Motonori Tomita

List of Publications by Year
in descending order

49 papers	265 citations	1040056 9 h-index	996975 15 g-index
49 all docs	49 docs citations	49 times ranked	172 citing authors

#	Article	IF	Citations
1	Whole-Genome Sequencing Revealed a Late-Maturing Isogenic Rice Koshihikari Integrated with Hd16 Gene Derived from an Ise Shrine Mutant. International Journal of Genomics, 2022, 2022, 1-12.	1.6	1
2	Year-round flowering gene e1, a mutation at the E1 locus on rice chromosome 7 and its combination with green revolution gene sd1 in an isogenic cell line. Gene, 2022, 815, 146166.	2.2	0
3	Gene structure of three kinds of vacuolar-type Na+/H+ antiporters including TaNHX2 transcribed in bread wheat. Genetics and Molecular Biology, 2021, 44, e20200207.	1.3	1
4	ABA-induced serine/threonine protein kinase gene transcribed in rye (Secale cereale L.). Cereal Research Communications, 2021, 49, 21-30.	1.6	1
5	Clustered and dispersed chromosomal distribution of the two classes of Revolver transposon family in rye (Secale cereale). Journal of Applied Genetics, 2021, 62, 365-372.	1.9	0
6	Estimation of Rice Yield Loss Using a Simple Linear Regression Model for Bacterial Blight Disease. Bangladesh Rice Journal, 2020, 23, 73-79.	0.8	7
7	Mapping QTLs underpin nutrition components in aromatic rice germplasm. PLoS ONE, 2020, 15, e0234395.	2.5	13
8	Agro-morphological Characterization of Bangladeshi Aromatic Rice (Oryza sativa L.) Germplasm Based on Qualitative Traits. Bangladesh Rice Journal, 2020, 22, 41-54.	0.8	1
9	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
10	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
11	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
12	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
13	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
14	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
15	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
16	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
17	Identification of Rice Large Grain Gene GW2 by Whole-Genome Sequencing of a Large Grain-Isogenic Line Integrated with Japonica Native Gene and Its Linkage Relationship with the Co-integrated Semidwarf Gene d60 on Chromosome 2. International Journal of Molecular Sciences, 2019, 20, 5442.	4.1	2
18	Rice Novel Semidwarfing Gene d60 Can Be as Effective as Green Revolution Gene sd1. Plants, 2019, 8, 464.	3.5	8

#	Article	IF	Citations
19	Semidwarf Gene d60 Affected by Ubiquitous Gamete Lethal Gene gal Produced Rare Double Dwarf with d30 via Recombination Breaking Repulsion-Phase Linkage on Rice Chromosome 2. Genes, 2019, 10, 874.	2.4	0
20	The Gametic Non-Lethal Gene Gal on Chromosome 5 Is Indispensable for the Transmission of the Co-Induced Semidwarfing Gene d60 in Rice. Biology, 2019, 8, 94.	2.8	2
21	Methodology to identify dwarfing gene d60 that complements gamete lethal gene gal by Next-generation DNA sequencing analysis. Medical Research Archives, 2019, 7, .	0.2	0
22	Genetic Performance of the Semidwarfing Allele<i> sd1</i> Derived from a Japonica Rice Cultivar and Minimum Requirements to Detect Its Single-Nucleotide Polymorphism by MiSeq Whole-Genome Sequencing. BioMed Research International, 2018, 2018, 1-7.	1.9	11
23	Thinopyrum ponticum Chromatin-Integrated Wheat Genome Shows Salt-Tolerance at Germination Stage. International Journal of Molecular Sciences, 2015, 16, 4512-4517.	4.1	8
24	Identification of an Isogenic Semidwarf Rice Cultivar Carrying the Green Revolution sd1 Gene by Multiplex Codominant ASP-PCR and SSR Markers. Biochemical Genetics, 2013, 51, 530-542.	1.7	6
25	Thinopyrum 7Ai-1-derived small chromatin with Barley Yellow Dwarf Virus (BYDV) resistance gene integrated into the wheat genome with retrotransposon. Cytology and Genetics, 2013, 47, 1-7.	0.5	9
26	Combining two semidwarfing genes<i>d60</i>and<i>sd1</i>for reduced height in â€˜Minihikariâ€™, a new rice germplasm in the â€˜Koshihikariâ€™ genetic background. Genetical Research, 2012, 94, 235-244.	0.9	7
27	Rye chromosome-specific polymerase chain reaction products developed by primers designed from the EcoO109I recognition site. Genome, 2012, 55, 370-382.	2.0	8
28	Genomic, RNA, and ecological divergences of the Revolvertransposon-like multi-gene family in Triticeae. BMC Evolutionary Biology, 2011, 11, 269.	3.2	8
29	Revolver and Superior: Novel Transposon-Like Gene Families of the Plant Kingdom. Current Genomics, 2010, 11, 62-69.	1.6	3
30	Long-culm mutations with dominant genes are induced by mPing transposon in rice. Hereditas, 2010, 147, 256-263.	1.4	1
31	Effective Isolation of Retrotransposons and Repetitive DNA Families from the Wheat Genome. Journal of Integrative Plant Biology, 2010, 52, 679-691.	8.5	3
32	Kpn I-repetitive DNA element tandemly clustered on subtelomeric regions of Triticeae genome. Caryologia, 2010, 63, 91-98.	0.3	0
33	Centromeric distribution of 350-family in<i>Dasypyrum villosum</i>and its application to identifying<i>Dasypyrum</i>chromatin in the wheat genome. Hereditas, 2009, 146, 58-66.	1.4	32
34	Genomic Subtraction Recovers Rye-Specific DNA Elements Enriched in the Rye Genome. Molecular Biotechnology, 2009, 42, 160-167.	2.4	10
35	Introgression of Green Revolution sd1 gene into isogenic genome of rice super cultivar Koshihikari to create novel semidwarf cultivar â€˜Hikarishinseikiâ€™ (Koshihikari-sd1). Field Crops Research, 2009, 114, 173-181.	5.1	23
36	<i>Superior</i>: A Novel Repetitive DNA Element Dispersed in the Rye Genome. Cytogenetic and Genome Research, 2009, 125, 306-320.	1.1	8

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37	Quantitative variation of Revolver transposon-like genes in synthetic wheat and their structural relationship with the LARD element. Breeding Science, 2009, 59, 629-636.	1.9	4
38	Revolver is a New Class of Transposon-like Gene Composing the Triticeae Genome. DNA Research, 2008, 15, 49-62.	3.4	26
39	Lodging-related Characteristics of Hikari-Shinseiki, an Isogenic Variety of Koshihikari. Japanese Journal of Crop Science, 2008, 77, 505-510.	0.2	0
40	Title is missing!. Euphytica, 2003, 132, 167-174.	1.2	27
41	Positive effect of the high-molecular-weight glutenin allele, Glu-D1d, on the bread-making quality of common wheat. Plant Breeding, 2003, 122, 279-280.	1.9	5
42	Production of Somatic Hybrid Plants between Japanese Bunching Onion(Allium fistulosum L.) and Bulb Onion(A. cepa L.) via Electrofusion.. Journal of the Japanese Society for Horticultural Science, 2002, 71, 623-631.	0.5	7
43	Establishment of Culture Medium for Protoplasts and Plant Regeneration in Japanese Bunching Onion (Allium fistulosum L.).. Journal of the Japanese Society for Horticultural Science, 2001, 70, 431-437.	0.5	3
44	Cytogenetic and Molecular Markers Mapping of Translocations in the Wheat Cultivar Shirodaruma and Its Ancestor Daruma.. Cytologia, 1998, 63, 115-124.	0.6	0
45	Introduction of multi-alien chromatins carrying different powdery mildew-resistant genes from rye and Haynaldia villosa into wheat genome.. Genes and Genetic Systems, 1998, 73, 377-384.	0.7	4
46	Identification and Breeding Significance of Translocated Chromosomes in a Japanese Common Wheat Variety Eshimashinriki.. Breeding Science, 1994, 44, 391-396.	0.2	0
47	Detection and Identification of Chromosomal Translocations in Japanese Common Wheat Varieties.. Breeding Science, 1992, 42, 573-582.	0.2	5
48	Gene analysis for the semidwarfism of two mutant strains, Hokuriku 100 and Kanto 79, induced from a rice variety Koshihikari. Studies on the utility of artificial mutations in plant breeding XVIII.. Breeding Science, 1990, 40, 103-117.	0.2	10
49	Transcription of Rice Green Revolution Gene <i>sd1</i> is Clarified by Comparative RNA Diagnosis Using the Isogenic Background. Genomics and Applied Biology, 0, , .	0.0	1