Journal of Biological Chemistry, 2014, 289, 2013-2026.	3.4	44
17	Characterization of Three O-Methyltransferases Involved in Noscapine Biosynthesis in Opium Poppy Â. Plant Physiology, 2012, 159, 618-631.	4.8	85
18	Biochemical Genomics for Gene Discovery in Benzylisoquinoline Alkaloid Biosynthesis in Opium Poppy and Related Species. Methods in Enzymology, 2012, 515, 231-266.	1.0	38