Rajeev Gupta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3090118/publications.pdf

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32	767	623734	580821
papers	citations	14 h-index	25 g-index

37	37	37	893
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Involvement of the MADS-Box GeneZMM4in Floral Induction and Inflorescence Development in Maize Â Â. Plant Physiology, 2008, 147, 2054-2069.	4.8	117
2	Mapping Grain Iron and Zinc Content Quantitative Trait Loci in an Iniadi-Derived Immortal Population of Pearl Millet. Genes, 2018, 9, 248.	2.4	61
3	Genome-Wide Association Studies and Genomic Selection in Pearl Millet: Advances and Prospects. Frontiers in Genetics, 2019, 10, 1389.	2.3	60
4	A sorghum practical haplotype graph facilitates genomeâ€wide imputation and costâ€effective genomic prediction. Plant Genome, 2020, 13, e20009.	2.8	54
5	Identification and characterization of a novel stayâ€green <scp>QTL</scp> that increases yield in maize. Plant Biotechnology Journal, 2019, 17, 2272-2285.	8.3	45
6	Towards Defining Heterotic Gene Pools in Pearl Millet [Pennisetum glaucum (L.) R. Br.]. Frontiers in Plant Science, 2017, 8, 1934.	3.6	42
7	Phenotypic Data from Inbred Parents Can Improve Genomic Prediction in Pearl Millet Hybrids. G3: Genes, Genomes, Genetics, 2018, 8, 2513-2522.	1.8	41
8	Sorghum Pan-Genome Explores the Functional Utility for Genomic-Assisted Breeding to Accelerate the Genetic Gain. Frontiers in Plant Science, 2021, 12, 666342.	3.6	41
9	N distribution in maize plant as a marker for grain yield and limits on its remobilization after flowering. Plant Breeding, 2013, 132, 500-505.	1.9	35
10	Nitrogen Challenges and Opportunities for Agricultural and Environmental Science in India. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	29
11	Chitinase-like1 Plays a Role in Stalk Tensile Strength in Maize. Plant Physiology, 2019, 181, 1127-1147.	4.8	24
12	Genomic Designing of Pearl Millet: A Resilient Crop for Arid and Semi-arid Environments. , 2020, , 221-286.		22
13	Fine-Mapping of Sorghum Stay-Green QTL on Chromosome10 Revealed Genes Associated with Delayed Senescence. Genes, 2020, 11, 1026.	2.4	20
14	Breeding Drought-Tolerant Pearl Millet Using Conventional and Genomic Approaches: Achievements and Prospects. Frontiers in Plant Science, 2022, 13, 781524.	3.6	16
15	Identification of heterotic groups in South-Asian-bred hybrid parents of pearl millet. Theoretical and Applied Genetics, 2020, 133, 873-888.	3.6	15
16	Exploitation of Heterosis in Pearl Millet: A Review. Plants, 2020, 9, 807.	3.5	15
17	Genetic Variation for Nitrogen Use Efficiency Traits in Global Diversity Panel and Parents of Mapping Populations in Pearl Millet. Frontiers in Plant Science, 2021, 12, 625915.	3.6	15
18	A vegetative storage protein improves drought tolerance in maize. Plant Biotechnology Journal, 2022, 20, 374-389.	8.3	14

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19	Mapping quantitative trait loci (QTLs) associated with resistance toÂmajor pathotype-isolates ofÂpearl millet downy mildew pathogen. European Journal of Plant Pathology, 2019, 154, 983-994.	1.7	13
20	Nitrogen Use Efficiency in Sorghum: Exploring Native Variability for Traits Under Variable N-Regimes. Frontiers in Plant Science, 2021, 12, 643192.	3.6	13
21	Discerning combining ability loci for divergent environments using chromosome segment substitution lines (CSSLs) in pearl millet. PLoS ONE, 2019, 14, e0218916.	2.5	12
22	Genetic variability, genotype Ã— environment interaction and correlation analysis for grain iron and zinc contents in recombinant inbred line population of pearl millet [Pennisetum glaucum (L). R.. Indian Journal of Genetics and Plant Breeding, 2019, 79, .	0.5	9
23	Genomic Approaches for Abiotic Stress Tolerance in Sorghum. Compendium of Plant Genomes, 2016, , 169-187.	0.5	8
24	Genome-Wide Association Studies (GWAS) for Traits Related to Fodder Quality and Biofuel in Sorghum: Progress and Prospects. Protein and Peptide Letters, 2021, 28, 843-854.	0.9	7
25	Genomic Approaches to Enhance Stress Tolerance for Productivity Improvements in Pearl Millet. , 2018, , 239-264.		6
26	GWAS identifies genetic loci underlying nitrogen responsiveness in the climate resilient C4 model Setaria italica (L.). Journal of Advanced Research, 2022, 42, 249-261.	9.5	6
27	Genetic Dissection and Quantitative Trait Loci Mapping of Agronomic and Fodder Quality Traits in Sorghum Under Different Water Regimes. Frontiers in Plant Science, 2022, 13, 810632.	3.6	5
28	Genome-Wide Association Study for Major Biofuel Traits in Sorghum Using Minicore Collection. Protein and Peptide Letters, 2021, 28, 909-928.	0.9	4
29	Maize. , 2012, , 405-432.		3
30	Genome-Wide Assessment of Population Structure and Genetic Diversity of the Global Finger Millet Germplasm Panel Conserved at the ICRISAT Genebank. Frontiers in Plant Science, 2021, 12, 692463.	3.6	3
31	The maize premature senesence2 encodes for PHYTOCHROMEâ€DEPENDENT LATEâ€FLOWERING and its expression modulation improves agronomic traits under abiotic stresses. Plant Direct, 2020, 4, e00295.	1.9	3
32	Genomic-Assisted Enhancement in Stress Tolerance for Productivity Improvement in Sorghum. , 2018, , 265-288.		2