

Takahiro Hamada

List of Publications by Year in descending order

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26
papers

2,105
citations

430874

18
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

2746
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into Land Plant Evolution Garnered from the <i>Marchantia polymorpha</i> Genome. <i>Cell</i> , 2017, 171, 287-304.e15.	28.9	973
2	Microtubule Organization and Microtubule-Associated Proteins in Plant Cells. <i>International Review of Cell and Molecular Biology</i> , 2014, 312, 1-52.	3.2	140
3	Plant-Specific Microtubule-Associated Protein SPIRAL2 Is Required for Anisotropic Growth in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2004, 136, 3933-3944.	4.8	137
4	An Atypical Tubulin Kinase Mediates Stress-Induced Microtubule Depolymerization in <i>Arabidopsis</i> . <i>Current Biology</i> , 2013, 23, 1969-1978.	3.9	112
5	Microtubule-associated proteins in higher plants. <i>Journal of Plant Research</i> , 2007, 120, 79-98.	2.4	111
6	Profiling and Characterization of Small RNAs in the Liverwort, <i>Marchantia polymorpha</i> , Belonging to the First Diverged Land Plants. <i>Plant and Cell Physiology</i> , 2016, 57, 359-372.	3.1	68
7	RNA Processing Bodies, Peroxisomes, Golgi Bodies, Mitochondria, and Endoplasmic Reticulum Tubule Junctions Frequently Pause at Cortical Microtubules. <i>Plant and Cell Physiology</i> , 2012, 53, 699-708.	3.1	64
8	Purification and Characterization of Novel Microtubule-Associated Proteins from <i>Arabidopsis</i> Cell Suspension Cultures. <i>Plant Physiology</i> , 2013, 163, 1804-1816.	4.8	60
9	Microtubules Contribute to Tubule Elongation and Anchoring of Endoplasmic Reticulum, Resulting in High Network Complexity in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 166, 1869-1876.	4.8	55
10	Characterization of a 200 kDa Microtubule-associated Protein of Tobacco BY-2 Cells, a Member of the XMAP215/MOR1 Family. <i>Plant and Cell Physiology</i> , 2004, 45, 1233-1242.	3.1	54
11	γ -Tubulin is Rapidly Phosphorylated in Response to Hyperosmotic Stress in Rice and <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2013, 54, 848-858.	3.1	52
12	Microtubule-Associated Kinase-like Protein RUNKEL Needed for Cell Plate Expansion in <i>Arabidopsis</i> Cytokinesis. <i>Current Biology</i> , 2009, 19, 518-523.	3.9	44
13	NIMA-related kinases 6, 4, and 5 interact with each other to regulate microtubule organization during epidermal cell expansion in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 67, 993-1005.	5.7	41
14	n-Butanol induces depolymerization of microtubules in vivo and in vitro. <i>Plant and Cell Physiology</i> , 2006, 47, 1004-1009.	3.1	35
15	An Early Arising Role of the MicroRNA156/529-SPL Module in Reproductive Development Revealed by the Liverwort <i>Marchantia polymorpha</i> . <i>Current Biology</i> , 2019, 29, 3307-3314.e5.	3.9	34
16	Diffuse Decapping Enzyme DCP2 Accumulates in DCP1 Foci Under Heat Stress in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2015, 56, 107-115.	3.1	32
17	Stress granule formation is induced by a threshold temperature rather than a temperature difference in <i>Arabidopsis</i> . <i>Journal of Cell Science</i> , 2018, 131, .	2.0	27
18	The GYF domain protein PSIG1 dampens the induction of cell death during plant-pathogen interactions. <i>PLoS Genetics</i> , 2017, 13, e1007037.	3.5	21

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19	Purification and Characterization of Plant Dynamin from Tobacco BY-2 Cells. <i>Plant and Cell Physiology</i> , 2006, 47, 1175-1181.	3.1	15
20	The Putative RNA-Processing Protein, THO2, is a Microtubule-Associated Protein in Tobacco. <i>Plant and Cell Physiology</i> , 2009, 50, 801-811.	3.1	11
21	GTP Is Required for the Microtubule Catastrophe-Inducing Activity of MAP200, a Tobacco Homolog of XMAP215. <i>Plant Physiology</i> , 2009, 151, 1823-1830.	4.8	10
22	Lessons from in vitro reconstitution analyses of plant microtubule-associated proteins. <i>Frontiers in Plant Science</i> , 2014, 5, 409.	3.6	5
23	Arabidopsis Pol II-Dependent in Vitro Transcription System Reveals Role of Chromatin for Light-Inducible <i>rbcS</i> Gene Transcription. <i>Plant Physiology</i> , 2016, 170, 642-652.	4.8	4
24	Microtubule-Associated Kinase-like Protein RUNKEL Needed for Cell Plate Expansion in Arabidopsis Cytokinesis. <i>Current Biology</i> , 2009, 19, 536.	3.9	0
25	An Atypical Tubulin Kinase Mediates Stress-Induced Microtubule Depolymerization in Arabidopsis. <i>Current Biology</i> , 2013, 23, 2196.	3.9	0
26	Isolation of Microtubules and Microtubule-Associated Proteins. <i>Methods in Molecular Biology</i> , 2017, 1511, 281-289.	0.9	0