Dachuan Gu

List of Publications by Year
in descending order

14	446	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	HY5 Interacts with the Histone Deacetylase HDA15 to Repress Hypocotyl Cell Elongation in Photomorphogenesis. Plant Physiology, 2019, 180, 1450-1466.	4.8	70
3	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
4	Influence of Chloroplast Defects on Formation of Jasmonic Acid and Characteristic Aroma Compounds in Tea (Camellia sinensis) Leaves Exposed to Postharvest Stresses. International Journal of Molecular Sciences, 2019, 20, 1044.	4.1	38
5	Involvement of DNA methylation in regulating the accumulation of the aroma compound indole in tea (Camellia sinensis) leaves during postharvest processing. Food Research International, 2021, 142, 110183.	6.2	32
6	SWI3B and HDA6 interact and are required for transposon silencing in Arabidopsis. Plant Journal, 2020, 102, 809-822.	5.7	30
7	Mechanism Underlying the Shading-Induced Chlorophyll Accumulation in Tea Leaves. Frontiers in Plant Science, 2021, 12, 779819.	3.6	27
8	Arabidopsis Histone Methyltransferase SUVH5 Is a Positive Regulator of Light-Mediated Seed Germination. Frontiers in Plant Science, 2019, 10, 841.	3.6	22
9	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
10	Elucidation of (Z)-3-Hexenyl-Î²-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	Epigenetic Regulation of the Phytohormone Abscisic Acid Accumulation under Dehydration Stress during Postharvest Processing of Tea (Camellia sinensis). Journal of Agricultural and Food Chemistry, 2021, 69, 1039-1048.	5.2	16
12	Feasible strategies for studying the involvement of DNA methylation and histone acetylation in the stress-induced formation of quality-related metabolites in tea (Camellia sinensis). Horticulture Research, 2021, 8, 253.	6.3	14
13	The histone H3K27 demethylase SlJMJ4 promotes dark- and ABA-induced leaf senescence in tomato. Horticulture Research, 2022, 9, .	6.3	9
14	Transformation of Salicylic Acid and Its Distribution in Tea Plants (Camellia sinensis) at the Tissue and Subcellular Levels. Plants, 2021, 10, 282.	3.5	6