Jeffrey Fd Dean

List of Publications by Year
in descending order

37 papers	2,533 citations	304743 22 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	3305 citing authors

#	Article	IF	Citations
1	Colonization and Development of <i>Sirex noctilio</i> (Hymenoptera: Siricidae) in Bolts of a Native Pine Host and Six Species of Pine Grown in the Southeastern United States. Journal of Entomological Science, 2019, 54, 1-18.	0.3	12
2	Exploring the loblolly pine (Pinus taeda L.) genome by BAC sequencing and Cot analysis. Gene, 2018, 663, 165-177.	2.2	13
3	Activation of defence pathways in Scots pine bark after feeding by pine weevil (Hylobius abietis). BMC Genomics, 2015, 16, 352.	2.8	31
4	Noctilisin, a Venom Glycopeptide of <I>Sirex noctilio</I> (Hymenoptera: Siricidae), Causes Needle Wilt and Defense Gene Responses in Pines. Journal of Economic Entomology, 2014, 107, 1931-1945.	1.8	27
5	Decoding the massive genome of loblolly pine using haploid DNA and novel assembly strategies. Genome Biology, 2014, 15, R59.	9.6	424
6	Transcriptomic analysis highlights epigenetic and transcriptional regulation during zygotic embryo development of Pinus pinaster. BMC Plant Biology, 2013, 13, 123.	3.6	37
7	A SNP resource for Douglas-fir: de novo transcriptome assembly and SNP detection and validation. BMC Genomics, 2013, 14, 137.	2.8	55
8	Susceptibility and Response of Pines to Sirex noctilio. , 2012, , 31-50.		15
9	Towards decoding the conifer giga-genome. Plant Molecular Biology, 2012, 80, 555-569.	3.9	91
10	Conifer DBMagic: a database housing multiple de novo transcriptome assemblies for 12 diverse conifer species. Tree Genetics and Genomes, 2012, 8, 1477-1485.	1.6	48
11	The phenylalanine ammonia lyase (PAL) gene family shows a gymnosperm-specific lineage. BMC Genomics, 2012, 13, S1.	2.8	70
12	Phylogenomic Analysis of the Phenylalanine Ammonia Lyase Gene Family in Loblolly Pine (Pinus Taeda) Tj ETQq0 0 0 rgBT /Overlock 10 T		0
13	Microarray analysis and scale-free gene networks identify candidate regulators in drought-stressed roots of loblolly pine (P. taeda L.). BMC Genomics, 2011, 12, 264.	2.8	110
14	Differential responses of the promoters from nearly identical paralogs of loblolly pine (Pinus taeda) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 873-886.	3.2	9
15	An Improved Method of RNA Isolation from Loblolly Pine (P. taeda L.) and Other Conifer Species. Journal of Visualized Experiments, 2010, , .	0.3	5
16	Processing the Loblolly Pine PtGen2 cDNA Microarray. Journal of Visualized Experiments, 2009, , .	0.3	4
17	Characterization of a 1-aminocyclopropane-1-carboxylate synthase gene from loblolly pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	25
18	ConiferEST: an integrated bioinformatics system for data reprocessing and mining of conifer expressed sequence tags (ESTs). BMC Genomics, 2007, 8, 134.	2.8	14

#	Article	IF	Citations
19	Tagging all genes. Nature Biotechnology, 2004, 22, 961-962.	17.5	2
20	Ferroxidase activity in a laccase-like multicopper oxidase from Liriodendron tulipifera. Plant Physiology and Biochemistry, 2004, 42, 27-33.	5.8	99
21	SAGE Analysis of Transcriptome Responses in Arabidopsis Roots Exposed to 2,4,6-Trinitrotoluene. Plant Physiology, 2003, 133, 1397-1406.	4.8	105
22	Staining Electrophoretic Gels for Laccase and Peroxidase Activity Using 1,8-Diaminonaphthalene. Analytical Biochemistry, 2001, 293, 96-101.	2.4	19
23	Oxidation of Phenolate Siderophores by the Multicopper Oxidase Encoded by the Escherichia coli yacK Gene. Journal of Bacteriology, 2001, 183, 4866-4875.	2.2	137
24	Forest tree biotechnology. Current Opinion in Biotechnology, 2000, 11, 298-302.	6.6	118
25	Localization of hydrogen peroxide production in Zinnia elegans L. stems. Phytochemistry, 1999, 52, 545-554.	2.9	17
26	Forest biotechnology makes its position known. Nature Biotechnology, 1999, 17, 1145-1145.	17.5	16
27	Characterization and heterologous expression of laccase cDNAs from xylem tissues of yellow-poplar (Liriodendron tulipifera). Plant Molecular Biology, 1999, 40, 23-35.	3.9	75
28	Laccases Associated with Lignifying Vascular Tissues. ACS Symposium Series, 1998, , 96-108.	0.5	35
29	Forest tree biotechnology. Advances in Biochemical Engineering/Biotechnology, 1997, 57, 1-44.	1.1	8
30	Release of lignin from kraft pulp by a hyperthermophilic xylanase from Thermatoga maritima. Enzyme and Microbial Technology, 1997, 20, 39-45.	3.2	55
31	A fungal metabolite mediates degradation of non-phenolic lignin structures and synthetic lignin by laccase. FEBS Letters, 1996, 391, 144-148.	2.8	395
32	Laccase-mediated formation of the phenoxazinone derivative, cinnabarinic acid. FEBS Letters, 1995, 376, 202-206.	2.8	133
33	Laccase and the Deposition of Lignin in Vascular Plants. Holzforschung, 1994, 48, 21-33.	1.9	154
34	A laccase-like phenoloxidase is correlated with lignin biosynthesis in Zinnia elegans stem tissues. Plant Journal, 1994, 6, 213-224.	5.7	99
35	Generation of Internal Antino Acid Sequences without Peptide Purification. Amino Acid Sequencing of the Ethylene Biosynthesis Inducing Xylanase from Trichodernza viride. Protein and Peptide Letters, 1994, 1, 149-156.	0.9	0
36	Release of the FAD domain from cellobiose oxidase by proteases from cellulolytic cultures ofPhanerochaete chrysosporium. FEBS Letters, 1993, 327, 161-164.	2.8	54

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37	Synthesis and spectroscopic characterization of p-hydroxyphenyl, guaiacyl and syringyl lignin polymer models (DHPs). Nordic Pulp and Paper Research Journal, 1993, 8, 344-349a.	0.7	17