

Lambodar Behera

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

647
citations

759233

12
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of phytochrome-mediated gibberellic acid signaling in the modulation of seed germination under low light stress in rice (<i>O. sativa</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 585-605.	3.1	4
2	<i>In-silico</i> approaches to detect inhibitors of the human severe acute respiratory syndrome coronavirus envelope protein ion channel. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2617-2627.	3.5	192
3	Introduction to Bioinformatics. , 2021, , 3-20.		0
4	Novel cytokinin oxidase/dehydrogenase inhibitors for enhancing grain yield in crop plants and potential applications in the biotechnology industry. <i>Journal of Experimental Botany</i> , 2021, 72, 153-156.	4.8	4
5	Identification of novel QTLs for grain fertility and associated traits to decipher poor grain filling of basal spikelets in dense panicle rice. <i>Scientific Reports</i> , 2021, 11, 13617.	3.3	6
6	Utilization of genetic diversity and population structure to reveal prospective drought-tolerant donors in rice. <i>Gene Reports</i> , 2021, 23, 101151.	0.8	3
7	3000 Genome Project: A Brief Insight. , 2021, , 89-100.		1
8	Computational approach towards understanding structural and functional role of cytokinin oxidase/dehydrogenase 2 (CKX2) in enhancing grain yield in rice plant. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1158-1167.	3.5	25
9	Identification of QTLs for high grain yield and component traits in new plant types of rice. <i>PLoS ONE</i> , 2020, 15, e0227785.	2.5	17
10	Stable quantitative trait locus (QTL) for sheath blight resistance from rice cultivar CR 1014. <i>Euphytica</i> , 2020, 216, 1.	1.2	8
11	Role of sedoheptulose-1,7 biphosphatase in low light tolerance of rice (<i>Oryza sativa</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 2465-2485.	3.1	12
12	Marker-assisted selection for grain number and yield-related traits of rice (<i>Oryza sativa</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 885-898.	3.1	21
13	Characterization of haplotypes and single nucleotide polymorphisms associated with Gnl1a for high grain number formation in rice plant. <i>Genomics</i> , 2020, 112, 2647-2657.	2.9	11
14	In silico characterization of the impact of mutation (LEU112PRO) on the structure and function of carotenoid cleavage dioxygenase 8 in <i>Oryza sativa</i> . <i>Phytochemistry</i> , 2020, 175, 112365.	2.9	3
15	Assessment of Genetic Diversity of Drought Tolerant and Susceptible Rice Genotypes Using Microsatellite Markers. <i>Rice Science</i> , 2019, 26, 239-247.	3.9	31
16	Comparative transcriptome profiling of low light tolerant and sensitive rice varieties induced by low light stress at active tillering stage. <i>Scientific Reports</i> , 2019, 9, 5753.	3.3	31
17	Computational characterization of structural and functional roles of DREB1A, DREB1B and DREB1C in enhancing cold tolerance in rice plant. <i>Amino Acids</i> , 2019, 51, 839-853.	2.7	31
18	Insights into the structureâ€“function relationship of brown plant hopper resistance protein, Bph14 of rice plant: a computational structural biology approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1649-1665.	3.5	16

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19	Computational approach to understand molecular mechanism involved in BPH resistance in Bt- rice plant. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 88, 209-220.	2.4	16
20	Revealing Genetic Relationship and Prospecting of Novel Donors Among Upland Rice Genotypes Using qDTY-Linked SSR Markers. <i>Rice Science</i> , 2018, 25, 308-319.	3.9	7
21	Identification of novel quantitative trait loci associated with brown planthopper resistance in the rice landrace Salkathi. <i>Euphytica</i> , 2017, 213, 1.	1.2	21
22	Incorporation of Bacterial Blight Resistance Genes Into Lowland Rice Cultivar Through Marker-Assisted Backcross Breeding. <i>Phytopathology</i> , 2016, 106, 710-718.	2.2	27
23	Development and validation of cross-transferable and polymorphic DNA markers for detecting alien genome introgression in <i>Oryza sativa</i> from <i>Oryza brachyantha</i> . <i>Molecular Genetics and Genomics</i> , 2016, 291, 1783-1794.	2.1	10
24	Pyramiding of three bacterial blight resistance genes for broad-spectrum resistance in deepwater rice variety, Jalmagna. <i>Rice</i> , 2015, 8, 51.	4.0	141
25	Flanking Microsatellite Markers for Breeding Varieties Against Asian Rice Gall Midge. <i>Tropical Plant Biology</i> , 2010, 3, 219-226.	1.9	6