

Siming Gan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

358
citations

759233

12
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Î²-tubulin affects cellulose microfibril orientation in plant secondary fibre cell walls. <i>Plant Journal</i> , 2007, 51, 717-726.	5.7	76
2	Moderate-density molecular maps of <i>Eucalyptus urophylla</i> S. T. Blake and <i>E. tereticornis</i> Smith genomes based on RAPD markers. <i>Genetica</i> , 2003, 118, 59-67.	1.1	35
3	Genetic diversity analysis of a breeding population of <i>Eucalyptus cloeziana</i> F. Muell. (Myrtaceae) and extraction of a core germplasm collection using microsatellite markers. <i>Industrial Crops and Products</i> , 2020, 145, 112157.	5.2	27
4	Genetic parameters for growth and wood mechanical properties in <i>Eucalyptus cloeziana</i> F. Muell.. <i>New Forests</i> , 2017, 48, 33-49.	1.7	24
5	Development of 240 novel EST-SSRs in <i>Eucalyptus</i> Lâ€™™HÃ©rit. <i>Molecular Breeding</i> , 2014, 33, 221-225.	2.1	23
6	Development of 198 novel ESTâ€derived microsatellites in <i>Eucalyptus</i> (Myrtaceae). <i>American Journal of Botany</i> , 2012, 99, e134-48.	1.7	22
7	Genetic parameters for growth and wood chemical properties in <i>Eucalyptus urophylla</i> Ã– E. <i>tereticornis</i> hybrids. <i>Annals of Forest Science</i> , 2018, 75, 1.	2.0	18
8	Comparative Genomics Analyses Reveal Extensive Chromosome Colinearity and Novel Quantitative Trait Loci in <i>Eucalyptus</i> . <i>PLoS ONE</i> , 2015, 10, e0145144.	2.5	17
9	A male-specific SCAR marker in <i>Calamus simplicifolius</i> , a dioecious rattan species endemic to China. <i>Molecular Breeding</i> , 2010, 25, 549-551.	2.1	16
10	Genome scans for divergent selection in natural populations of the widespread hardwood species <i>Eucalyptus grandis</i> (Myrtaceae) using microsatellites. <i>Scientific Reports</i> , 2016, 6, 34941.	3.3	16
11	Genotypic Variation and Genotype-by-Environment Interactions in Growth and Wood Properties in a Cloned <i>Eucalyptus urophylla</i> Ã– E. <i>tereticornis</i> Family in Southern China. <i>Forest Science</i> , 2018, 64, 225-232.	1.0	16
12	Quantitative genetics of cold hardiness and growth in <i>Eucalyptus</i> as estimated from <i>E. urophylla</i> Ã–Ã–Ã–E. <i>tereticornis</i> hybrids. <i>New Forests</i> , 2012, 43, 383-394.	1.7	14
13	The first identification of genomic loci in plants associated with resistance to galling insects: a case study in <i>Eucalyptus</i> L'HÃ©r. (Myrtaceae). <i>Scientific Reports</i> , 2018, 8, 2319.	3.3	11
14	A novel set of 223 EST-SSR markers in <i>Casuarina</i> L. ex Adans.: polymorphisms, cross-species transferability, and utility for commercial clone genotyping. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	1.6	10
15	Identification of novel miRNAs and their target genes in <i>Eucalyptus grandis</i> . <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	1.6	10
16	Genome-wide analysis of the TPX2 family proteins in <i>Eucalyptus grandis</i> . <i>BMC Genomics</i> , 2016, 17, 967.	2.8	8
17	DiSNPindel: improved intra-individual SNP and InDel detection in direct amplicon sequencing of a diploid. <i>BMC Bioinformatics</i> , 2015, 16, 343.	2.6	4
18	A novel set of EST-InDel markers in <i>Eucalyptus</i> Lâ€™™HÃ©rit.: polymorphisms, cross-species amplification, physical positions and genetic mapping. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	3

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19	Enhanced correlations of EST-SSR-based genetic distance with hybrid performance, specific hybridizing ability, and heterosis using effect-increasing and effect-decreasing alleles: a case study in <i>Eucalyptus</i> . <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	3
20	Association of microsatellite markers with growth and wood mechanical traits in <i>Eucalyptus cloeziana</i> F. Muell. (Myrtaceae). <i>Industrial Crops and Products</i> , 2020, 154, 112702.	5.2	3
21	Generation and analysis of expressed sequence tags for microsatellite marker development in <i>Calamus simplicifolius</i> C. F. Wei. <i>Molecular Breeding</i> , 2013, 31, 867-877.	2.1	1
22	Genetic parameters for growth and Quambalaria shoot blight resistance in <i>Corymbia citriodora</i> subsp. <i>variegata</i> . <i>Euphytica</i> , 2021, 217, 1.	1.2	1
23	Transcriptome-derived microsatellite markers for population diversity analysis in <i>Archidendron clypearia</i> (Jack) I.C. Nielsen. <i>Molecular Biology Reports</i> , 2021, 48, 8255-8260.	2.3	0