

Thu-Thuy T Dang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

891
citations

759233

12
h-index

940533

16
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19
all docs

19
docs citations

19
times ranked

917
citing authors

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