

Fangyuan Zhang

List of Publications by Year in descending order

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papers

1,597
citations

430874

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h-index

454955

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docs citations

31
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular insights into AabZIP1-mediated regulation on artemisinin biosynthesis and drought tolerance in <i>Artemisia annua</i> . <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1500-1513.	12.0	17
2	Engineering Nootkatone Biosynthesis in <i>Artemisia annua</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 957-963.	3.8	9
3	High-Level Patchoulol Biosynthesis in <i>Artemisia annua</i> L. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 621127.	4.1	3
4	Effect of Thermal Processing on Carotenoids and Folate Changes in Six Varieties of Sweet Potato (<i>Ipomoea batata</i> L.). <i>Foods</i> , 2019, 8, 215.	4.3	18
5	The cold-induced transcription factor bHLH112 promotes artemisinin biosynthesis indirectly via ERF1 in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 4835-4848.	4.8	47
6	Metabolic Characterization of <i>Hyoscyamus niger</i> Ornithine Decarboxylase. <i>Frontiers in Plant Science</i> , 2019, 10, 229.	3.6	10
7	Interaction of bZIP transcription factor TGA6 with salicylic acid signaling modulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 3969-3979.	4.8	46
8	AaPP2C1 negatively regulates the expression of genes involved in artemisinin biosynthesis through dephosphorylating AaAPK1. <i>FEBS Letters</i> , 2019, 593, 743-750.	2.8	5
9	Effect of Steaming Processing on Phenolic Profiles and Cellular Antioxidant Activities of <i>Castanea mollissima</i> . <i>Molecules</i> , 2019, 24, 703.	3.8	16
10	The Genome of <i>Artemisia annua</i> Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis. <i>Molecular Plant</i> , 2018, 11, 776-788.	8.3	205
11	Comparison of two hyoscyamine 6 β -hydroxylases in engineering scopolamine biosynthesis in root cultures of <i>Scopolia lurida</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 25-31.	2.1	27
12	ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. <i>Journal of Experimental Botany</i> , 2018, 69, 1109-1123.	4.8	40
13	The <i>Artemisia annua</i> FLOWERING LOCUS T Homolog 2, AaFT2, is a key regulator of flowering time. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 197-205.	5.8	5
14	Metabolic characterization of <i>Hyoscyamus niger</i> root-specific putrescine N-methyltransferase. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 47-54.	5.8	17
15	Molecular Characterization of the 1-Deoxy-D-Xylulose 5-Phosphate Synthase Gene Family in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 952.	3.6	27
16	Molecular cloning and characterization of the promoter of aldehyde dehydrogenase gene from <i>Artemisia annua</i> . <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 902-910.	3.1	5
17	Overexpression of a Novel NAC Domain-Containing Transcription Factor Gene (<i>AaNAC1</i>) Enhances the Content of Artemisinin and Increases Tolerance to Drought and <i>Botrytis cinerea</i> in <i>Artemisia annua</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 1961-1971.	3.1	95
18	Genome-wide inference of protein interaction network and its application to the study of crosstalk in <i>Arabidopsis</i> abscisic acid signaling. <i>Plant Physiology</i> , 2016, 171, pp.00057.2016.	4.8	27

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19	The jasmonate-responsive AaMYC2 transcription factor positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2016, 210, 1269-1281.	7.3	230
20	Branch Pathway Blocking in <i>Artemisia annua</i> is a Useful Method for Obtaining High Yield Artemisinin. <i>Plant and Cell Physiology</i> , 2016, 57, 588-602.	3.1	70
21	A Basic Leucine Zipper Transcription Factor, AabZIP1, Connects Abscisic Acid Signaling with Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Molecular Plant</i> , 2015, 8, 163-175.	8.3	198
22	Overexpression of Allene Oxide Cyclase Improves the Biosynthesis of Artemisinin in <i>Artemisia annua</i> L.. <i>PLoS ONE</i> , 2014, 9, e91741.	2.5	27
23	Type 2C Phosphatase 1 of <i>Artemisia annua</i> L. Is a Negative Regulator of ABA Signaling. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	14
24	Molecular Cloning and Characterization of a Trichome-Specific Promoter of Artemisinic Aldehyde 11(13) Reductase (DBR2) in <i>Artemisia annua</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 82-91.	1.8	35
25	Characterization of the Promoter of <i>Artemisia annua</i> Amorpha-4,11-diene Synthase (ADS) Gene Using Homologous and Heterologous Expression as well as Deletion Analysis. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 406-418.	1.8	20
26	The stacked over-expression of FPS, CYP71AV1 and CPR genes leads to the increase of artemisinin level in <i>Artemisia annua</i> L.. <i>Plant Biotechnology Reports</i> , 2013, 7, 287-295.	1.5	34
27	AaORA2, a trichome-specific AP2/ERF transcription factor of <i>Artemisia annua</i> , is a positive regulator in the artemisinin biosynthetic pathway and in disease resistance to <i>Botrytis cinerea</i> . <i>New Phytologist</i> , 2013, 198, 1191-1202.	7.3	255
28	Overexpression of the <i>Artemisia</i> Orthologue of ABA Receptor, AaPYL9, Enhances ABA Sensitivity and Improves Artemisinin Content in <i>Artemisia annua</i> L. <i>PLoS ONE</i> , 2013, 8, e56697.	2.5	61
29	Identification of Putative <i>Artemisia annua</i> ABCG Transporter Unigenes Related to Artemisinin Yield Following Expression Analysis in Different Plant Tissues and in Response to Methyl Jasmonate and Abscisic Acid Treatments. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 838-847.	1.8	20
30	Characterization of the Jasmonate Biosynthetic Gene Allene Oxide Cyclase in <i>Artemisia annua</i> L., Source of the Antimalarial Drug Artemisinin. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 489-497.	1.8	14