

Somnath Roy

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

405
citations

840776

11
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Diversity and Population Structure in Aromatic and Quality Rice (<i>Oryza sativa</i> L.) Landraces from North-Eastern India. PLoS ONE, 2015, 10, e0129607.	2.5	70
2	Genetic diversity and structure in hill rice (<i>Oryza sativa</i> L.) landraces from the North-Eastern Himalayas of India. BMC Genetics, 2016, 17, 107.	2.7	58
3	Rice bean: a lesser known pulse with well-recognized potential. Planta, 2019, 250, 873-890.	3.2	41
4	Identification and characterization of a distinct banana bunchy top virus isolate of Pacific-Indian Oceans group from North-East India. Virus Research, 2014, 183, 41-49.	2.2	32
5	Energy efficiency and economics of rice cultivation systems under subtropical Eastern Himalaya. Energy for Sustainable Development, 2015, 28, 115-121.	4.5	31
6	Identification of QTLs for high grain yield and component traits in new plant types of rice. PLoS ONE, 2020, 15, e0227785.	2.5	17
7	Reverse transcription loop-mediated isothermal amplification (RT-LAMP) assay for rapid diagnosis of chilli veinal mottle virus. Archives of Virology, 2016, 161, 1957-1961.	2.1	16
8	A survey of bacterial blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>) resistance in rice germplasm from eastern and northeastern India using molecular markers. Crop Protection, 2018, 112, 168-176.	2.1	16
9	First report of Chilli veinal mottle virus in Naga chilli (<i>Capsicum chinense</i>) in Meghalaya, India. VirusDisease, 2014, 25, 142-143.	2.0	15
10	Diversity in Bird's Eye Chilli (<i>Capsicum frutescens</i> L.) Landraces of North-East India in Terms of Antioxidant Activities. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 1317-1326.	1.0	15
11	Comparative analysis of agro-morphology, grain quality and aroma traits of traditional and Basmati type genotypes of rice, <i>Oryza sativa</i> L. Plant Breeding, 2012, 131, 486-492.	1.9	14
12	Chakhao (delicious) rice landraces (<i>Oryza sativa</i> L.) of North-east India: collection, conservation and characterization of genetic diversity. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 264-272.	0.8	11
13	Phylogenetic analysis of Rice tungro bacilliform virus ORFs revealed strong correlation between evolution and geographical distribution. Virus Genes, 2011, 43, 398-408.	1.6	10
14	Phenotypic characterization of indigenous rice (<i>Oryza sativa</i> L.) germplasm collected from the state of Nagaland, India. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 58-66.	0.8	10
15	Genetic diversity for drought and low-phosphorus tolerance in rice (<i>Oryza sativa</i> L.) varieties and donors adapted to rainfed drought-prone ecologies. Scientific Reports, 2021, 11, 13671.	3.3	8
16	The large intergenic region of Rice tungro bacilliform virus evolved differentially among geographically distinguished isolates. Virus Genes, 2012, 44, 312-318.	1.6	7
17	Molecular evidence of an isolate of mungbean yellow mosaic India virus with a recombinant DNA B component occurring on mungbean from mid-hills of Meghalaya, India. VirusDisease, 2018, 29, 68-74.	2.0	7
18	Detection of probable marker-free transgene-positive rice plants resistant to rice tungro disease from backcross progenies of transgenic Pusa Basmati 1. Journal of Genetics, 2012, 91, 213-218.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Superior bio-efficacy of a combined formulation of carbendazim and mancozeb in inducing defense responses in chilli seedlings against <i>Sclerotium rolfsii</i> Sacc. in comparison with methyl jasmonate. <i>Crop Protection</i> , 2010, 29, 163-167.	2.1	4
20	Genetic diversity analysis of specialty glutinous and low-amylose rice (<i>Oryza sativa</i> L.) landraces of Assam based on Wx locus and microsatellite diversity. <i>Journal of Biosciences</i> , 2020, 45, 1.	1.1	4
21	Characterization of <i>Perilla frutescens</i> (Linn.) Britt based on morphological, biochemical and STMS markers. <i>Industrial Crops and Products</i> , 2017, 109, 773-785.	5.2	3
22	<i>Capsicum frutescens</i> L. Landraces of North-East India: From Phenotypic Diversity Perspective of Unexplored Collection. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 1135-1146.	1.0	3
23	Omics-Based Approaches for Rice Improvement. , 2013, , 1-46.		1
24	<i>Stahlianthus involucratus</i> (King ex Baker) Craib ex Loes.: a new record to the flora of Mizoram, India. <i>Journal of Threatened Taxa</i> , 2016, 8, 8629.	0.3	1
25	Aromatic Rice. , 2020, , 251-282.		1
26	Morpho-genetic screening and population structure analysis of <i>Capsicum</i> landraces of North-eastern Himalayan regions of India. <i>Journal of Horticultural Science and Biotechnology</i> , 2023, 98, 99-108.	1.9	0