

# Sunil Kumar Kenchanmane Raju

## List of Publications by Year in descending order

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Version: 2024-02-01

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	OUP accepted manuscript. <i>Plant Cell</i> , 2022, 34, 712-713.	6.6	0
2	Machine learning models reveal the importance of time-point specific cis-regulatory elements in <i>Arabidopsis thaliana</i> wounding response. <i>Plant Cell</i> , 2022, 34, 716-717.	6.6	0
3	Epigenomic atlas in wheat reveals regulatory elements specifying subgenome divergence. <i>Plant Cell</i> , 2021, 33, 783-785.	6.6	1
4	Cellular-identity and regulatory variation in model plants at single-nuclei resolution. <i>Molecular Plant</i> , 2021, 14, 1436-1437.	8.3	0
5	Leaf Angle eXtractor: A high-throughput image processing framework for leaf angle measurements in maize and sorghum. <i>Applications in Plant Sciences</i> , 2020, 8, e11385.	2.1	14
6	Advances in plant phenomics: From data and algorithms to biological insights. <i>Applications in Plant Sciences</i> , 2020, 8, e11386.	2.1	1
7	Composite modeling of leaf shape along shoots discriminates <i>Vitis</i> species better than individual leaves. <i>Applications in Plant Sciences</i> , 2020, 8, e11404.	2.1	29
8	Comparative Profiling Examines Roles of DNA Regulatory Sequences and Accessible Chromatin during Cold Stress Response in Grasses. <i>Plant Cell</i> , 2020, 32, 2451-2452.	6.6	4
9	Gene Dosage Balance Immediately following Whole-Genome Duplication in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 1344-1345.	6.6	3
10	The R-Loop: An Additional Chromatin Feature for Gene Regulation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 785-786.	6.6	4
11	Predicting Adult Complex Traits from Early Development Transcript Data in Maize. <i>Plant Cell</i> , 2020, 32, 10-11.	6.6	0
12	Comparative Cell-Specific DNase-Seq Reveals Transcription Factor Binding Landscape in C3 and C4 Grasses. <i>Plant Cell</i> , 2019, 31, 2285-2286.	6.6	0
13	Parallels between natural selection in the cold-adapted crop wild relative <i>Tripsacum dactyloides</i> and artificial selection in temperate adapted maize. <i>Plant Journal</i> , 2019, 99, 965-977.	5.7	18
14	Leveraging barrel medic genome sequence for the development and use of genomic resources for genetic analysis and breeding in legumes. <i>Electronic Journal of Biotechnology</i> , 2019, 39, 30-41.	2.2	1
15	Establishment, maintenance, and biological roles of non-CG methylation in plants. <i>Essays in Biochemistry</i> , 2019, 63, 743-755.	4.7	49
16	An epigenetic breeding system in soybean for increased yield and stability. <i>Plant Biotechnology Journal</i> , 2018, 16, 1836-1847.	8.3	73
17	Epigenetic Diversity and Application to Breeding. <i>Advances in Botanical Research</i> , 2018, , 49-86.	1.1	5
18	Epigenomic plasticity of <i>Arabidopsis</i> msh1 mutants under prolonged cold stress. <i>Plant Direct</i> , 2018, 2, e00079.	1.9	16

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19	Low-temperature tolerance in land plants: Are transcript and membrane responses conserved?. Plant Science, 2018, 276, 73-86.	3.6	70
20	Stress-responsive pathways and small RNA changes distinguish variable developmental phenotypes caused by MSH1 loss. BMC Plant Biology, 2017, 17, 47.	3.6	26
21	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