Fang Yu

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.

20 papers	697 citations	10 h-index	20 g-index
20 ext. papers	866 ext. citations	5.9 avg, IF	4.11 L-index

#	Paper	IF	Citations
20	Mining the biodiversity of plants: a revolution in the making. *Science*, **2012**, 336, 1658-61	33.3	216
19	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, 15830-5	11.5	107
18	Making iridoids/secoiridoids and monoterpenoid indole alkaloids: progress on pathway elucidation. *Current Opinion in Plant Biology*, **2014**, 19, 35-42	9.9	78
17	Virus-induced gene silencing identifies Catharanthus roseus 7-deoxyloganic acid-7-hydroxylase, a step in iridoid and monoterpene indole alkaloid biosynthesis. *Plant Journal*, **2013**, 76, 754-65	6.9	76
16	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	4	66
15	Antimicrobial activity of saponins produced by two novel endophytic fungi from Panax notoginseng. *Natural Product Research*, **2017**, 31, 2700-2703	2.3	44
14	Discovery and functional analysis of monoterpenoid indole alkaloid pathways in plants. *Methods in Enzymology*, **2012**, 515, 207-29	1.7	24
13	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	4	19
12	Citral-loaded chitosan/carboxymethyl cellulose copolymer hydrogel microspheres with improved antimicrobial effects for plant protection. *International Journal of Biological Macromolecules*, **2020**, 164, 986-993	7.9	16
11	Transcriptomics comparison reveals the diversity of ethylene and methyl-jasmonate in roles of TIA metabolism in Catharanthus roseus. *BMC Genomics*, **2018**, 19, 508	4.5	10
10	A bZIP transcription factor, CaLMF, mediated light-regulated camptothecin biosynthesis in Camptotheca acuminata. *Tree Physiology*, **2019**, 39, 372-380	4.2	9
9	Application of virus-induced gene silencing approach in Camptotheca acuminata. *Plant Cell, Tissue and Organ Culture*, **2016**, 126, 533-540	2.7	8
8	Two classes of cytochrome P450 reductase genes and their divergent functions in Camptotheca acuminata Decne. *International Journal of Biological Macromolecules*, **2019**, 138, 1098-1108	7.9	6
7	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,	4.8	5
6	Effects of exogenous salicylic acid on accumulation of camptothecin and gene expression in Camptotheca acuminata. *Canadian Journal of Forest Research*, **2019**, 49, 104-110	1.9	5
5	Application of transport engineering to promote catharanthine production in Catharanthus roseus hairy roots. *Plant Cell, Tissue and Organ Culture*, **2019**, 139, 523-530	2.7	4
4	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	3	2

List of Publications

3	Transport of Monoterpenoid Indole Alkaloids in Catharanthus roseus. *Signaling and Communication in Plants*, **2014**, 63-75	1	1
2	The sensing mechanism of fluorescent probe for PhSH and the process of ESIPT.. *Photochemical and Photobiological Sciences*, **2022**, 1	4.2	1
1	Potent and selective inhibition of matrix metalloproteinases by lanthanide trichloride.. *RSC Advances*, **2018**, 8, 14347-14354	3.7	0