Yutaka Sato

List of Publications by Year in descending order

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24 papers	1,189 citations	687363 13 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1519 citing authors

#	Article	IF	Citations
1	WUSCHEL-related homeobox family genes in rice control lateral root primordium size. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	26
2	Temporal changes in transcripts of miniature invertedâ€repeat transposable elements during rice endosperm development. Plant Journal, 2022, 109, 1035-1047.	5.7	5
3	NARROW AND DWARF LEAF 1, the Ortholog of Arabidopsis ENHANCER OF SHOOT REGENERATION1/DORNRÃ–SCHEN, Mediates Leaf Development and Maintenance of the Shoot Apical Meristem in Oryza sativa L. Plant and Cell Physiology, 2022, 63, 265-278.	3.1	4
4	Measurements of the number of specified and unspecified cells in the shoot apical meristem during a plastochron in rice (Oryza sativa) reveal the robustness of cellular specification process in plant development. PLoS ONE, 2022, 17, e0269374.	2.5	4
5	Collection, preservation and distribution of <i>Oryza</i> genetic resources by the National Bioresource Project RICE (NBRP-RICE). Breeding Science, 2021, 71, 291-298.	1.9	5
6	OryzaGenome2.1: Database of Diverse Genotypes in Wild Oryza Species. Rice, 2021, 14, 24.	4.0	17
7	High-resolution spatiotemporal transcriptome analyses during cellularization of rice endosperm unveil the earliest gene regulation critical for aleurone and starchy endosperm cell fate specification. Journal of Plant Research, 2021, 134, 1061-1081.	2.4	2
8	Mutation of the imprinted geneOsEMF2ainduces autonomous endosperm development and delayed cellularization in rice. Plant Cell, 2021, 33, 85-103.	6.6	23
9	Antagonistic regulation of the gibberellic acid response during stem growth in rice. Nature, 2020, 584, 109-114.	27.8	98
10	Adaptive reduction of male gamete number in the selfing plant Arabidopsis thaliana. Nature Communications, 2020, 11, 2885.	12.8	27
11	Evolution and diversity of the wild rice Oryza officinalis complex, across continents genome types, and ploidy levels. Genome Biology and Evolution, 2020, 12, 413-428.	2.5	17
12	Agrobacterium-Mediated Genetic Transformation of Wild Oryza Species Using Immature Embryos. Rice, 2020, 13, 33.	4.0	25
13	Affinityâ€based highâ€resolution analysis of DNA binding by VASCULARâ€RELATED NACâ€DOMAIN7 via fluorescence correlation spectroscopy. Plant Journal, 2019, 100, 298-313.	5.7	8
14	Perspectives on the use of bioresources in breeding sciences: Lessons from successful studies. Ikushugaku Kenkyu, 2019, 21, 81-85.	0.3	0
15	Specification of the basal region identity after asymmetric zygotic division requires mitogen-activated protein kinase 6 in rice. Development (Cambridge), 2019, 146, .	2.5	12
16	RNAi of the sesquiterpene cyclase gene for phytoalexin production impairs preâ€and postâ€invasive resistance to potato blight pathogens. Molecular Plant Pathology, 2019, 20, 907-922.	4.2	10
17	LEAF LATERAL SYMMETRY1, a Member of the WUSCHEL-RELATED HOMEOBOX3 Gene Family, Regulates Lateral Organ Development Differentially from Other Paralogs, NARROW LEAF2 and NARROW LEAF3 in Rice. Plant and Cell Physiology, 2018, 59, 376-391.	3.1	25
18	Rice <scp>SNF</scp>2 family helicase <scp>ENL</scp>1 is essential for syncytial endosperm development. Plant Journal, 2015, 81, 1-12.	5.7	24

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19	RiceXPro Version 3.0: expanding the informatics resource for rice transcriptome. Nucleic Acids Research, 2013, 41, D1206-D1213.	14.5	312
20	OsIAA13-mediated auxin signaling is involved in lateral root initiation in rice. Plant Science, 2012, 190, 116-122.	3.6	103
21	A method for obtaining high quality RNA from paraffin sections of plant tissues by laser microdissection. Journal of Plant Research, 2010, 123, 807-813.	2.4	106
22	Isolation and characterization of a rice WUSCHEL-type homeobox gene that is specifically expressed in the central cells of a quiescent center in the root apical meristem. Plant Journal, 2003, 35, 429-441.	5.7	231
23	Roles of Rice GL2-type Homeobox Genes in Epidermis Differentiation. Breeding Science, 2003, 53, 245-253.	1.9	27
24	Position dependent expression of GL2-type homeobox gene, Roc1: significance for protoderm differentiation and radial pattern formation in early rice embryogenesis. Plant Journal, 2002, 29, 497-507.	5.7	78