Gayacharan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4111025/publications.pdf

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18	302	1163117 8	996975 15
papers	citations	h-index	g-index

21	21	21	361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epigenetic responses to drought stress in rice (Oryza sativa L.). Physiology and Molecular Biology of Plants, 2013, 19, 379-387.	3.1	84
2	Genetic variation for root architectural traits in response to phosphorus deficiency in mungbean at the seedling stage. PLoS ONE, 2020, 15, e0221008.	2.5	47
3	Identification of novel resistant sources for ascochyta blight (Ascochyta rabiei) in chickpea. PLoS ONE, 2020, 15, e0240589.	2.5	32
4	Genetic resources of pulse crops in India: An overview. Indian Journal of Genetics and Plant Breeding, 2016, 76, 420.	0.5	22
5	Physiological Basis of Combined Stress Tolerance to Low Phosphorus and Drought in a Diverse Set of Mungbean Germplasm. Agronomy, 2021, 11, 99.	3.0	16
6	Assessment of root phenotypes in mungbean mini-core collection (MMC) from the World Vegetable Center (AVRDC) Taiwan. PLoS ONE, 2021, 16, e0247810.	2.5	15
7	Understanding genetic variability in the mungbean (<scp>Vigna radiata</scp> L.) genepool. Annals of Applied Biology, 2020, 177, 346-357.	2.5	12
8	Mungbean Genetic Resources and Utilization. Compendium of Plant Genomes, 2020, , 9-25.	0.5	11
9	Cross tolerance to phosphorus deficiency and drought stress in mungbean is regulated by improved antioxidant capacity, biological N2-fixation, and differential transcript accumulation. Plant and Soil, 2021, 466, 337-356.	3.7	10
10	Morphological and nutritional assessment of Vigna vexillata (L.) A. Rich.: a potential tuberous legume of India. Genetic Resources and Crop Evolution, 2021, 68, 397-408.	1.6	9
11	Chickpea genetic resources: collection, conservation, characterization, and maintenance. , 2020, , 37-61.		7
12	Genotypic variation in root architectural traits under contrasting phosphorus levels in Mediterranean and Indian origin lentil genotypes. PeerJ, 2022, 10, e12766.	2.0	5
13	Exploring of greater yam (Dioscorea alata L.) genotypes through biochemical screening for better cultivation in south Gujarat zone of India. Physiology and Molecular Biology of Plants, 2019, 25, 1235-1249.	3.1	4
14	First Report of a Novel Multi-flowering Germplasm with Fasciated Stem in Lentil (Lens culinaris) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.1	3
15	Understanding genetic diversity in blackgram [Vigna mungo (L.) Hepper] collections of Indian National Genebank. Genetic Resources and Crop Evolution, 2022, 69, 1229.	1.6	3
16	Population structure and genetic diversity of wheat landraces from northwestern Indian Himalaya. Indian Journal of Plant Genetic Resources, 2018, 31, 169.	0.1	2
17	Transcriptome Analysis Reveals Key Pathways and Candidate Genes Controlling Seed Development and Size in Ricebean (Vigna umbellata). Frontiers in Genetics, 2021, 12, 791355.	2.3	2
18	Nutritional Diversity of Elite Rice Landrace from Subsistence-oriented Farming Systems. Indian Journal of Plant Genetic Resources, 2019, 32, 18.	0.1	1