Junko Kyozuka

List of Publications by Year
in descending order

55 papers	8,111 citations	172457 29 h-index	206112 48 g-index
57 all docs	57 docs citations	57 times ranked	6167 citing authors

#	Article	IF	Citations
1	Inhibition of shoot branching by new terpenoid plant hormones. Nature, 2008, 455, 195-200.	27.8	1,765
2	Insights into Land Plant Evolution Garnered from the Marchantia polymorpha Genome. Cell, 2017, 171, 287-304.e15.	28.9	973
3	d14, a Strigolactone-Insensitive Mutant of Rice, Shows an Accelerated Outgrowth of Tillers. Plant and Cell Physiology, 2009, 50, 1416-1424.	3.1	560
4	<i>DWARF10</i>, an <i>RMS1/MAX4/DAD1</i> ortholog, controls lateral bud outgrowth in rice. Plant Journal, 2007, 51, 1019-1029.	5.7	533
5	Suppression of Tiller Bud Activity in Tillering Dwarf Mutants of Rice. Plant and Cell Physiology, 2005, 46, 79-86.	3.1	472
6	FRIZZY PANICLE is required to prevent the formation of axillary meristems and to establish floral meristem identity in rice spikelets. Development (Cambridge), 2003, 130, 3841-3850.	2.5	315
7	Overexpression ofRCN1andRCN2, riceTERMINAL FLOWER 1/CENTRORADIALIShomologs, confers delay of phase transition and altered panicle morphology in rice. Plant Journal, 2002, 29, 743-750.	5.7	309
8	FINE CULM1 (FC1) Works Downstream of Strigolactones to Inhibit the Outgrowth of Axillary Buds in Rice. Plant and Cell Physiology, 2010, 51, 1127-1135.	3.1	276
9	Rice <i>ABERRANT PANICLE ORGANIZATION 1</i>, encoding an Fâ€box protein, regulates meristem fate. Plant Journal, 2007, 51, 1030-1040.	5.7	247
10	Inflorescence Meristem Identity in Rice Is Specified by Overlapping Functions of Three <i>AP1</i>/<i>FUL</i>-Like MADS Box Genes and <i>PAP2</i>, a <i>SEPALLATA</i> MADS Box Gene. Plant Cell, 2012, 24, 1848-1859.	6.6	230
11	Structures of <scp>D</scp>14 and <scp>D</scp>14<scp>L</scp> in the strigolactone and karrikin signaling pathways. Genes To Cells, 2013, 18, 147-160.	1.2	221
12	<i>TAWAWA1</i> , a regulator of rice inflorescence architecture, functions through the suppression of meristem phase transition. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 767-772.	7.1	202
13	Strigolactone perception and deactivation by a hydrolase receptor DWARF14. Nature Communications, 2019, 10, 191.	12.8	198
14	PANICLE PHYTOMER2 (PAP2), encoding a SEPALLATA subfamily MADS-box protein, positively controls spikelet meristem identity in rice. Plant and Cell Physiology, 2010, 51, 47-57.	3.1	174
15	Expression Level of<i>ABERRANT PANICLE ORGANIZATION1</i>Determines Rice Inflorescence Form through Control of Cell Proliferation in the Meristem Â. Plant Physiology, 2009, 150, 736-747.	4.8	142
16	The <scp><scp>D3</scp> F</scp>â€box protein is a key component in host strigolactone responses essential for arbuscular mycorrhizal symbiosis. New Phytologist, 2012, 196, 1208-1216.	7.3	134
17	Strigolactone Positively Controls Crown Root Elongation in Rice. Journal of Plant Growth Regulation, 2012, 31, 165-172.	5.1	114
18	Strigolactone Biosynthesis Genes of Rice are Required for the Punctual Entry of Arbuscular Mycorrhizal Fungi into the Roots. Plant and Cell Physiology, 2018, 59, 544-553.	3.1	108

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19	Control of shoot and root meristem function by cytokinin. Current Opinion in Plant Biology, 2007, 10, 442-446.	7.1	95
20	Control of Tiller Growth of Rice by OsSPL14 and Strigolactones, Which Work in Two Independent Pathways. Plant and Cell Physiology, 2012, 53, 1793-1801.	3.1	94
21	Lipid exchanges drove the evolution of mutualism during plant terrestrialization. Science, 2021, 372, 864-868.	12.6	90
22	Recent Advances in Strigolactone Research: Chemical and Biological Aspects. Plant and Cell Physiology, 2012, 53, 1843-1853.	3.1	85
23	Control of grass inflorescence form by the fine-tuning of meristem phase change. Current Opinion in Plant Biology, 2014, 17, 110-115.	7.1	63
24	Downregulation of Rice DWARF 14 LIKE Suppress Mesocotyl Elongation via a Strigolactone Independent Pathway in the Dark. Journal of Genetics and Genomics, 2015, 42, 119-124.	3.9	60
25	The Naming of Names: Guidelines for Gene Nomenclature in<i>Marchantia</i>. Plant and Cell Physiology, 2016, 57, 257-261.	3.1	60
26	BLADE-ON-PETIOLE genes temporally and developmentally regulate the sheath to blade ratio of rice leaves. Nature Communications, 2019, 10, 619.	12.8	60
27	An ancestral function of strigolactones as symbiotic rhizosphere signals. Nature Communications, 2022, 13, .	12.8	55
28	Developmental analysis of the early steps in strigolactoneâ€mediated axillary bud dormancy in rice. Plant Journal, 2019, 97, 1006-1021.	5.7	45
29	Cytokinin Signaling Is Essential for Organ Formation in <i>Marchantia polymorpha</i>. Plant and Cell Physiology, 2019, 60, 1842-1854.	3.1	41
30	Fundamental mechanisms of the stem cell regulation in land plants: lesson from shoot apical cells in bryophytes. Plant Molecular Biology, 2021, 107, 213-225.	3.9	35
31	A conserved regulatory mechanism mediates the convergent evolution of plant shoot lateral organs. PLoS Biology, 2019, 17, e3000560.	5.6	34
32	The bryophytes <i>Physcomitrium patens</i> and <i>Marchantia polymorpha</i> as model systems for studying evolutionary cell and developmental biology in plants. Plant Cell, 2022, 34, 228-246.	6.6	34
33	Phloem Transport of the Receptor DWARF14 Protein Is Required for Full Function of Strigolactones. Plant Physiology, 2016, 172, 1844-1852.	4.8	32
34	Desmethyl butenolides are optimal ligands for karrikin receptor proteins. New Phytologist, 2021, 230, 1003-1016.	7.3	29
35	Major components of the KARRIKIN INSENSITIVE2-dependent signaling pathway are conserved in the liverwort<i>Marchantia polymorpha</i>. Plant Cell, 2021, 33, 2395-2411.	6.6	28
36	Analysis of Rhizome Development in<i>Oryza longistaminata</i>, a Wild Rice Species. Plant and Cell Physiology, 2016, 57, 2213-2220.	3.1	26

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37	Comprehensive panicle phenotyping reveals that qSrn7/FZP influences higher-order branching. Scientific Reports, 2018, 8, 12511.	3.3	25
38	Suppression of Leaf Blade Development by BLADE-ON-PETIOLE Orthologs Is a Common Strategy for Underground Rhizome Growth. Current Biology, 2020, 30, 509-516.e3.	3.9	22
39	Spatial regulation of strigolactone function. Journal of Experimental Botany, 2018, 69, 2255-2264.	4.8	19
40	Plant stem cell research is uncovering the secrets of longevity and persistent growth. Plant Journal, 2021, 106, 326-335.	5.7	19
41	Origins and evolution of the dual functions of strigolactones as rhizosphere signaling molecules and plant hormones. Current Opinion in Plant Biology, 2022, 65, 102154.	7.1	19
42	The origin and evolution of the ALOG proteins, members of a plant-specific transcription factor family, in land plants. Journal of Plant Research, 2020, 133, 323-329.	2.4	16
43	ARF GTPase machinery at the plasma membrane regulates auxin transport-mediated plant growth. Plant Biotechnology, 2018, 35, 155-159.	1.0	15
44	<i>ABERRANT PANICLE ORGANIZATION2</i> controls multiple steps in panicle formation through common direct-target genes. Plant Physiology, 2022, 189, 2210-2226.	4.8	13
45	Letter to the Editor: Author Response - Analysis of Rhizome Development in Oryza longistaminata, a Wild Rice Species. Plant and Cell Physiology, 2017, 58, 1283-1283.	3.1	6
46	BLADE-ON-PETIOLE genes are not involved in the transition from protonema to gametophore in the moss Physcomitrella patens. Journal of Plant Research, 2019, 132, 617-627.	2.4	4
47	NARROW AND DWARF LEAF 1, the Ortholog of <i>Arabidopsis</i> ENHANCER OF SHOOT REGENERATION1/DORNRÃ–SCHEN, Mediates Leaf Development and Maintenance of the Shoot Apical Meristem in <i>Oryza sativa</i> L. Plant and Cell Physiology, 2022, 63, 265-278.	3.1	4
48	Cellular and developmental function of ACAP type ARF-GAP proteins are diverged in plant cells. Plant Biotechnology, 2016, 33, 309-314.	1.0	2
49	Editorial overview: Cell signalling and gene regulation: Another step up the beaten path. Current Opinion in Plant Biology, 2014, 21, iv-vi.	7.1	0
50	A conserved regulatory mechanism mediates the convergent evolution of plant shoot lateral organs. , 2019, 17, e3000560.		0
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