

Ram Kishor Yadav

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,774
citations

623699

14
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642715

23
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28
all docs

28
docs citations

28
times ranked

2113
citing authors

#	ARTICLE	IF	CITATIONS
1	WUSCHEL protein movement mediates stem cell homeostasis in the <i>Arabidopsis</i> shoot apex. <i>Genes and Development</i> , 2011, 25, 2025-2030.	5.9	522
2	Gene expression map of the <i>Arabidopsis</i> shoot apical meristem stem cell niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4941-4946.	7.1	299
3	Plant stem cell maintenance involves direct transcriptional repression of differentiation program. <i>Molecular Systems Biology</i> , 2013, 9, 654.	7.2	126
4	<i>Arabidopsis</i> PLETHORA Transcription Factors Control Phyllotaxis. <i>Current Biology</i> , 2011, 21, 1123-1128.	3.9	124
5	WUSCHEL mediates stem cell homeostasis by regulating stem cell number and patterns of cell division and differentiation of stem cell progenitors. <i>Development (Cambridge)</i> , 2010, 137, 3581-3589.	2.5	118
6	A high-resolution gene expression map of the <i>Arabidopsis</i> shoot meristem stem cell niche. <i>Development (Cambridge)</i> , 2014, 141, 2735-2744.	2.5	110
7	Threshold-dependent transcriptional discrimination underlies stem cell homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6298-E6306.	7.1	109
8	DETORQUEO, QUIRKY, and ZERZAUST Represent Novel Components Involved in Organ Development Mediated by the Receptor-Like Kinase STRUBBELIG in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2009, 5, e1000355.	3.5	78
9	DNA-dependent homodimerization, sub-cellular partitioning, and protein destabilization control WUSCHEL levels and spatial patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6307-E6315.	7.1	55
10	Structure-Function Analysis of STRUBBELIG, an <i>Arabidopsis</i> Atypical Receptor-Like Kinase Involved in Tissue Morphogenesis. <i>PLoS ONE</i> , 2011, 6, e19730.	2.5	45
11	Adaptive Cell Segmentation and Tracking for Volumetric Confocal Microscopy Images of a Developing Plant Meristem. <i>Molecular Plant</i> , 2011, 4, 922-931.	8.3	43
12	The <i>Arabidopsis</i> receptor-like kinase STRUBBELIG mediates inter-cell-layer signaling during floral development. <i>Developmental Biology</i> , 2008, 323, 261-270.	2.0	37
13	Automated tracking of stem cell lineages of <i>Arabidopsis</i> shoot apex using local graph matching. <i>Plant Journal</i> , 2010, 62, 135-147.	5.7	34
14	WUSCHEL protein movement and stem cell homeostasis. <i>Plant Signaling and Behavior</i> , 2012, 7, 592-594.	2.4	20
15	Identification of novel markers for stem-cell niche of <i>Arabidopsis</i> shoot apex. <i>Gene Expression Patterns</i> , 2010, 10, 259-264.	0.8	14
16	ELONGATED HYPOCOTYL5 Negatively Regulates <i>DECREASE WAX BIOSYNTHESIS</i> to Increase Survival during UV-B Stress. <i>Plant Physiology</i> , 2020, 184, 2091-2106.	4.8	10
17	Inter-cell-layer signalling during <i>Arabidopsis</i> ovule development mediated by the receptor-like kinase STRUBBELIG. <i>Biochemical Society Transactions</i> , 2010, 38, 583-587.	3.4	5
18	Cell Resolution 3D Reconstruction of Developing Multilayer Tissues from Sparsely Sampled Volumetric Microscopy Images. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	WUSCHEL-mediated cellular feedback network imparts robustness to stem cell homeostasis. <i>Plant Signaling and Behavior</i> , 2011, 6, 544-546.	2.4	4
20	C-terminal domain of APETALA1 is essential for its functional divergence from CAULIFLOWER in Arabidopsis. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 824-831.	1.7	4
21	Computational Tools for Quantitative Analysis of Cell Growth Patterns and Morphogenesis in Actively Developing Plant Stem Cell Niches. <i>Methods in Molecular Biology</i> , 2011, 876, 217-227.	0.9	2
22	Gene Expression Analysis of Shoot Apical Meristem Cell Types. <i>Methods in Molecular Biology</i> , 2013, 959, 235-245.	0.9	2
23	A cellular expression map of epidermal and subepidermal cell layer-enriched transcription factor genes integrated with the regulatory network in Arabidopsis shoot apical meristem. <i>Plant Direct</i> , 2021, 5, e00306.	1.9	2
24	Labeling and Sorting of Arabidopsis SAM Cell Populations to Capture Their Transcriptome Profile. <i>Methods in Molecular Biology</i> , 2020, 2094, 39-47.	0.9	1
25	The Genetic Control of Flower Size and Shape. , 0, , 71-97.		0