

Muthusamy Muthusamy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

361
citations

949033

11
h-index

939365

18
g-index

19
all docs

19
docs citations

19
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of extraction and quantification of Flavonoids from <i>Averrhoa bilimbi</i> fruits using RP-HPLC and its correlation between total flavonoids content against antimicrobial activity. <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 1293-1300.	1.6	2
2	Genome-wide identification, characterization of expansin gene family of banana and their expression pattern under various stresses. <i>3 Biotech</i> , 2022, 12, 101.	1.1	1
3	Specific audible sound waves improve flavonoid contents and antioxidative properties of sprouts. <i>Scientia Horticulturae</i> , 2021, 276, 109746.	1.7	9
4	Plant RNA Binding Proteins as Critical Modulators in Drought, High Salinity, Heat, and Cold Stress Responses: An Updated Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6731.	1.8	21
5	BrPP5.2 Overexpression Confers Heat Shock Tolerance in Transgenic <i>Brassica rapa</i> through Inherent Chaperone Activity, Induced Glucosinolate Biosynthesis, and Differential Regulation of Abiotic Stress Response Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6437.	1.8	6
6	Blue LED light irradiation enhances L-ascorbic acid content while reducing reactive oxygen species accumulation in Chinese cabbage seedlings. <i>Scientia Horticulturae</i> , 2020, 261, 108924.	1.7	21
7	Sound waves affect the total flavonoid contents in <i>Medicago sativa</i> , <i>Brassica oleracea</i> and <i>Raphanus sativus</i> sprouts. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 431-440.	1.7	16
8	Changes in Beneficial C-glycosylflavones and Policosanol Content in Wheat and Barley Sprouts Subjected to Differential LED Light Conditions. <i>Plants</i> , 2020, 9, 1502.	1.6	8
9	Blue and red light upregulate Î± -expansin 1 (EXPA1) in transgenic <i>Brassica rapa</i> and its overexpression promotes leaf and root growth in <i>Arabidopsis</i> . <i>Plant Growth Regulation</i> , 2020, 91, 75-87.	1.8	9
10	<i>Brassica Rapa</i> SR45a Regulates Drought Tolerance via the Alternative Splicing of Target Genes. <i>Genes</i> , 2020, 11, 182.	1.0	15
11	BrEXLB1, a <i>Brassica rapa</i> Expansin-Like B1 Gene Is Associated with Root Development, Drought Stress Response, and Seed Germination. <i>Genes</i> , 2020, 11, 404.	1.0	35
12	Genome-wide analysis of spatiotemporal gene expression patterns during floral organ development in <i>Brassica rapa</i> . <i>Molecular Genetics and Genomics</i> , 2019, 294, 1403-1420.	1.0	13
13	Elevated carbon dioxide significantly improves ascorbic acid content, antioxidative properties and restricted biomass production in cruciferous vegetable seedlings. <i>Plant Biotechnology Reports</i> , 2019, 13, 293-304.	0.9	6
14	<i>Brassica rapa</i> expansin-like B1 gene (BrEXLB1) regulate growth and development in transgenic <i>Arabidopsis</i> and elicits response to abiotic stresses. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2019, 28, 437-446.	0.9	18
15	Genome-wide identification of novel, long non-coding RNAs responsive to <i>Mycosphaerella eumusae</i> and <i>Pratylenchus coffeae</i> infections and their differential expression patterns in disease-resistant and sensitive banana cultivars. <i>Plant Biotechnology Reports</i> , 2019, 13, 73-83.	0.9	10
16	Differential proteome analysis during early somatic embryogenesis in <i>Musa</i> spp. AAA cv. Grand Naine. <i>Plant Cell Reports</i> , 2017, 36, 163-178.	2.8	52
17	Transcriptomic Changes of Drought-Tolerant and Sensitive Banana Cultivars Exposed to Drought Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 1609.	1.7	65
18	Genome-wide screening for novel, drought stress-responsive long non-coding RNAs in drought-stressed leaf transcriptome of drought-tolerant and -susceptible banana (<i>Musa</i> spp) cultivars using Illumina high-throughput sequencing. <i>Plant Biotechnology Reports</i> , 2015, 9, 279-286.	0.9	39

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19	Computational prediction, identification, and expression profiling of microRNAs in banana (<i>Musa</i> spp.) during soil moisture deficit stress. Journal of Horticultural Science and Biotechnology, 2014, 89, 208-214.	0.9	15