Takeshi Izawa

List of Publications by Year
in descending order

64 papers	9,147 citations	61984 43 h-index	133252 59 g-index
65 all docs	65 docs citations	65 times ranked	6554 citing authors

#	Article	IF	Citations
1	Reloading DNA History in Rice Domestication. Plant and Cell Physiology, 2022, 63, 1529-1539.	3.1	4
2	What is going on with the hormonal control of flowering in plants?. Plant Journal, 2021, 105, 431-445.	5.7	58
3	High Ambient Temperatures Inhibit Ghd7-Mediated Flowering Repression in Rice. Plant and Cell Physiology, 2021, 62, 1745-1759.	3.1	9
4	Real-Time Monitoring of Key Gene Products Involved in Rice Photoperiodic Flowering. Frontiers in Plant Science, 2021, 12, 766450.	3.6	2
5	Genetic Relationship Between Phytochromes and <i>OsELF3â€“1</i> Reveals the Mode of Regulation for the Suppression of Phytochrome Signaling in Rice. Plant and Cell Physiology, 2019, 60, 549-561.	3.1	23
6	Fine-tuning of the setting of critical day length by two casein kinases in rice photoperiodic flowering. Journal of Experimental Botany, 2018, 69, 553-565.	4.8	13
7	Genomic adaptation of floweringâ€time genes during the expansion of rice cultivation area. Plant Journal, 2018, 94, 895-909.	5.7	35
8	Synthetic control of flowering in rice independent of the cultivation environment. Nature Plants, 2017, 3, 17039.	9.3	59
9	Understanding of Rice Domestication Process based on DNA Changes in Domestication-trait Genes.. Journal of the Brewing Society of Japan, 2017, 112, 15-21.	0.3	0
10	<i>Hd1</i>,a <i>CONSTANS</i> ortholog in rice, functions as an <i>Ehd1</i> repressor through interaction with monocotâ€specific CCTâ€domain protein Ghd7. Plant Journal, 2016, 86, 221-233.	5.7	191
11	Punctual Transcriptional Regulation by the Rice Circadian Clock under Fluctuating Field Conditions. Plant Cell, 2015, 27, 633-648.	6.6	69
12	Deciphering and prediction of plant dynamics under field conditions. Current Opinion in Plant Biology, 2015, 24, 87-92.	7.1	18
13	The Birth of a Black Rice Gene and Its Local Spread by Introgression. Plant Cell, 2015, 27, 2401-2414.	6.6	132
14	Critical Gates in Day-Length Recognition to Control the Photoperiodic Flowering. Advances in Botanical Research, 2014, 72, 103-130.	1.1	3
15	The Coincidence of Critical Day Length Recognition for Florigen Gene Expression and Floral Transition under Long-Day Conditions in Rice. Molecular Plant, 2013, 6, 635-649.	8.3	60
16	Deciphering and Prediction of Transcriptome Dynamics under Fluctuating Field Conditions. Cell, 2012, 151, 1358-1369.	28.9	219
17	<i>ABERRANT PANICLE ORGANIZATION 2/RFL</i>, the rice ortholog of Arabidopsis <i>LEAFY</i>, suppresses the transition from inflorescence meristem to floral meristem through interaction with <i>APO1</i>. Plant Journal, 2012, 69, 168-180.	5.7	189
18	Physiological significance of the plant circadian clock in natural field conditions. Plant, Cell and Environment, 2012, 35, 1729-1741.	5.7	26

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19	The<i>COP1</i>Ortholog<i>PPS</i>Regulates the Juvenileâ€“Adult and Vegetativeâ€“Reproductive Phase Changes in Rice Â. Plant Cell, 2011, 23, 2143-2154.	6.6	73
20	A study of phytohormone biosynthetic gene expression using a circadian clock-related mutant in rice. Plant Signaling and Behavior, 2011, 6, 1932-1936.	2.4	13
21	Molecular Dissection of the Roles of Phytochrome in Photoperiodic Flowering in Rice. Plant Physiology, 2011, 157, 1128-1137.	4.8	90
22	Flowering Time Genes Heading date 1 and Early heading date 1 Together Control Panicle Development in Rice. Plant and Cell Physiology, 2011, 52, 1083-1094.	3.1	113
23	Os-<i>GIGANTEA</i> Confers Robust Diurnal Rhythms on the Global Transcriptome of Rice in the Field Â Â. Plant Cell, 2011, 23, 1741-1755.	6.6	184
24	Histological and genetic characteristics associated with the seed-shattering habit of weedy rice (Oryza sativa L.) from Okayama, Japan. Breeding Science, 2011, 61, 168-173.	1.9	20
25	Multiple introgression events surrounding the Hd1 flowering-time gene in cultivated rice, Oryza sativa L.. Molecular Genetics and Genomics, 2010, 284, 137-146.	2.1	51
26	A pair of floral regulators sets critical day length for Hd3a florigen expression in rice. Nature Genetics, 2010, 42, 635-638.	21.4	244
27	SALAD database: a motif-based database of protein annotations for plant comparative genomics. Nucleic Acids Research, 2010, 38, D835-D842.	14.5	64
28	The Role of Casein Kinase II in Flowering Time Regulation Has Diversified during Evolution Â Â. Plant Physiology, 2010, 152, 808-820.	4.8	110
29	DNA changes tell us about rice domestication. Current Opinion in Plant Biology, 2009, 12, 185-192.	7.1	77
30	Photoperiodic Control of Flowering in the Short-Day Plant<i>Oryza sativa</i>. , 2009, , 38-58.		2
31	The Process of Rice Domestication: A New Model Based on Recent Data. Rice, 2008, 1, 127-134.	4.0	34
32	Deletion in a gene associated with grain size increased yields during rice domestication. Nature Genetics, 2008, 40, 1023-1028.	21.4	794
33	Reply to â€œJaponica rice carried to, not from, Southeast Asiaâ€. Nature Genetics, 2008, 40, 1265-1266.	21.4	3
34	Photoperiodic Flowering in Rice. Biotechnology in Agriculture and Forestry, 2008, , 163-176.	0.2	1
35	Inference of the japonica Rice Domestication Process from the Distribution of Six Functional Nucleotide Polymorphisms of Domestication-Related Genes in Various Landraces and Modern Cultivars. Plant and Cell Physiology, 2008, 49, 1283-1293.	3.1	42
36	In Silico Identification of Short Nucleotide Sequences Associated with Gene Expression of Pollen Development in Rice. Plant and Cell Physiology, 2008, 49, 1451-1464.	3.1	13

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37	<i>Ehd2</i>, a Rice Ortholog of the Maize <i>INDETERMINATE1</i> Gene, Promotes Flowering by Up-Regulating <i>Ehd1</i> Â Â. Plant Physiology, 2008, 148, 1425-1435.	4.8	250
38	Adaptation of flowering-time by natural and artificial selection in Arabidopsis and rice. Journal of Experimental Botany, 2007, 58, 3091-3097.	4.8	243
39	Daylength Measurements by Rice Plants in Photoperiodic Shortâ€Day Flowering. International Review of Cytology, 2007, 256, 191-222.	6.2	59
40	An SNP Caused Loss of Seed Shattering During Rice Domestication. Science, 2006, 312, 1392-1396.	12.6	833
41	Comparative Molecular Biology in Photoperiodic Flowering Between the Short-Day Plant Rice and the Long-Day Plant Arabidopsis. , 2005, , 333-337.		1
42	RNAi-mediated Silencing of OsGEN-L (OsGEN-like), a New Member of the RAD2/XPG Nuclease Family, Causes Male Sterility by Defect of Microspore Development in Rice. Plant and Cell Physiology, 2005, 46, 699-715.	3.1	75
43	Ehd1, a B-type response regulator in rice, confers short-day promotion of flowering and controls FT-like gene expression independently of Hd1. Genes and Development, 2004, 18, 926-936.	5.9	758
44	Loss-of-Function Mutations of the Rice GAMYB Gene Impair Î±-Amylase Expression in Aleurone and Flower Development. Plant Cell, 2004, 16, 33-44.	6.6	296
45	Comparative biology comes into bloom: genomic and genetic comparison of flowering pathways in rice and Arabidopsis. Current Opinion in Plant Biology, 2003, 6, 113-120.	7.1	223
46	Phytochrome mediates the external light signal to repress FT orthologs in photoperiodic flowering of rice. Genes and Development, 2002, 16, 2006-2020.	5.9	386
47	Isolation of Rice Genes Possibly Involved in the Photoperiodic Control of Flowering by a Fluorescent Differential Display Method. Plant and Cell Physiology, 2002, 43, 494-504.	3.1	164
48	Light regulation of circadian clock-controlled gene expression in rice. Plant Journal, 2001, 26, 607-615.	5.7	52
49	Phytochromes confer the photoperiodic control of flowering in rice (a short-day plant). Plant Journal, 2000, 22, 391-399.	5.7	219
50	Ac as a tool for the functional genomics of rice. Plant Journal, 1999, 19, 605-613.	5.7	99
51	A naturally occurring functional allele of the rice waxy locus has a GT to TT mutation at the 5' splice site of the first intron. Plant Journal, 1998, 15, 133-138.	5.7	265
52	Down-regulation of RFL, the FLO/LFY homolog of rice, accompanied with panicle branch initiation. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1979-1982.	7.1	186
53	Transposon tagging in rice. Plant Molecular Biology, 1997, 35, 219-229.	3.9	79
54	Transposon tagging in rice. , 1997, , 219-229.		40

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55	Becoming a model plant: The importance of rice to plant science. Trends in Plant Science, 1996, 1, 95-99.	8.8	142
56	The rab16B Promoter of Rice Contains Two Distinct Abscisic Acid-Responsive Elements. Plant Physiology, 1996, 112, 483-491.	4.8	90
57	Plant bZIP proteins gather at ACGT elements. FASEB Journal, 1994, 8, 192-200.	0.5	378
58	The Rice bZIP Transcriptional Activator RITA-1 Is Highly Expressed during Seed Development. Plant Cell, 1994, 6, 1277.	6.6	0
59	Trans-activation and stable integration of the maize transposable element Ds cotransfected with the Ac transposase gene in transgenic rice plants. Molecular Genetics and Genomics, 1993, 239, 354-360.	2.4	57
60	Plant bZIP Protein DNA Binding Specificity. Journal of Molecular Biology, 1993, 230, 1131-1144.	4.2	384
61	Genetically engineered rice resistant to rice stripe virus, an insect-transmitted virus.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9865-9869.	7.1	156
62	Anaerobic induction and tissue-specific expression of maize Adh1 promoter in transgenic rice plants and their progeny. Molecular Genetics and Genomics, 1991, 228, 40-48.	2.4	54
63	Introduction and transposition of the maize transposable element Ac in rice (Oryza sativa L.). Molecular Genetics and Genomics, 1991, 227, 391-396.	2.4	71
64	Fertile transgenic rice plants regenerated from transformed protoplasts. Nature, 1989, 338, 274-276.	27.8	548