Somnath Roy

List of Publications by Year
in descending order

26	405	840776 11	794594 19
papers	citations	h-index	g-index

27	27	27	416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Morpho-genetic screening and population structure analysis of Capsicum landraces of North-eastern Himalayan regions of India. Journal of Horticultural Science and Biotechnology, 2023, 98, 99-108.	1.9	0
2	Genetic diversity for drought and low-phosphorus tolerance in rice (Oryza sativa L.) varieties and donors adapted to rainfed drought-prone ecologies. Scientific Reports, 2021, 11, 13671.	3.3	8
3	Identification of QTLs for high grain yield and component traits in new plant types of rice. PLoS ONE, 2020, 15, e0227785.	2.5	17
4	Genetic diversity analysis of specialty glutinous and low-amylose rice (Oryza sativa L.) landraces of Assam based on Wx locus and microsatellite diversity. Journal of Biosciences, 2020, 45, 1.	1.1	4
5	Aromatic Rice. , 2020, , 251-282.		1
6	Rice bean: a lesser known pulse with well-recognized potential. Planta, 2019, 250, 873-890.	3.2	41
7	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
8	Capsicum frutescens L. Landraces of North-East India: From Phenotypic Diversity Perspective of Unexplored Collection. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 1135-1146.	1.0	3
9	A survey of bacterial blight (Xanthomonas oryzae pv. oryzae) resistance in rice germplasm from eastern and northeastern India using molecular markers. Crop Protection, 2018, 112, 168-176.	2.1	16
10	Diversity in Birdâ€™s Eye Chilli (Capsicum frutescens 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	Characterization of Perilla frutescens (Linn.) Britt based on morphological, biochemical and STMS markers. Industrial Crops and Products, 2017, 109, 773-785.	5.2	3
12	Genetic diversity and structure in hill rice (Oryza sativa L.) landraces from the North-Eastern Himalayas of India. BMC Genetics, 2016, 17, 107.	2.7	58
13	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
14	Stahlianthus involucratus (King ex Baker) Craib ex Loes.: a new record to the flora of Mizoram, India. Journal of Threatened Taxa, 2016, 8, 8629.	0.3	1
15	Genetic Diversity and Population Structure in Aromatic and Quality Rice (Oryza sativa L.) Landraces from North-Eastern India. PLoS ONE, 2015, 10, e0129607.	2.5	70
16	Energy efficiency and economics of rice cultivation systems under subtropical Eastern Himalaya. Energy for Sustainable Development, 2015, 28, 115-121.	4.5	31
17	Phenotypic characterization of indigenous rice (Oryza sativa L.) germplasm collected from the state of Nagaland, India. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 58-66.	0.8	10
18	Chakhao(delicious) rice landraces (Oryza sativaL.) of North-east India: collection, conservation and characterization of genetic diversity. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 264-272.	0.8	11

#	Article	IF	Citations
19	First report of Chilli veinal mottle virus in Naga chilli (Capsicum chinense) in Meghalaya, India. VirusDisease, 2014, 25, 142-143.	2.0	15
20	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
21	Omics-Based Approaches for Rice Improvement. , 2013, , 1-46.		1
22	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
23	Comparative analysis of agroâ€morphology, grain quality and aroma traits of traditional and Basmatiâ€type genotypes of rice, Oryza sativa L.. Plant Breeding, 2012, 131, 486-492.	1.9	14
24	The large intergenic region of Rice tungro bacilliform virus evolved differentially among geographically distinguished isolates. Virus Genes, 2012, 44, 312-318.	1.6	7
25	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
26	Superior bio-efficacy of a combined formulation of carbendazim and mancozeb in inducing defense responses in chilli seedlings against Sclerotium rolfsii Sacc. in comparison with methyl jasmonate. Crop Protection, 2010, 29, 163-167.	2.1	4