

Supratim Basu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,034
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2494
citing authors

#	ARTICLE	IF	CITATIONS
1	Two <i>Liberibacter</i> Proteins Combine to Suppress Critical Innate Immune Defenses in Citrus. <i>Frontiers in Plant Science</i> , 2022, 13, 869178.	3.6	1
2	Coping with inclement weather conditions due to high temperature and water deficit in rice: An insight from genetic and biochemical perspectives. <i>Physiologia Plantarum</i> , 2021, 172, 487-504.	5.2	13
3	Using Network-Based Machine Learning to Predict Transcription Factors Involved in Drought Resistance. <i>Frontiers in Genetics</i> , 2021, 12, 652189.	2.3	15
4	Transcript profiling of stress-responsive genes and metabolic changes during salinity in <i>indica</i> and <i>japonica</i> rice exhibit distinct varietal difference. <i>Physiologia Plantarum</i> , 2021, 173, 1434-1447.	5.2	8
5	Cold tolerance response mechanisms revealed through comparative analysis of gene and protein expression in multiple rice genotypes. <i>PLoS ONE</i> , 2019, 14, e0218019.	2.5	33
6	Physiological and transcriptional responses to low-temperature stress in rice genotypes at the reproductive stage. <i>Plant Signaling and Behavior</i> , 2019, 14, e1581557.	2.4	14
7	Plant adaptation to drought stress. <i>F1000Research</i> , 2016, 5, 1554.	1.6	538
8	Comparative analysis of gene expression in response to cold stress in diverse rice genotypes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 253-259.	2.1	16
9	Regulation of grain yield in rice under well-watered and drought stress conditions by <i>GLDK</i> . <i>Plant Signaling and Behavior</i> , 2015, 10, e1034421.	2.4	6
10	Analysis of Stress-Responsive Gene Expression in Cultivated and Weedy Rice Differing in Cold Stress Tolerance. <i>PLoS ONE</i> , 2015, 10, e0132100.	2.5	35
11	Deciphering the Role of various cis-acting regulatory elements in controlling <i>SamDC</i> gene expression in Rice. <i>Plant Signaling and Behavior</i> , 2014, 9, e28391.	2.4	17
12	Expression Profiling of Abiotic Stress-Inducible Genes in response to Multiple Stresses in Rice (<i>Oryza sativa</i> L.) Varieties with Contrasting Level of Stress Tolerance. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	63
13	Rice <i>GROWTH UNDER DROUGHT KINASE</i> Is Required for Drought Tolerance and Grain Yield under Normal and Drought Stress Conditions. <i>Plant Physiology</i> , 2014, 166, 1634-1645.	4.8	87
14	Identification of trans-acting factors regulating <i>SamDC</i> expression in <i>Oryza sativa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 398-403.	2.1	21
15	Cross-talk between abscisic acid-dependent and abscisic acid-independent pathways during abiotic stress. <i>Plant Cell Reports</i> , 2013, 32, 985-1006.	5.6	317
16	Antioxidants and stress-related metabolites in the seedlings of two indica rice varieties exposed to cadmium chloride toxicity. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 835-847.	2.1	143
17	Carbohydrate content and antioxidative potential of the seed of three edible indica rice (<i>Oryza sativa</i>) Tj ETQq1 1 0,784314 rgBT /Over	0.0	16
18	Amelioration of salinity stress by exogenously applied spermidine or spermine in three varieties of indica rice differing in their level of salt tolerance. <i>Journal of Plant Physiology</i> , 2011, 168, 317-328.	3.5	219

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19	Comparative analysis of some biochemical responses of three indica rice varieties during polyethylene glycol-mediated water stress exhibits distinct varietal differences. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 551-563.	2.1	71
20	Differential antioxidative responses of indica rice cultivars to drought stress. <i>Plant Growth Regulation</i> , 2010, 60, 51-59.	3.4	176
21	Effects of exogenous abscisic acid on some physiological responses in a popular aromatic indica rice compared with those from two traditional non-aromatic indica rice cultivars. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 915-926.	2.1	47
22	Comparative expression of two abscisic acid-inducible genes and proteins in seeds of aromatic indica rice cultivar with that of non-aromatic indica rice cultivars. <i>Indian Journal of Experimental Biology</i> , 2009, 47, 827-33.	0.0	7
23	Comparative physiological and molecular responses of a common aromatic indica rice cultivar to high salinity with non-aromatic indica rice cultivars. <i>Plant Cell Reports</i> , 2008, 27, 1395-1410.	5.6	170