Gothandapani Sellamuthu

List of Publications by Year
in descending order

18	592	1163117 8	940533 16
papers	citations	h-index	g-index

18	18	18	875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reduced apoplastic barriers in tissues of shoot-proximal rhizomes of Oryza coarctata are associated with Na+ sequestration. Journal of Experimental Botany, 2022, 73, 998-1015.	4.8	2
2	Diversity of Sodium Transporter HKT1;5 in Genus Oryza. Rice Science, 2022, 29, 31-46.	3.9	3
3	Proto Kranz-like leaf traits and cellular ionic regulation are associated with salinity tolerance in a halophytic wild rice. Stress Biology, 2022, 2, 1.	3.1	4
4	Rifampicin Increases Expression of Plant Codon-Optimized Bacillus thuringiensis Î´-Endotoxin Genes in Escherichia coli. Protein Journal, 2022, , 1.	1.6	3
5	Comparative Analysis of Root Na+ Relation under Salinity between OryzaÂsativa and Oryza coarctata. Plants, 2022, 11, 656.	3.5	7
6	Unravelling the physiological basis of salinity stress tolerance in cultivated and wild rice species. Functional Plant Biology, 2022, 49, 351-364.	2.1	12
7	Identifying optimal reference genes for gene expression studies in Eurasian spruce bark beetle, Ips typographus (Coleoptera: Curculionidae: Scolytinae). Scientific Reports, 2022, 12, 4671.	3.3	6
8	Targeting delta-endotoxin (Cry1Ac) of Bacillus thuringiensis to subcellular compartments increases the protein expression, stability, and biological activity. International Journal of Biological Macromolecules, 2022, 205, 185-192.	7.5	0
9	Reference Gene Selection for Normalizing Gene Expression in Ips Sexdentatus (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 752768.	2.8	11
10	To exclude or to accumulate? Revealing the role of the sodium HKT1;5 transporter in plant adaptive responses to varying soil salinity. Plant Physiology and Biochemistry, 2021, 169, 333-342.	5.8	20
11	Distinct Evolutionary Origins of Intron Retention Splicing Events in NHX1 Antiporter Transcripts Relate to Sequence Specific Distinctions in Oryza Species. Frontiers in Plant Science, 2020, 11, 267.	3.6	16
12	Microhair on the adaxial leaf surface of salt secreting halophytic Oryza coarctata Roxb. show distinct morphotypes: Isolation for molecular and functional analysis. Plant Science, 2019, 285, 248-257.	3.6	16
13	A quick, easy and cost-effective in planta method to develop direct transformants in wheat. 3 Biotech, 2019, 9, 180.	2.2	6
14	CRISPR for Crop Improvement: An Update Review. Frontiers in Plant Science, 2018, 9, 985.	3.6	425
15	Molecular Evolution of the Negative Regulatory Gene (NIFL) from Azotobacter Chroococcum and its Nitrogenase Activity. Biosciences, Biotechnology Research Asia, 2018, 15, 397-406.	0.5	0
16	An Environmentally Friendly Engineered Azotobacter Strain That Replaces a Substantial Amount of Urea Fertilizer while Sustaining the Same Wheat Yield. Applied and Environmental Microbiology, 2017, 83, .	3.1	41
17	Evaluation of entomopathogenic fungus againstAlternaria porri(Ellis) causing purple blotch disease of onion. Archives of Phytopathology and Plant Protection, 2015, 48, 135-144.	1.3	12
18	GhDRIN1, a novel drought-induced gene of upland cotton (Gossypium hirsutum L.) confers abiotic and biotic stress tolerance in transgenic tobacco. Biotechnology Letters, 2015, 37, 907-919.	2.2	8