

# Carol A Loopstra

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,626  
citations

393982  
19  
h-index

454577  
30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding the massive genome of loblolly pine using haploid DNA and novel assembly strategies. <i>Genome Biology</i> , 2014, 15, R59.	13.9	424
2	Unique Features of the Loblolly Pine ( <i>Pinus taeda</i> L.) Megagenome Revealed Through Sequence Annotation. <i>Genetics</i> , 2014, 196, 891-909.	1.2	207
3	Sequence of the Sugar Pine Megagenome. <i>Genetics</i> , 2016, 204, 1613-1626.	1.2	169
4	Extended Host Range of <i>Agrobacterium tumefaciens</i> in the Genus <i>Pinus</i> . <i>Plant Physiology</i> , 1990, 92, 1226-1232.	2.3	67
5	Xylem-specific gene expression in loblolly pine. <i>Plant Molecular Biology</i> , 1995, 27, 277-291.	2.0	65
6	An arabinogalactan protein associated with secondary cell wall formation in differentiating xylem of loblolly pine. <i>Plant Molecular Biology</i> , 2003, 52, 91-102.	2.0	65
7	<i>Agrobacterium</i> -mediated DNA transfer in sugar pine. <i>Plant Molecular Biology</i> , 1990, 15, 1-9.	2.0	54
8	Exome genotyping, linkage disequilibrium and population structure in loblolly pine ( <i>Pinus taeda</i> L.). <i>BMC Genomics</i> , 2016, 17, 730.	1.2	53
9	Assessing the Gene Content of the Megagenome: Sugar Pine ( <i>Pinus lambertiana</i> ). G3: Genes, Genomes, <i>Genetics</i> , 2016, 6, 3787-3802.	0.8	51
10	Purification and cloning of an arabinogalactan-protein from xylem of loblolly pine. <i>Planta</i> , 2000, 210, 686-689.	1.6	45
11	Genetic diversity and population structure of <i>Picea glauca</i> on an altitudinal gradient in interior Alaska. <i>Canadian Journal of Forest Research</i> , 1987, 17, 1519-1526.	0.8	43
12	The Evolutionary Genetics of the Genes Underlying Phenotypic Associations for Loblolly Pine ( <i>Pinus taeda</i> , Pinaceae). <i>Genetics</i> , 2013, 195, 1353-1372.	1.2	41
13	Seasonal variation in gene expression for loblolly pines ( <i>Pinus taeda</i> ) from different geographical regions. <i>Tree Physiology</i> , 2005, 25, 1063-1073.	1.4	40
14	Microarray analysis of genes preferentially expressed in differentiating xylem of loblolly pine ( <i>Pinus</i> )	1.7	35
15	Association genetics of growth and adaptive traits in loblolly pine ( <i>Pinus taeda</i> L.) using whole-exome-discovered polymorphisms. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	0.6	29
16	Real-time RT-PCR analysis of loblolly pine ( <i>Pinus taeda</i> ) arabinogalactan-protein and arabinogalactan-protein-like genes. <i>Physiologia Plantarum</i> , 2005, 124, 91-106.	2.6	27
17	Natural variation in expression of genes involved in xylem development in loblolly pine ( <i>Pinus taeda</i> )	0.6	27
18	Detecting the genetic basis of local adaptation in loblolly pine ( <i>Pinus taeda</i> L.) using whole exome-wide genotyping and an integrative landscape genomics analysis approach. <i>Ecology and Evolution</i> , 2019, 9, 6798-6809.	0.8	25

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19	Two Pine Endo-1,4-Glucanases Are Associated with Rapidly Growing Reproductive Structures. <i>Plant Physiology</i> , 1998, 116, 959-967.	2.3	22
20	Association of loblolly pine xylem development gene expression with single-nucleotide polymorphisms. <i>Tree Physiology</i> , 2013, 33, 763-774.	1.4	21
21	Toward genomic selection in <i>Pinus taeda</i> : Integrating resources to support array design in a complex conifer genome. <i>Applications in Plant Sciences</i> , 2021, 9, e11439.	0.8	19
22	Genes induced by WDS are differentially expressed in two populations of aleppo pine ( <i>Pinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.6	18
23	Transient gene expression in differentiating pine wood using microprojectile bombardment. <i>Canadian Journal of Forest Research</i> , 1992, 22, 993-996.	0.8	15
24	Hormonal and developmental regulation of two arabinogalactan-proteins in xylem of loblolly pine ( <i>Pinus taeda</i> ). <i>Physiologia Plantarum</i> , 2000, 110, 524-529.	2.6	14
25	Predicting Adaptive Genetic Variation of Loblolly Pine ( <i>Pinus taeda</i> L.) Populations Under Projected Future Climates Based on Multivariate Models. <i>Journal of Heredity</i> , 2019, 110, 857-865.	1.0	12
26	Sequences upstream and downstream of two xylem-specific pine genes influence their expression. <i>Plant Science</i> , 2000, 160, 77-86.	1.7	11
27	Transcriptomic profile of leaf tissue from the leguminous tree, <i>Millettia pinnata</i> . <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	11
28	Exploring the genetic basis of gene transcript abundance and metabolite levels in loblolly pine ( <i>Pinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.9	10
29	Extensive Variation in Drought-Induced Gene Expression Changes Between Loblolly Pine Genotypes. <i>Frontiers in Genetics</i> , 2021, 12, 661440.	1.1	3
30	MICROSATELLITE MARKERS FOR VERIFYING PARENTAGE OF PECANS. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 515B-515.	0.5	3