

Rao Fu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

739
citations

567281

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580821

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all docs

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docs citations

25
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroTom Metabolic Network: Rewiring Tomato Metabolic Regulatory Network throughout the Growth Cycle. <i>Molecular Plant</i> , 2020, 13, 1203-1218.	8.3	107
2	A chromosome-level <i>Camptotheca acuminata</i> genome assembly provides insights into the evolutionary origin of camptothecin biosynthesis. <i>Nature Communications</i> , 2021, 12, 3531.	12.8	66
3	Determination of phenolic contents and antioxidant activities of extracts of <i>Jatropha curcas</i> L. seed shell, a by-product, a new source of natural antioxidant. <i>Industrial Crops and Products</i> , 2014, 58, 265-270.	5.2	55
4	SIWRKY35 positively regulates carotenoid biosynthesis by activating the MEP pathway in tomato fruit. <i>New Phytologist</i> , 2022, 234, 164-178.	7.3	52
5	Trichome regulator SIMIXTA-like directly manipulates primary metabolism in tomato fruit. <i>Plant Biotechnology Journal</i> , 2020, 18, 354-363.	8.3	50
6	Next-Generation Plant Metabolic Engineering, Inspired by an Ancient Chinese Irrigation System. <i>Molecular Plant</i> , 2018, 11, 47-57.	8.3	46
7	Antioxidant and anti-inflammatory activities of the phenolic extracts of <i>Sapium sebiferum</i> (L.) Roxb. leaves. <i>Journal of Ethnopharmacology</i> , 2013, 147, 517-524.	4.1	45
8	Versatility in acyltransferase activity completes chicoric acid biosynthesis in purple coneflower. <i>Nature Communications</i> , 2021, 12, 1563.	12.8	45
9	The Yin and Yang of traditional Chinese and Western medicine. <i>Medicinal Research Reviews</i> , 2021, 41, 3182-3200.	10.5	37
10	Antioxidant and tyrosinase inhibition activities of the ethanol-insoluble fraction of water extract of <i>Sapium sebiferum</i> (L.) Roxb. leaves. <i>South African Journal of Botany</i> , 2014, 93, 98-104.	2.5	30
11	Like Heterochromatin Protein 1b represses fruit ripening via regulating the H3K27me3 levels in ripening-related genes in tomato. <i>New Phytologist</i> , 2020, 227, 485-497.	7.3	27
12	Phenolic composition and effects on allergic contact dermatitis of phenolic extracts <i>Sapium sebiferum</i> (L.) Roxb. leaves. <i>Journal of Ethnopharmacology</i> , 2015, 162, 176-180.	4.1	26
13	Antioxidant and Hepatoprotective Activity of <i>Veronica ciliata</i> Fisch. Extracts Against Carbon Tetrachloride-Induced Liver Injury in Mice. <i>Molecules</i> , 2014, 19, 7223-7236.	3.8	25
14	Hepatoprotection using <i>Brassica rapa</i> var. <i>rapa</i> L. seeds and its bioactive compound, sinapine thiocyanate, for CCl4-induced liver injury. <i>Journal of Functional Foods</i> , 2016, 22, 73-81.	3.4	24
15	Genome-wide characterization of 2-oxoglutarate and Fe(II)-dependent dioxygenase family genes in tomato during growth cycle and their roles in metabolism. <i>BMC Genomics</i> , 2021, 22, 126.	2.8	22
16	Digital gene expression analysis of the pathogenesis and therapeutic mechanisms of ligustrazine and puerarin in rat atherosclerosis. <i>Gene</i> , 2014, 552, 75-80.	2.2	21
17	Chemical composition, antioxidant and antimicrobial activity of Chinese tallow tree leaves. <i>Industrial Crops and Products</i> , 2015, 76, 374-377.	5.2	15
18	Diversity of antioxidant ingredients among <i>Echinacea</i> species. <i>Industrial Crops and Products</i> , 2021, 170, 113699.	5.2	9

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19	Antioxidant activity of flavonoids from leaves of <i>Jatropha curcas</i> . <i>ScienceAsia</i> , 2014, 40, 193.	0.5	9
20	The unexpected flavone synthase-like activity of polyphenol oxidase in tomato. <i>Food Chemistry</i> , 2022, 377, 131958.	8.2	9
21	Anti-inflammatory mechanism and active ingredients of the Chinese tallow tree. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112497.	4.1	8
22	Chicoric acid provides better ultraviolet protection than the sum of its substrates in purple coneflower plants. <i>Industrial Crops and Products</i> , 2021, 170, 113778.	5.2	5
23	Substrate promiscuity of acyltransferases contributes to the diversity of hydroxycinnamic acid derivatives in purple coneflower. <i>Plant Journal</i> , 2022, 110, 802-813.	5.7	4
24	Chicoric acid biosynthesis during seed germination provides purple coneflower with better allelochemical. <i>Industrial Crops and Products</i> , 2022, 177, 114572.	5.2	1