Sunil Kumar Kenchanmane Raju

List of Publications by Year
in descending order

21 papers	379 citations	1040056 9 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	584 citing authors

#	Article	IF	Citations
1	An epigenetic breeding system in soybean for increased yield and stability. Plant Biotechnology Journal, 2018, 16, 1836-1847.	8.3	73
2	Low-temperature tolerance in land plants: Are transcript and membrane responses conserved?. Plant Science, 2018, 276, 73-86.	3.6	70
3	MSH1 Is a Plant Organellar DNA Binding and Thylakoid Protein under Precise Spatial Regulation to Alter Development. Molecular Plant, 2016, 9, 245-260.	8.3	62
4	Establishment, maintenance, and biological roles of non-CG methylation in plants. Essays in Biochemistry, 2019, 63, 743-755.	4.7	49
5	Composite modeling of leaf shape along shoots discriminates <i>Vitis</i> species better than individual leaves. Applications in Plant Sciences, 2020, 8, e11404.	2.1	29
6	Stress-responsive pathways and small RNA changes distinguish variable developmental phenotypes caused by MSH1 loss. BMC Plant Biology, 2017, 17, 47.	3.6	26
7	Parallels between natural selection in the cold–adapted crop–wild relative <i>Tripsacum dactyloides</i> and artificial selection in temperate adapted maize. Plant Journal, 2019, 99, 965-977.	5.7	18
8	Epigenomic plasticity of Arabidopsis msh1 mutants under prolonged cold stress. Plant Direct, 2018, 2, e00079.	1.9	16
9	Leaf Angle eXtractor: A high–throughput image processing framework for leaf angle measurements in maize and sorghum. Applications in Plant Sciences, 2020, 8, e11385.	2.1	14
10	Epigenetic Diversity and Application to Breeding. Advances in Botanical Research, 2018, , 49-86.	1.1	5
11	Comparative Profiling Examines Roles of DNA Regulatory Sequences and Accessible Chromatin during Cold Stress Response in Grasses. Plant Cell, 2020, 32, 2451-2452.	6.6	4
12	The R-Loop: An Additional Chromatin Feature for Gene Regulation in Arabidopsis. Plant Cell, 2020, 32, 785-786.	6.6	4
13	Gene Dosage Balance Immediately following Whole-Genome Duplication in Arabidopsis. Plant Cell, 2020, 32, 1344-1345.	6.6	3
14	Leveraging barrel medic genome sequence for the development and use of genomic resources for genetic analysis and breeding in legumes. Electronic Journal of Biotechnology, 2019, 39, 30-41.	2.2	1
15	Advances in plant phenomics: From data and algorithms to biological insights. Applications in Plant Sciences, 2020, 8, e11386.	2.1	1
16	Epigenomic atlas in wheat reveals regulatory elements specifying subgenome divergence. Plant Cell, 2021, 33, 783-785.	6.6	1
17	Comparative Cell-Specific DNaseI-Seq Reveals Transcription Factor Binding Landscape in C3 and C4 Grasses. Plant Cell, 2019, 31, 2285-2286.	6.6	0
18	Predicting Adult Complex Traits from Early Development Transcript Data in Maize. Plant Cell, 2020, 32, 10-11.	6.6	0

#	Article	IF	Citations
19	Cellular-identity and regulatory variation in model plants at single-nuclei resolution. Molecular Plant, 2021, 14, 1436-1437.	8.3	0
20	OUP accepted manuscript. Plant Cell, 2022, 34, 712-713.	6.6	0
21	Machine learning models reveal the importance of time-point specific cis-regulatory elements in <i>Arabidopsis thaliana</i> wounding response. Plant Cell, 2022, 34, 716-717.	6.6	0