

Hirofumi Harashima

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8794153/publications.pdf>

Version: 2024-02-01

23
papers

1,930
citations

361413

20
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2615
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell cycle control across the eukaryotic kingdom. Trends in Cell Biology, 2013, 23, 345-356.	7.9	313
2	Genetic Framework of Cyclin-Dependent Kinase Function in Arabidopsis. Developmental Cell, 2012, 22, 1030-1040.	7.0	177
3	WIND1 Promotes Shoot Regeneration through Transcriptional Activation of <i>ENHANCER OF SHOOT REGENERATION1</i> in Arabidopsis. Plant Cell, 2017, 29, 54-69.	6.6	164
4	PRC2 represses dedifferentiation of mature somatic cells in Arabidopsis. Nature Plants, 2015, 1, 15089.	9.3	160
5	The plant-specific <i>CDKB1</i> – <i>CYCB1</i> complex mediates homologous recombination repair in <i>Arabidopsis</i> . EMBO Journal, 2016, 35, 2068-2086.	7.8	119
6	A General G1/S-Phase Cell-Cycle Control Module in the Flowering Plant <i>Arabidopsis thaliana</i> . PLoS Genetics, 2012, 8, e1002847.	3.5	103
7	The integration of cell division, growth and differentiation. Current Opinion in Plant Biology, 2010, 13, 66-74.	7.1	97
8	RETINOBLASTOMA RELATED1 mediates germline entry in <i>Arabidopsis</i> . Science, 2017, 356, .	12.6	97
9	OSD1 Promotes Meiotic Progression via APC/C Inhibition and Forms a Regulatory Network with TDM and CYCA1;2/TAM. PLoS Genetics, 2012, 8, e1002865.	3.5	93
10	Functional Conservation in the SIAMESE-RELATED Family of Cyclin-Dependent Kinase Inhibitors in Land Plants. Plant Cell, 2015, 27, 3065-3080.	6.6	79
11	Transcriptional Regulation of Arabidopsis Polycomb Repressive Complex 2 Coordinates Cell-Type Proliferation and Differentiation. Plant Cell, 2016, 28, 2616-2631.	6.6	78
12	RETINOBLASTOMA RELATED1 Regulates Asymmetric Cell Divisions in <i>Arabidopsis</i> . Plant Cell, 2012, 24, 4083-4095.	6.6	74
13	The retinoblastoma homolog <i>RBR1</i> mediates localization of the repair protein <i>RAD51</i> to <i>DNA</i> lesions in <i>Arabidopsis</i> . EMBO Journal, 2017, 36, 1279-1297.	7.8	69
14	Integration of developmental and environmental signals into cell proliferation and differentiation through RETINOBLASTOMA-RELATED 1. Current Opinion in Plant Biology, 2016, 29, 95-103.	7.1	46
15	Robust reconstitution of active cell-cycle control complexes from co-expressed proteins in bacteria. Plant Methods, 2012, 8, 23.	4.3	45
16	<i>Arabidopsis</i> RETINOBLASTOMA-RELATED PROTEIN 1 is involved in G1 phase cell cycle arrest caused by sucrose starvation. Plant Molecular Biology, 2008, 66, 259-275.	3.9	43
17	Genome-wide identification of RETINOBLASTOMA RELATED 1 binding sites in Arabidopsis reveals novel DNA damage regulators. PLoS Genetics, 2018, 14, e1007797.	3.5	42
18	TDM1 Regulation Determines the Number of Meiotic Divisions. PLoS Genetics, 2016, 12, e1005856.	3.5	40

#	ARTICLE	IF	CITATIONS
19	Phosphorylation of threonine 161 in plant cyclin-dependent kinase A is required for cell division by activation of its associated kinase. <i>Plant Journal</i> , 2007, 52, 435-448.	5.7	39
20	Identification of kinase substrates by bimolecular complementation assays. <i>Plant Journal</i> , 2012, 70, 348-356.	5.7	25
21	Auxin is required for the assembly of A-type cyclin-dependent kinase complexes in tobacco cell suspension culture. <i>Journal of Plant Physiology</i> , 2007, 164, 1103-1112.	3.5	18
22	Measurement of Plant Cyclin-Dependent Kinase Activity Using Immunoprecipitation-Coupled and Affinity Purification-Based Kinase Assays and the Baculovirus Expression System. <i>Methods in Molecular Biology</i> , 2011, 779, 65-78.	0.9	7
23	A PSTAIRE-type cyclin-dependent kinase controls light responses in land plants. <i>Science Advances</i> , 2022, 8, eabk2116.	10.3	2