

# Motonori Tomita

## List of Publications by Year in descending order

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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	Centromeric distribution of 350-family in <i>Dasypyrum villosum</i> and its application to identifying <i>Dasypyrum</i> chromatin in the wheat genome. <i>Hereditas</i> , 2009, 146, 58-66.	1.4	32
2	Title is missing!. <i>Euphytica</i> , 2003, 132, 167-174.	1.2	27
3	Revolver is a New Class of Transposon-like Gene Composing the Triticeae Genome. <i>DNA Research</i> , 2008, 15, 49-62.	3.4	26
4	Introgression of Green Revolution <i>sd1</i> gene into isogenic genome of rice super cultivar Koshihikari to create novel semidwarf cultivar "Hikarishinseiki" (Koshihikari- <i>sd1</i> ). <i>Field Crops Research</i> , 2009, 114, 173-181.	5.1	23
5	Mapping QTLs underpin nutrition components in aromatic rice germplasm. <i>PLoS ONE</i> , 2020, 15, e0234395.	2.5	13
6	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. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	11
7	Genomic Subtraction Recovers Rye-Specific DNA Elements Enriched in the Rye Genome. <i>Molecular Biotechnology</i> , 2009, 42, 160-167.	2.4	10
8	Gene analysis for the semidwarfism of two mutant strains, Hokuriku 100 and Kanto 79, induced from a rice variety Koshihikari. <i>Studies on the utility of artificial mutations in plant breeding XVIII.. Breeding Science</i> , 1990, 40, 103-117.	0.2	10
9	<i>Thinopyrum</i> 7Ai-1-derived small chromatin with Barley Yellow Dwarf Virus (BYDV) resistance gene integrated into the wheat genome with retrotransposon. <i>Cytology and Genetics</i> , 2013, 47, 1-7.	0.5	9
10	&lt;i>Superior&lt;/i>: A Novel Repetitive DNA Element Dispersed in the Rye Genome. <i>Cytogenetic and Genome Research</i> , 2009, 125, 306-320.	1.1	8
11	Genomic, RNA, and ecological divergences of the Revolvertransposon-like multi-gene family in Triticeae. <i>BMC Evolutionary Biology</i> , 2011, 11, 269.	3.2	8
12	Rye chromosome-specific polymerase chain reaction products developed by primers designed from the EcoO109I recognition site. <i>Genome</i> , 2012, 55, 370-382.	2.0	8
13	<i>Thinopyrum ponticum</i> Chromatin-Integrated Wheat Genome Shows Salt-Tolerance at Germination Stage. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4512-4517.	4.1	8
14	Rice Novel Semidwarfing Gene <i>d60</i> Can Be as Effective as Green Revolution Gene <i>sd1</i> . <i>Plants</i> , 2019, 8, 464.	3.5	8
15	Production of Somatic Hybrid Plants between Japanese Bunching Onion ( <i>Allium fistulosum</i> L.) and Bulb Onion ( <i>A. cepa</i> L.) via Electrofusion.. <i>Journal of the Japanese Society for Horticultural Science</i> , 2002, 71, 623-631.	0.5	7
16	Combining two semidwarfing genes <i>d60</i> and <i>sd1</i> for reduced height in "Minihikari", a new rice germplasm in the "Koshihikari" genetic background. <i>Genetical Research</i> , 2012, 94, 235-244.	0.9	7
17	Estimation of Rice Yield Loss Using a Simple Linear Regression Model for Bacterial Blight Disease. <i>Bangladesh Rice Journal</i> , 2020, 23, 73-79.	0.8	7
18	Identification of an Isogenic Semidwarf Rice Cultivar Carrying the Green Revolution <i>sd1</i> Gene by Multiplex Codominant ASP-PCR and SSR Markers. <i>Biochemical Genetics</i> , 2013, 51, 530-542.	1.7	6

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19	Positive effect of the high-molecular-weight glutenin allele, Glu-D1d, on the bread-making quality of common wheat. <i>Plant Breeding</i> , 2003, 122, 279-280.	1.9	5
20	Detection and Identification of Chromosomal Translocations in Japanese Common Wheat Varieties.. <i>Breeding Science</i> , 1992, 42, 573-582.	0.2	5
21	Introduction of multi-alien chromatins carrying different powdery mildew-resistant genes from rye and <i>Haynaldia villosa</i> into wheat genome.. <i>Genes and Genetic Systems</i> , 1998, 73, 377-384.	0.7	4
22	Quantitative variation of Revolver transposon-like genes in synthetic wheat and their structural relationship with the LARD element. <i>Breeding Science</i> , 2009, 59, 629-636.	1.9	4
23	Revolver and Superior: Novel Transposon-Like Gene Families of the Plant Kingdom. <i>Current Genomics</i> , 2010, 11, 62-69.	1.6	3
24	Effective Isolation of Retrotransposons and Repetitive DNA Families from the Wheat Genome. <i>Journal of Integrative Plant Biology</i> , 2010, 52, 679-691.	8.5	3
25	Establishment of Culture Medium for Protoplasts and Plant Regeneration in Japanese Bunching Onion ( <i>Allium fistulosum</i> L.).. <i>Journal of the Japanese Society for Horticultural Science</i> , 2001, 70, 431-437.	0.5	3
26	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. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5442.	4.1	2
27	The Gametic Non-Lethal Gene Gal on Chromosome 5 Is Indispensable for the Transmission of the Co-Induced Semidwarfing Gene d60 in Rice. <i>Biology</i> , 2019, 8, 94.	2.8	2
28	Long-culm mutations with dominant genes are induced by mPing transposon in rice. <i>Hereditas</i> , 2010, 147, 256-263.	1.4	1
29	Gene structure of three kinds of vacuolar-type Na <sup>+</sup> /H <sup>+</sup> antiporters including TaNHX2 transcribed in bread wheat. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200207.	1.3	1
30	ABA-induced serine/threonine protein kinase gene transcribed in rye ( <i>Secale cereale</i> L.). <i>Cereal Research Communications</i> , 2021, 49, 21-30.	1.6	1
31	Transcription of Rice Green Revolution Gene <i>sd1</i> is Clarified by Comparative RNA Diagnosis Using the Isogenic Background. <i>Genomics and Applied Biology</i> , 0, , .	0.0	1
32	Agro-morphological Characterization of Bangladeshi Aromatic Rice ( <i>Oryza sativa</i> L.) Germplasm Based on Qualitative Traits. <i>Bangladesh Rice Journal</i> , 2020, 22, 41-54.	0.8	1
33	Whole-Genome Sequencing Revealed a Late-Maturing Isogenic Rice Koshihikari Integrated with Hd16 Gene Derived from an Ise Shrine Mutant. <i>International Journal of Genomics</i> , 2022, 2022, 1-12.	1.6	1
34	Cytogenetic and Molecular Markers Mapping of Translocations in the Wheat Cultivar Shirodaruma and Its Ancestor Daruma.. <i>Cytologia</i> , 1998, 63, 115-124.	0.6	0
35	Kpn I-repetitive DNA element tandemly clustered on subtelomeric regions of Triticeae genome. <i>Caryologia</i> , 2010, 63, 91-98.	0.3	0
36	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. <i>Genes</i> , 2019, 10, 874.	2.4	0

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37	Clustered and dispersed chromosomal distribution of the two classes of Revolver transposon family in rye ( <i>Secale cereale</i> ). <i>Journal of Applied Genetics</i> , 2021, 62, 365-372.	1.9	0
38	Lodging-related Characteristics of Hikari-Shinseiki, an Isogenic Variety of Koshihikari. <i>Japanese Journal of Crop Science</i> , 2008, 77, 505-510.	0.2	0
39	Identification and Breeding Significance of Translocated Chromosomes in a Japanese Common Wheat Variety Eshimashinriki.. <i>Breeding Science</i> , 1994, 44, 391-396.	0.2	0
40	Methodology to identify dwarfing gene d60 that complements gamete lethal gene gal by Next-generation DNA sequencing analysis. <i>Medical Research Archives</i> , 2019, 7, .	0.2	0
41	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. <i>Gene</i> , 2022, 815, 146166.	2.2	0
42	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
43	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
44	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
45	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
46	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
47	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
48	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0
49	Mapping QTLs underpin nutrition components in aromatic rice germplasm. , 2020, 15, e0234395.		0