Sathishkumar Ramalingam

List of Publications by Year
in descending order

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28	913	759233 12	526287 27
papers	citations	h-index	g-index

29	29	29	1108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of exogenous polyamines on somatic embryogenesis and regeneration of fresh and long-term cultures of three elite indica rice cultivars. Cereal Research Communications, 2021, 49, 245-253.	1.6	13
2	Effects of cooking on phytochemical and antioxidant properties of pigmented and non-pigmented rare Indian rice landraces. Biocatalysis and Agricultural Biotechnology, 2021, 32, 101928.	3.1	15
3	Enhanced vitamin E content in an Indica rice cultivar harbouring two transgenes from Arabidopsis thaliana involved in tocopherol biosynthesis pathway. Plant Biotechnology Journal, 2021, 19, 1083-1085.	8.3	12
4	Overexpression of Glyoxalase III gene in transgenic sugarcane confers enhanced performance under salinity stress. Journal of Plant Research, 2021, 134, 1083-1094.	2.4	17
5	Metabolic Engineering of Isoflavonoid Biosynthesis by Expressing Glycine max Isoflavone Synthase in Allium cepa L. for Genistein Production. Plants, 2021, 10, 52.	3.5	11
6	Production of Genistein in Amaranthus tricolor var. tristis and Spinacia oleracea by Expression of Glycine max Isoflavone Synthase. Plants, 2021, 10, 2311.	3.5	3
7	Ectopic expression of DJ-1/PfpI domain containing Erianthus arundinaceus Glyoxalase III (EaGly III) enhances drought tolerance in sugarcane. Plant Cell Reports, 2020, 39, 1581-1594.	5.6	20
8	Physicochemical factors modulate regeneration and Agrobacterium-mediated genetic transformation of recalcitrant indica rice cultivars - ASD16 and IR64. Biocatalysis and Agricultural Biotechnology, 2020, 24, 101519.	3.1	7
9	Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2): An Emerging Zoonotic Respiratory Pathogen in Humans. Journal of Pure and Applied Microbiology, 2020, 14, 931-936.	0.9	11
10	Emerging mosquito-borne arboviral infection Zika - An epidemiological review. Asian Pacific Journal of Tropical Biomedicine, 2020, 10, 193.	1.2	3
11	Optimizing culture conditions for high frequency somatic embryogenesis and plantlet conversion in Daucus carota L. Biologia (Poland), 2019, 74, 695-707.	1.5	2
12	Cadmium Stress and Toxicity in Plants: An Overview. , 2019, , 1-17.		31
13	Epidemiology, clinical features and transmission of re-emerging arboviral infection chikungunya. Asian Pacific Journal of Tropical Biomedicine, 2019, 9, 135.	1.2	4
14	Nematicidal potential and specific enzyme activity enhancement potential of neem (Azadirachta indica) Tj ETQq0 0 0 rgBT /Overlock 10	5.3	6
15	Phytonutrients analysis in ten popular traditional Indian rice landraces (Oryza sativa L.). Journal of Food Measurement and Characterization, 2018, 12, 2598-2606.	3.2	7
16	InÂvitro and in planta nematicidal activity of black pepper (Piper nigrum L.) leaf extracts. Crop Protection, 2017, 100, 1-7.	2.1	15
17	Tissue culture and Agrobacterium-mediated genetic transformation studies in four commercially important indica rice cultivars. Journal of Crop Science and Biotechnology, 2017, 20, 175-183.	1.5	11
18	Micropropagation and DNA delivery studies in onion cultivars of Bellary, CO3. Journal of Crop Science and Biotechnology, 2015, 18, 37-43.	1.5	1

#	Article	IF	Citations
19	Evaluation of DNA barcode candidates for the discrimination of the large plant family Apocynaceae. Plant Systematics and Evolution, 2015, 301, 1263-1273.	0.9	16
20	Cadmium Induced Physio-Biochemical and Molecular Response inBrassica Juncea. International Journal of Phytoremediation, 2013, 15, 206-218.	3.1	39
21	DNA barcoding detects contamination and substitution in North American herbal products. BMC Medicine, 2013, 11, 222.	5.5	465
22	Antioxidant capacities of Amaranthus tristis and Alternanthera sessilis: A comparative study. Journal of Medicinal Plants Research, 2013, 7, 2230-2235.	0.4	8
23	Influence of Genotypic Variations on Antioxidant Properties in Different Fractions of Tomato. Journal of Food Science, 2012, 77, C1174-8.	3.1	29
24	Antioxidant potentials of skin, pulp, and seed fractions of commercially important tomato cultivars. Food Science and Biotechnology, 2011, 20, 15-21.	2.6	50
25	Brassica juncea chitinase BjCHI1 inhibits growth of fungal phytopathogens and agglutinates Gram-negative bacteria. Journal of Experimental Botany, 2008, 59, 3475-3484.	4.8	28
26	An agglutinating chitinase with two chitin-binding domains confers fungal protection in transgenic potato. Planta, 2005, 220, 717-730.	3.2	52
27	Functional analyses of the chitin-binding domains and the catalytic domain of Brassica juncea chitinase BjCHI1. Plant Molecular Biology, 2004, 56, 285-298.	3.9	31
28	Growth modulation by nitric oxide donor sodium nitroprusside in in vitro plant tissue cultures â€“ A review. Biologia (Poland), 0, , 1.	1.5	3