

Dachuan Gu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

446
citations

840776

11
h-index

1058476

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all docs

14
docs citations

14
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	The histone H3K27 demethylase SLMJ4 promotes dark- and ABA-induced leaf senescence in tomato. Horticulture Research, 2022, 9, .	6.3	9
2	Epigenetic Regulation of the Phytohormone Abscisic Acid Accumulation under Dehydration Stress during Postharvest Processing of Tea (<i>Camellia sinensis</i>). Journal of Agricultural and Food Chemistry, 2021, 69, 1039-1048.	5.2	16
3	Transformation of Salicylic Acid and Its Distribution in Tea Plants (<i>Camellia sinensis</i>) at the Tissue and Subcellular Levels. Plants, 2021, 10, 282.	3.5	6
4	Involvement of DNA methylation in regulating the accumulation of the aroma compound indole in tea (<i>Camellia sinensis</i>) leaves during postharvest processing. Food Research International, 2021, 142, 110183.	6.2	32
5	Mechanism Underlying the Shading-Induced Chlorophyll Accumulation in Tea Leaves. Frontiers in Plant Science, 2021, 12, 779819.	3.6	27
6	Feasible strategies for studying the involvement of DNA methylation and histone acetylation in the stress-induced formation of quality-related metabolites in tea (<i>Camellia sinensis</i>). Horticulture Research, 2021, 8, 253.	6.3	14
7	SWI3B and HDA6 interact and are required for transposon silencing in <i>Arabidopsis</i> . Plant Journal, 2020, 102, 809-822.	5.7	30
8	Induced biosynthesis of chlorogenic acid in sweetpotato leaves confers the resistance against sweetpotato weevil attack. Journal of Advanced Research, 2020, 24, 513-522.	9.5	21
9	<i>Arabidopsis</i> Histone Methyltransferase SUVH5 Is a Positive Regulator of Light-Mediated Seed Germination. Frontiers in Plant Science, 2019, 10, 841.	3.6	22
10	Elucidation of (<i>Z</i>)-3-Hexenyl- β -glucopyranoside Enhancement Mechanism under Stresses from the Oolong Tea Manufacturing Process. Journal of Agricultural and Food Chemistry, 2019, 67, 6541-6550.	5.2	20
11	HY5 Interacts with the Histone Deacetylase HDA15 to Repress Hypocotyl Cell Elongation in Photomorphogenesis. Plant Physiology, 2019, 180, 1450-1466.	4.8	70
12	Influence of Chloroplast Defects on Formation of Jasmonic Acid and Characteristic Aroma Compounds in Tea (<i>Camellia sinensis</i>) Leaves Exposed to Postharvest Stresses. International Journal of Molecular Sciences, 2019, 20, 1044.	4.1	38
13	Identification of HDA15-PIF1 as a key repression module directing the transcriptional network of seed germination in the dark. Nucleic Acids Research, 2017, 45, 7137-7150.	14.5	89
14	Involvement of rice histone deacetylase HDA705 in seed germination and in response to ABA and abiotic stresses. Biochemical and Biophysical Research Communications, 2016, 470, 439-444.	2.1	52