

Yoshinari Moriguchi

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A second generation framework for the analysis of microsatellites in expressed sequence tags and the development of EST-SSR markers for a conifer, <i>Cryptomeria japonica</i> . <i>BMC Genomics</i> , 2012, 13, 136.	2.8	69
2	The construction of a high-density linkage map for identifying SNP markers that are tightly linked to a nuclear-recessive major gene for male sterility in <i>Cryptomeria japonica</i> D. Don. <i>BMC Genomics</i> , 2012, 13, 95.	2.8	57
3	Evidence for cryptic northern refugia in the last glacial period in <i>Cryptomeria japonica</i> . <i>Annals of Botany</i> , 2014, 114, 1687-1700.	2.9	53
4	Genetic Differentiation and Evolutionary Adaptation in <i>Cryptomeria japonica</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2389-2402.	1.8	46
5	Demonstration of Genome-Wide Association Studies for Identifying Markers for Wood Property and Male Strobili Traits in <i>Cryptomeria japonica</i> . <i>PLoS ONE</i> , 2013, 8, e79866.	2.5	44
6	A high-density linkage map with 2560 markers and its application for the localization of the male-sterile genes <i>ms3</i> and <i>ms4</i> in <i>Cryptomeria japonica</i> D. Don. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	1.6	33
7	Fine mapping of the male-sterile genes (<i>MS1</i> , <i>MS2</i> , <i>MS3</i> , and <i>MS4</i>) and development of SNP markers for marker-assisted selection in Japanese cedar (<i>Cryptomeria japonica</i> D. Don). <i>PLoS ONE</i> , 2018, 13, e0206695.	2.5	23
8	Establishment of a microsatellite panel covering the sugi (<i>Cryptomeria japonica</i>) genome, and its application for localization of a male-sterile gene (<i>ms-2</i>). <i>Molecular Breeding</i> , 2014, 33, 315-325.	2.1	22
9	Identification and genetic diversity analysis of a male-sterile gene (<i>MS1</i>) in Japanese cedar (<i>Cryptomeria japonica</i>) Tj ETQq1 1 0,784314 rgBT / O 3.3 20	1.0	14
10	Scanning RNA-Seq and RAD-Seq approach to develop SNP markers closely linked to <i>MALE STERILITY 1</i> (<i>MS1</i>) in <i>Cryptomeria japonica</i> D. Don. <i>Breeding Science</i> , 2019, 69, 19-29.	1.9	18
11	Characterization of EST-SSRs from <i>Cryptomeria japonica</i> . <i>Conservation Genetics Resources</i> , 2009, 1, 373-376.	0.8	15
12	Marker-Assisted Selection of Trees with <i>MALE STERILITY 1</i> in <i>Cryptomeria japonica</i> D. Don. <i>Forests</i> , 2020, 11, 734.	2.1	15
13	Factors Influencing Somatic Embryo Maturation in Sugi (Japanese Cedar, <i>Cryptomeria japonica</i> (Thunb.) Tj ETQq1 1 0,784314 rgBT / O 3.5 13	1.0	14
14	A simple allele-specific PCR marker for identifying male-sterile trees: Towards DNA marker-assisted selection in the <i>Cryptomeria japonica</i> breeding program. <i>Tree Genetics and Genomes</i> , 2014, 10, 1069-1077.	1.6	12
15	Genotype and transcriptome effects on somatic embryogenesis in <i>Cryptomeria japonica</i> . <i>PLoS ONE</i> , 2020, 15, e0244634.	2.5	12
16	The Contribution of Pollen Germination Rates to Uneven Paternity Among Polycrosses of <i>Cryptomeria japonica</i> . <i>Silvae Genetica</i> , 2009, 58, 139-144.	0.8	12
17	Development of diagnostic PCR and LAMP markers for <i>MALE STERILITY 1</i> (<i>MS1</i>) in <i>Cryptomeria japonica</i> D. Don. <i>BMC Research Notes</i> , 2020, 13, 457.	1.4	10
18	Somatic Embryogenesis and Plant Regeneration from Sugi (Japanese Cedar, <i>Cryptomeria japonica</i> D.) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 2020, 9, 1029.	3.5	10

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19	Pyramiding of male-sterile genes in <i>Cryptomeria japonica</i> D. Don with the aid of closely linked markers. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	7
20	An improved pollen number counting method using a cell counter and mesh columns. <i>Plant Methods</i> , 2020, 16, 124.	4.3	6
21	Construction of a reference transcriptome for the analysis of male sterility in sugi (<i>Cryptomeria</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.5 6	2.5	6
22	Somatic Embryogenesis Initiation in Sugi (Japanese Cedar, <i>Cryptomeria japonica</i> D. Don): Responses from Male-Fertile, Male-Sterile, and Polycross-Pollinated-Derived Seed Explants. <i>Plants</i> , 2021, 10, 398.	3.5	6
23	Factors Affecting the Number of Pollen Grains per Male Strobilus in Japanese Cedar (<i>Cryptomeria</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.5 6	3.5	6
24	Efficient low-cost marker-assisted selection of trees with MALE STERILITY 1 (MS1) in Japanese cedar (<i>Cryptomeria japonica</i> D. Don) using bulk DNA samples. <i>Tree Genetics and Genomes</i> , 2022, 18, .	1.6	5
25	Marker-Assisted Selection for Pollen-Free Somatic Plants of Sugi (Japanese Cedar, <i>Cryptomeria</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.6 4 <i>Frontiers in Plant Science</i> , 2021, 12, 748110.	3.6	4
26	Comparison of Traits between Male Sterile and Fertile <i>Cryptomeria japonica</i> D. Don Trees in Selected Stands.. <i>Journal of the Japanese Forest Society</i> , 2009, 91, 290-294.	0.2	3
27	Development and characterization of polymorphic microsatellite markers for <i>Neolitsea sericea</i> using Illumina paired-end draft sequencing data. <i>Plant Species Biology</i> , 2016, 31, 163-166.	1.0	3
28	Evidence of clonal propagation in <i>Cryptomeria japonica</i> D. Don distributed on Pacific Ocean side in Japan. <i>Silvae Genetica</i> , 2017, 66, 43-46.	0.8	3
29	Selection of Trees with Male Sterile Genes Except for MALE STERILITY 1 in <i>Cryptomeria japonica</i> D. Don. <i>Journal of the Japanese Forest Society</i> , 2021, 103, 161-167.	0.2	1
30	Plant Regeneration and In Vitro Growth Performance of Male-Sterile Somatic Plantlets of Sugi (Japanese Cedar, <i>Cryptomeria japonica</i>) Derived from Different Embryogenic Cell Lines. <i>Forests</i> , 2021, 12, 1592.	2.1	1
31	An Improved and Simplified Propagation System for Pollen-Free Sugi (<i>Cryptomeria japonica</i>) via Somatic Embryogenesis. <i>Frontiers in Plant Science</i> , 2022, 13, 825340.	3.6	1
32	Genetic evaluation of <i>Cryptomeria japonica</i> breeding materials for male-sterile trees. <i>Silvae Genetica</i> , 2019, 68, 67-72.	0.8	0