Masaki Ishikawa

List of Publications by Year
in descending order

23 papers	2,586 citations	471509 17 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	3482 citing authors

#	Article	IF	Citations
1	Overexpression of <i>ATG8/LC3</i> enhances wound-induced somatic reprogramming in <i>Physcomitrium patens</i>. Autophagy, 2022, 18, 1463-1466.	9.1	7
2	Molecular mechanisms of reprogramming of differentiated cells into stem cells in the moss Physcomitrium patens. Current Opinion in Plant Biology, 2022, 65, 102123.	7.1	4
3	A PSTAIRE-type cyclin-dependent kinase controls light responses in land plants. Science Advances, 2022, 8, eabk2116.	10.3	2
4	Plant stem cell research is uncovering the secrets of longevity and persistent growth. Plant Journal, 2021, 106, 326-335.	5.7	19
5	DNA damage triggers reprogramming of differentiated cells into stem cells in Physcomitrella. Nature Plants, 2020, 6, 1098-1105.	9.3	22
6	Physcomitrella STEMIN transcription factor induces stem cell formation with epigenetic reprogramming. Nature Plants, 2019, 5, 681-690.	9.3	32
7	Single-cell transcriptome analysis of Physcomitrella leaf cells during reprogramming using microcapillary manipulation. Nucleic Acids Research, 2019, 47, 4539-4553.	14.5	39
8	A Lin28 homologue reprograms differentiated cells to stem cells in the moss Physcomitrella patens. Nature Communications, 2017, 8, 14242.	12.8	37
9	Cell cycle reentry from the late S phase: implications from stem cell formation in the moss Physcomitrella patens. Journal of Plant Research, 2015, 128, 399-405.	2.4	8
10	<i>WOX13</i>-<i>like</i> genes are required for reprogramming of leaf and protoplast cells into stem cells in the moss <i>Physcomitrella patens</i>. Development (Cambridge), 2014, 141, 1660-1670.	2.5	136
11	System for Stable Î²-Estradiol-Inducible Gene Expression in the Moss Physcomitrella patens. PLoS ONE, 2013, 8, e77356.	2.5	71
12	The Selaginella Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. Science, 2011, 332, 960-963.	12.6	794
13	<i>Physcomitrella</i>Cyclin-Dependent Kinase A Links Cell Cycle Reactivation to Other Cellular Changes during Reprogramming of Leaf Cells Â Â. Plant Cell, 2011, 23, 2924-2938.	6.6	98
14	The ArabidopsisSPA1gene is required for circadian clock function and photoperiodic flowering. Plant Journal, 2006, 46, 736-746.	5.7	47
15	Oncogene 6b from Agrobacterium tumefaciens Induces Abaxial Cell Division at Late Stages of Leaf Development and Modifies Vascular Development in Petioles. Plant and Cell Physiology, 2006, 47, 664-672.	3.1	20
16	The AtNACK1/HINKEL and STUD/TETRASPORE/AtNACK2 genes, which encode functionally redundant kinesins, are essential for cytokinesis in Arabidopsis. Genes To Cells, 2004, 9, 1199-1211.	1.2	121
17	LAF1 ubiquitination by COP1 controls photomorphogenesis and is stimulated by SPA1. Nature, 2003, 423, 995-999.	27.8	446
18	NQK1/NtMEK1 is a MAPKK that acts in the NPK1 MAPKKK-mediated MAPK cascade and is required for plant cytokinesis. Genes and Development, 2003, 17, 1055-1067.	5.9	175

#	Article	IF	Citations
19	Control of plant cytokinesis by an NPK1â€“mediated mitogenâ€“activated protein kinase cascade. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 767-775.	4.0	11
20	Expansion of the Cell Plate in Plant Cytokinesis Requires a Kinesin-like Protein/MAPKKK Complex. Cell, 2002, 109, 87-99.	28.9	223
21	The NPK1 mitogen-activated protein kinase kinase kinase contains a functional nuclear localization signal at the binding site for the NACK1 kinesin-like protein. Plant Journal, 2002, 32, 789-798.	5.7	41
22	The NPK1 mitogen-activated protein kinase kinase kinase is a regulator of cell-plate formation in plant cytokinesis. Genes and Development, 2001, 15, 352-363.	5.9	192
23	MAPKKK-Related protein kinase NPK1: Regulation of the M phase of plant cell cycle. Journal of Plant Research, 1998, 111, 243-246.	2.4	40