Richard A Jorgensen

List of Publications by Year
in descending order

57 papers	20,282 citations	172457 29 h-index	189892 50 g-index
58 all docs	58 docs citations	58 times ranked	19690 citing authors

#	Article	IF	Citations
1	Reflections on the Issue of Regulation in Molecular and Cellular Biology. Plant Cell, 2019, 31, 1408-1409.	6.6	0
2	Conserved Peptide Upstream Open Reading Frames are Associated with Regulatory Genes in Angiosperms. Frontiers in Plant Science, 2012, 3, 191.	3.6	77
3	A Vision for 21st Century Agricultural Research. Frontiers in Plant Science, 2012, 3, 157.	3.6	0
4	Translational regulation of Arabidopsis XIPOTL1 is modulated by phosphocholine levels via the phylogenetically conserved upstream open reading frame 30. Journal of Experimental Botany, 2012, 63, 5203-5221.	4.8	58
5	Mutagenesis by Transitive RNAi. , 2011, , 407-418.		0
6	Epigenetics: Biology's Quantum Mechanics. Frontiers in Plant Science, 2011, 2, 10.	3.6	11
7	We're All Computational Biologists Now?Next Stop, the Global Brain?. Frontiers in Genetics, 2011, 2, 68.	2.3	3
8	A Window on the Sophistication of Plants. Science, 2011, 333, 1103-1104.	12.6	0
9	Targeted forward mutagenesis by transitive RNAi. Plant Journal, 2010, 61, 873-882.	5.7	9
10	Of Genes and Genomes: Challenges for the Twenty-First Century. Frontiers in Plant Science, 2010, 1, 1.	3.6	3
11	Distinct extremely abundant siRNAs associated with cosuppression in petunia. Rna, 2009, 15, 1965-1970.	3.5	93
12	The tiny eukaryote Ostreococcus provides genomic insights into the paradox of plankton speciation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7705-7710.	7.1	563
13	21st Century Plant Biology: Viva la RevoluciÃ³n?. Plant Cell, 2007, 19, 389-390.	6.6	3
14	FLOWERING LOCUS T Protein May Act as the Long-Distance Florigenic Signal in the Cucurbits. Plant Cell, 2007, 19, 1488-1506.	6.6	420
15	Rewarding Collaboration. Plant Cell, 2007, 19, 2967-2967.	6.6	0
16	Identification of novel conserved peptide uORF homology groups in Arabidopsis and rice reveals ancient eukaryotic origin of select groups and preferential association with transcription factor-encoding genes. BMC Biology, 2007, 5, 32.	3.8	147
17	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. Science, 2007, 318, 245-250.	12.6	2,354
18	Microhomologies between T-DNA ends and target sites often occur in inverted orientation and may be responsible for the high frequency of T-DNA-associated inversions. Plant Cell Reports, 2007, 26, 617-630.	5.6	14

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19	The Genome of Black Cottonwood, <i>Populus trichocarpa</i> (Torr. & Gray). Science, 2006, 313, 1596-1604.	12.6	3,945
20	Plant Genomes. Plant Cell, 2006, 18, 1099-1099.	6.6	2
21	Large-Scale Biology. Plant Cell, 2006, 18, 2095-2096.	6.6	2
22	A Paragenetic Perspective on Integration of RNA Silencing into the Epigenome and Its Role in the Biology of Higher Plants. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 481-485.	1.1	15
23	Movement of Macromolecules in Plant Cells Through Plasmodesmata. Science Signaling, 2006, 2006, tr2-tr2.	3.6	3
24	ASPB's Response to NIH's Public Access Policy. Plant Cell, 2005, 17, 1637-1637.	6.6	0
25	ASPB's Response to the NIH's Public Access Policy. Plant Physiology, 2005, 138, 540-541.	4.8	1
26	Evaluating and improving cDNA sequence quality with cQC. Bioinformatics, 2005, 21, 4414-4415.	4.1	3
27	Sequencing Maize: Just Sample the Salsa or Go for the Whole Enchilada?. Plant Cell, 2004, 16, 787-788.	6.6	5
28	Criteria for Publication in The Plant Cell. Plant Cell, 2004, 16, 1645-1646.	6.6	3
29	Effectiveness of RNA interference in transgenic plants. FEBS Letters, 2004, 566, 223-228.	2.8	188
30	Restructuring the Genome in Response to Adaptive Challenge: McClintock's Bold Conjecture Revisited. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 349-354.	1.1	45
31	RNA traffics information systemically in plants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11561-11563.	7.1	39
32	Analysis of histone acetyltransferase and histone deacetylase families of Arabidopsis thaliana suggests functional diversification of chromatin modification among multicellular eukaryotes. Nucleic Acids Research, 2002, 30, 5036-5055.	14.5	672
33	Research note: Maternally-controlled ovule abortion results from cosuppression of dihydroflavonol-4-reductase or flavonoid-3â€²,5â€²-hydroxylase genes in Petunia hybrida. Functional Plant Biology, 2002, 29, 1500.	2.1	9
34	Silencing Morpheus awakens transgenes. Nature Biotechnology, 2000, 18, 602-603.	17.5	3
35	Analysis of the genome sequence of the flowering plant Arabidopsis thaliana. Nature, 2000, 408, 796-815.	27.8	8,336
36	Do unintended antisense transcripts contribute to sense cosuppression in plants?. Trends in Genetics, 1999, 15, 11-12.	6.7	31

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37	Homology-based control of gene expression patterns in transgenic petunia flowers. , 1998, 22, 100-109.		48
38	Distinct patterns of pigment suppression are produced by allelic sense and antisense chalcone synthase transgenes in petunia flowers. Plant Journal, 1998, 13, 401-409.	5.7	69
39	BOTANY: An RNA-Based Information Superhighway in Plants. Science, 1998, 279, 1486-1487.	12.6	217
40	The Frequency and Degree of Cosuppression by Sense Chalcone Synthase Transgenes Are Dependent on Transgene Promoter Strength and Are Reduced by Premature Nonsense Codons in the Transgene Coding Sequence. Plant Cell, 1997, 9, 1357.	6.6	63
41	Chalcone synthase cosuppression phenotypes in petunia flowers: comparison of sense vs. antisense constructs and single-copy vs. complex T-DNA sequences. Plant Molecular Biology, 1996, 31, 957-973.	3.9	344
42	A Responsive Regulatory System is Revealed by Sense Suppression of Pigment Genes in Petunia Flowers. Stadler Genetics Symposia Series, 1996, , 159-176.	0.0	2
43	Suppression of recombination in wide hybrids of Petunia hybrida as revealed by genetic mapping of marker transgenes. Theoretical and Applied Genetics, 1995, 90, 957-968.	3.6	28
44	Developmental significance of epigenetic impositions on the plant genome: A paragenetic function for chromosomes. Genesis, 1994, 15, 523-532.	2.1	34
45	The origin of land plants: a union of alga and fungus advanced by flavonoids?. BioSystems, 1993, 31, 193-207.	2.0	41
46	Elicitation of Organized Pigmentation Patterns by a Chalcone Synthase Transgene. , 1993, , 87-92.		4
47	Genetic and Developmental Control of Anthocyanin Biosynthesis. Annual Review of Genetics, 1991, 25, 173-199.	7.6	581
48	Altered gene expression in plants due totrans interactions between homologous genes. Trends in Biotechnology, 1990, 8, 340-344.	9.3	288
49	Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans. Plant Cell, 1990, 2, 279.	6.6	564
50	A Hybrid Seed Production Method Based on Synthesis of Novel Linkages between Marker and Maleâ€Sterile Genes 1. Crop Science, 1987, 27, 806-810.	1.8	5
51	T-DNA is organized predominantly in inverted repeat structures in plants transformed with Agrobacterium tumefaciens C58 derivatives. Molecular Genetics and Genomics, 1987, 207, 471-477.	2.4	158
52	Structure and variation in ribosomal RNA genes of pea. Plant Molecular Biology, 1987, 8, 3-12.	3.9	131
53	Locations and stability of Agrobacterium-mediated T-DNA insertions in the Lycopersicon genome. Molecular Genetics and Genomics, 1986, 204, 64-69.	2.4	117
54	CHLOROPLAST DNA VARIATION AND EVOLUTION IN PISUM: PATTERNS OF CHANGE AND PHYLOGENETIC ANALYSIS. Genetics, 1985, 109, 195-213.	2.9	204

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55	Phytochrome control of RNA levels in developing pea and mung-bean leaves. Planta, 1983, 158, 487-500.	3.2	278
56	Novel evolutionary variation in transcription and location of two chloroplast genes. Nucleic Acids Research, 1982, 10, 6819-6832.	14.5	39
57	A specific tetracycline-induced, low-molecular-weight RNA encoded by the inverted repeat of Tn10 (IS10). Plasmid, 1981, 6, 148-150.	1.4	8