

Birgit Kersten

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

598
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758635

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988
citing authors

#	ARTICLE	IF	CITATIONS
1	A single gene underlies the dynamic evolution of poplar sex determination. <i>Nature Plants</i> , 2020, 6, 630-637.	4.7	138
2	A Reference Genome Sequence for the European Silver Fir (<i>Abies alba</i> Mill.): A Community-Generated Genomic Resource. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2039-2049.	0.8	53
3	Genome Sequences of <i>Populus tremula</i> Chloroplast and Mitochondrion: Implications for Holistic Poplar Breeding. <i>PLoS ONE</i> , 2016, 11, e0147209.	1.1	48
4	Complete Chloroplast Genome Sequences of Four Meliaceae Species and Comparative Analyses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 701.	1.8	37
5	Integrated transcriptomics and metabolomics decipher differences in the resistance of pedunculate oak to the herbivore <i>Tortrix viridana</i> L.. <i>BMC Genomics</i> , 2013, 14, 737.	1.2	35
6	Development of Molecular Markers for Determining Continental Origin of Wood from White Oaks (<i>Quercus</i> L. sect. <i>Quercus</i>). <i>PLoS ONE</i> , 2016, 11, e0158221.	1.1	34
7	Whole-genome draft assembly of <i>Populus tremula</i> x <i>P. alba</i> clone INRA 717-1B4. <i>Silvae Genetica</i> , 2016, 65, 74-79.	0.4	29
8	The Diversity and Dynamics of Sex Determination in Dioecious Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 580488.	1.7	29
9	High Level of Conservation of Mitochondrial RNA Editing Sites Among Four <i>Populus</i> Species. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 709-717.	0.8	26
10	Genomics of sex determination in dioecious trees and woody plants. <i>Trees - Structure and Function</i> , 2017, 31, 1113-1125.	0.9	23
11	A set of SNP markers for timber tracking of <i>Larix</i> spp. in Europe and Russia. <i>Forestry</i> , 2018, 91, 614-628.	1.2	20
12	ARR17 controls dioecy in <i>Populus</i> by repressing B-class MADS-box gene expression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210217.	1.8	16
13	European oak chemical diversity “ from ecotypes to herbivore resistance. <i>New Phytologist</i> , 2021, 232, 818-834.	3.5	14
14	Development of nuclear, chloroplast and mitochondrial SNP markers for <i>Khaya</i> sp.. <i>Conservation Genetics Resources</i> , 2016, 8, 283-297.	0.4	13
15	Knockdown of PCBER1, a gene of neolignan biosynthesis, resulted in increased poplar growth. <i>Planta</i> , 2019, 249, 515-525.	1.6	13
16	Mitochondrial Genome of <i>Fagus sylvatica</i> L. as a Source for Taxonomic Marker Development in the Fagales. <i>Plants</i> , 2020, 9, 1274.	1.6	11
17	Development of nuclear SNP markers for the timber tracking of the African tree species <i>Sapelli</i> , <i>Entandrophragma cylindricum</i> . <i>Conservation Genetics Resources</i> , 2018, 10, 539-541.	0.4	10
18	Development of Multiplexed Marker Sets to Identify the Most Relevant Poplar Species for Breeding. <i>Forests</i> , 2017, 8, 492.	0.9	9

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19	The complete chloroplast genome sequence of <i>Fagus sylvatica</i> L. (Fagaceae). Mitochondrial DNA Part B: Resources, 2019, 4, 1818-1819.	0.2	7
20	The genetic basis of sex determination in <i>Populus</i> provides molecular markers across the genus and indicates convergent evolution. <i>Silvae Genetica</i> , 2021, 70, 145-155.	0.4	7
21	Development of mitochondrial SNP markers in different <i>Populus</i> species. <i>Trees - Structure and Function</i> , 2015, 29, 575-582.	0.9	6
22	Long-term study of a subdioecious <i>Populus</i> — <i>canescens</i> family reveals sex lability of females and reproduction behaviour of cosexual plants. <i>Plant Reproduction</i> , 2020, 33, 1-17.	1.3	5
23	RNA-seq of eight different poplar clones reveals conserved up-regulation of gene expression in response to insect herbivory. <i>BMC Genomics</i> , 2019, 20, 673.	1.2	3
24	Selfing of a single monoecious <i>Populus tremula</i> tree produces viable males, females and "supermales". <i>Trees - Structure and Function</i> , 2019, 33, 803-816.	0.9	3
25	The complete chloroplast genome sequence of <i>Pinus cembra</i> L. (Pinaceae). Mitochondrial DNA Part B: Resources, 2019, 4, 4202-4203.	0.2	3
26	Sequencing of two transgenic early-flowering poplar lines confirmed vector-free single-locus T-DNA integration. <i>Transgenic Research</i> , 2020, 29, 321-337.	1.3	3
27	Short note: Development of a new set of SNP markers to measure genetic diversity and genetic differentiation of Mongolian oak (<i>Quercus mongolica</i> Fisch. ex Ledeb.) in the Far East of Russia. <i>Silvae Genetica</i> , 2019, 68, 85-91.	0.4	2
28	Development of nuclear SNP markers for Mahogany (<i>Swietenia</i> spp.). <i>Conservation Genetics Resources</i> , 2020, 12, 585-587.	0.4	1