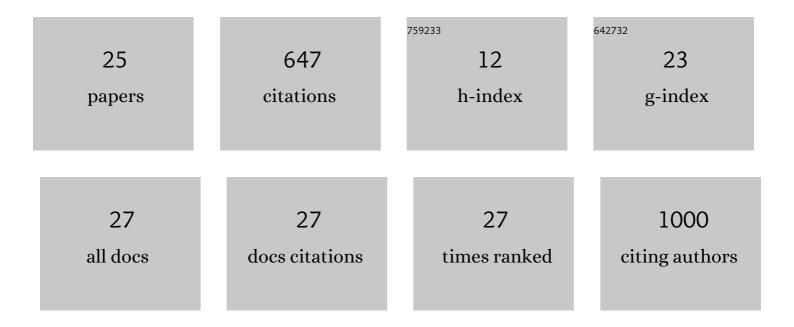
Lambodar Behera

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1540966/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The role of phytochrome-mediated gibberellic acid signaling in the modulation of seed germination under low light stress in rice (O. sativa L.). Physiology and Molecular Biology of Plants, 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. Journal of Biomolecular Structure and Dynamics, 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. Journal of Experimental Botany, 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. Scientific Reports, 2021, 11, 13617.	3.3	6
6	Utilization of genetic diversity and population structure to reveal prospective drought-tolerant donors in rice. Gene Reports, 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. Journal of Biomolecular Structure and Dynamics, 2020, 38, 1158-1167.	3.5	25
9	Identification of QTLs for high grain yield and component traits in new plant types of rice. PLoS ONE, 2020, 15, e0227785.	2.5	17
10	Stable quantitative trait locus (QTL) for sheath blight resistance from rice cultivar CR 1014. Euphytica, 2020, 216, 1.	1.2	8
11	Role of sedoheptulose-1,7 bisphosphatase in low light tolerance of rice (Oryza sativa L.). Physiology and Molecular Biology of Plants, 2020, 26, 2465-2485.	3.1	12
12	Marker-assisted selection for grain number and yield-related traits of rice (Oryza sativa L.). Physiology and Molecular Biology of Plants, 2020, 26, 885-898.	3.1	21
13	Characterization of haplotypes and single nucleotide polymorphisms associated with Gn1a for high grain number formation in rice plant. Genomics, 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 Oryza sativa. Phytochemistry, 2020, 175, 112365.	2.9	3
15	Assessment of Genetic Diversity of Drought Tolerant and Susceptible Rice Genotypes Using Microsatellite Markers. Rice Science, 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. Scientific Reports, 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. Amino Acids, 2019, 51, 839-853.	2.7	31
18	Insights into the structure–function relationship of brown plant hopper resistance protein, Bph14 of rice plant: a computational structural biology approach. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1649-1665.	3.5	16

Lambodar Behera

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