Fang Yu

List of Publications by Year
in descending order

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20	998	686830 13	752256 20
papers	citations	h-index	g-index

20	20	20	1311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mining the Biodiversity of Plants: A Revolution in the Making. Science, 2012, 336, 1658-1661.	6.0	278
2	ATP-binding cassette transporter controls leaf surface secretion of anticancer drug components in Catharanthus roseus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15830-15835.	3.3	143
3	Making iridoids/secoiridoids and monoterpenoid indole alkaloids: progress on pathway elucidation. Current Opinion in Plant Biology, 2014, 19, 35-42.	3.5	114
4	Virusâ€induced gene silencing identifies <scp>C</scp>atharanthus roseus 7â€deoxyloganic acidâ€7â€hydroxylase, a step in iridoid and monoterpene indole alkaloid biosynthesis. Plant Journal, 2013, 76, 754-765.	2.8	100
5	7-Deoxyloganetic acid synthase catalyzes a key 3 step oxidation to form 7-deoxyloganetic acid in Catharanthus roseus iridoid biosynthesis. Phytochemistry, 2014, 101, 23-31.	1.4	83
6	Antimicrobial activity of saponins produced by two novel endophytic fungi from Panax notoginseng. Natural Product Research, 2017, 31, 2700-2703.	1.0	57
7	Citral-loaded chitosan/carboxymethyl cellulose copolymer hydrogel microspheres with improved antimicrobial effects for plant protection. International Journal of Biological Macromolecules, 2020, 164, 986-993.	3.6	49
8	Discovery and Functional Analysis of Monoterpenoid Indole Alkaloid Pathways in Plants. Methods in Enzymology, 2012, 515, 207-229.	0.4	34
9	Transcriptomics comparison reveals the diversity of ethylene and methyl-jasmonate in roles of TIA metabolism in Catharanthus roseus. BMC Genomics, 2018, 19, 508.	1.2	27
10	The ATP binding cassette transporter, VmTPT2/VmABCG1, is involved in export of the monoterpenoid indole alkaloid, vincamine in Vinca minor leaves. Phytochemistry, 2017, 140, 118-124.	1.4	25
11	A bZIP transcription factor, CaLMF, mediated light-regulated camptothecin biosynthesis in Camptotheca acuminata. Tree Physiology, 2019, 39, 372-380.	1.4	17
12	Two classes of cytochrome P450 reductase genes and their divergent functions in Camptotheca acuminata Decne. International Journal of Biological Macromolecules, 2019, 138, 1098-1108.	3.6	16
13	Application of virus-induced gene silencing approach in Camptotheca acuminata. Plant Cell, Tissue and Organ Culture, 2016, 126, 533-540.	1.2	13
14	Microwave-Assisted Extraction of Multiple Trace Levels of Intermediate Metabolites for Camptothecin Biosynthesis in Camptotheca acuminata and Their Simultaneous Determination by HPLC-LTQ-Orbitrap-MS/MS and HPLC-TSQ-MS. Molecules, 2019, 24, 815.	1.7	10
15	Application of transport engineering to promote catharanthine production in Catharanthus roseus hairy roots. Plant Cell, Tissue and Organ Culture, 2019, 139, 523-530.	1.2	8
16	Effects of exogenous salicylic acid on accumulation of camptothecin and gene expression inCamptotheca acuminata. Canadian Journal of Forest Research, 2019, 49, 104-110.	0.8	8
17	Transport of Monoterpenoid Indole Alkaloids in Catharanthus roseus. Signaling and Communication in Plants, 2014, , 63-75.	0.5	5
18	The sensing mechanism of fluorescent probe for PhSH and the process of ESIPT. Photochemical and Photobiological Sciences, 2022, , 1.	1.6	5

#	Article	IF	Citations
19	Potent and selective inhibition of matrix metalloproteinases by lanthanide trichloride. RSC Advances, 2018, 8, 14347-14354.	1.7	3
20	Identification of a novel phospholipase D gene and effects of carbon sources on its expression in Bacillus cereus ZY12. Journal of Microbiology, 2018, 56, 264-271.	1.3	3