

# Richard A Jorgensen

## List of Publications by Year in descending order

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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	Analysis of the genome sequence of the flowering plant <i>Arabidopsis thaliana</i> . <i>Nature</i> , 2000, 408, 796-815.	27.8	8,336
2	The Genome of Black Cottonwood, <i>Populus trichocarpa</i> (Torr. & Gray). <i>Science</i> , 2006, 313, 1596-1604.	12.6	3,945
3	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354
4	Analysis of histone acetyltransferase and histone deacetylase families of <i>Arabidopsis thaliana</i> suggests functional diversification of chromatin modification among multicellular eukaryotes. <i>Nucleic Acids Research</i> , 2002, 30, 5036-5055.	14.5	672
5	Genetic and Developmental Control of Anthocyanin Biosynthesis. <i>Annual Review of Genetics</i> , 1991, 25, 173-199.	7.6	581
6	Introduction of a Chimeric Chalcone Synthase Gene into <i>Petunia</i> Results in Reversible Co-Suppression of Homologous Genes in trans. <i>Plant Cell</i> , 1990, 2, 279.	6.6	564
7	The tiny eukaryote <i>Ostreococcus</i> provides genomic insights into the paradox of plankton speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7705-7710.	7.1	563
8	FLOWERING LOCUS T Protein May Act as the Long-Distance Florigenic Signal in the Cucurbits. <i>Plant Cell</i> , 2007, 19, 1488-1506.	6.6	420
9	Chalcone synthase cosuppression phenotypes in <i>petunia</i> flowers: comparison of sense vs. antisense constructs and single-copy vs. complex T-DNA sequences. <i>Plant Molecular Biology</i> , 1996, 31, 957-973.	3.9	344
10	Altered gene expression in plants due to trans interactions between homologous genes. <i>Trends in Biotechnology</i> , 1990, 8, 340-344.	9.3	288
11	Phytochrome control of RNA levels in developing pea and mung-bean leaves. <i>Planta</i> , 1983, 158, 487-500.	3.2	278
12	BOTANY: An RNA-Based Information Superhighway in Plants. <i>Science</i> , 1998, 279, 1486-1487.	12.6	217
13	CHLOROPLAST DNA VARIATION AND EVOLUTION IN <i>PISUM</i> : PATTERNS OF CHANGE AND PHYLOGENETIC ANALYSIS. <i>Genetics</i> , 1985, 109, 195-213.	2.9	204
14	Effectiveness of RNA interference in transgenic plants. <i>FEBS Letters</i> , 2004, 566, 223-228.	2.8	188
15	T-DNA is organized predominantly in inverted repeat structures in plants transformed with <i>Agrobacterium tumefaciens</i> C58 derivatives. <i>Molecular Genetics and Genomics</i> , 1987, 207, 471-477.	2.4	158
16	Identification of novel conserved peptide uORF homology groups in <i>Arabidopsis</i> and rice reveals ancient eukaryotic origin of select groups and preferential association with transcription factor-encoding genes. <i>BMC Biology</i> , 2007, 5, 32.	3.8	147
17	Structure and variation in ribosomal RNA genes of pea. <i>Plant Molecular Biology</i> , 1987, 8, 3-12.	3.9	131
18	Locations and stability of <i>Agrobacterium</i> -mediated T-DNA insertions in the <i>Lycopersicon</i> genome. <i>Molecular Genetics and Genomics</i> , 1986, 204, 64-69.	2.4	117

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19	Distinct extremely abundant siRNAs associated with cosuppression in petunia. <i>Rna</i> , 2009, 15, 1965-1970.	3.5	93
20	Conserved Peptide Upstream Open Reading Frames are Associated with Regulatory Genes in Angiosperms. <i>Frontiers in Plant Science</i> , 2012, 3, 191.	3.6	77
21	Distinct patterns of pigment suppression are produced by allelic sense and antisense chalcone synthase transgenes in petunia flowers. <i>Plant Journal</i> , 1998, 13, 401-409.	5.7	69
22	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. <i>Plant Cell</i> , 1997, 9, 1357.	6.6	63
23	Translational regulation of Arabidopsis XIPOTL1 is modulated by phosphocholine levels via the phylogenetically conserved upstream open reading frame 30. <i>Journal of Experimental Botany</i> , 2012, 63, 5203-5221.	4.8	58
24	Homology-based control of gene expression patterns in transgenic petunia flowers. , 1998, 22, 100-109.		48
25	Restructuring the Genome in Response to Adaptive Challenge: McClintock's Bold Conjecture Revisited. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 349-354.	1.1	45
26	The origin of land plants: a union of alga and fungus advanced by flavonoids?. <i>BioSystems</i> , 1993, 31, 193-207.	2.0	41
27	Novel evolutionary variation in transcription and location of two chloroplast genes. <i>Nucleic Acids Research</i> , 1982, 10, 6819-6832.	14.5	39
28	RNA traffics information systemically in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11561-11563.	7.1	39
29	Developmental significance of epigenetic impositions on the plant genome: A paragenetic function for chromosomes. <i>Genesis</i> , 1994, 15, 523-532.	2.1	34
30	Do unintended antisense transcripts contribute to sense cosuppression in plants?. <i>Trends in Genetics</i> , 1999, 15, 11-12.	6.7	31
31	Suppression of recombination in wide hybrids of <i>Petunia hybrida</i> as revealed by genetic mapping of marker transgenes. <i>Theoretical and Applied Genetics</i> , 1995, 90, 957-968.	3.6	28
32	A Paragenetic Perspective on Integration of RNA Silencing into the Epigenome and Its Role in the Biology of Higher Plants. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2006, 71, 481-485.	1.1	15
33	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. <i>Plant Cell Reports</i> , 2007, 26, 617-630.	5.6	14
34	Epigenetics: Biology's Quantum Mechanics. <i>Frontiers in Plant Science</i> , 2011, 2, 10.	3.6	11
35	Research note: Maternally-controlled ovule abortion results from cosuppression of dihydroflavonol-4-reductase or flavonoid-3,5-hydroxylase genes in <i>Petunia hybrida</i> . <i>Functional Plant Biology</i> , 2002, 29, 1500.	2.1	9
36	Targeted forward mutagenesis by transitive RNAi. <i>Plant Journal</i> , 2010, 61, 873-882.	5.7	9

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37	A specific tetracycline-induced, low-molecular-weight RNA encoded by the inverted repeat of Tn10 (IS10). <i>Plasmid</i> , 1981, 6, 148-150.	1.4	8
38	A Hybrid Seed Production Method Based on Synthesis of Novel Linkages between Marker and Male-Sterile Genes 1. <i>Crop Science</i> , 1987, 27, 806-810.	1.8	5
39	Sequencing Maize: Just Sample the Salsa or Go for the Whole Enchilada?. <i>Plant Cell</i> , 2004, 16, 787-788.	6.6	5
40	Elicitation of Organized Pigmentation Patterns by a Chalcone Synthase Transgene. , 1993, , 87-92.		4
41	Silencing Morpheus awakens transgenes. <i>Nature Biotechnology</i> , 2000, 18, 602-603.	17.5	3
42	Criteria for Publication in <i>The Plant Cell</i> . <i>Plant Cell</i> , 2004, 16, 1645-1646.	6.6	3
43	Evaluating and improving cDNA sequence quality with cQC. <i>Bioinformatics</i> , 2005, 21, 4414-4415.	4.1	3
44	21st Century Plant Biology: Viva la Revolución?. <i>Plant Cell</i> , 2007, 19, 389-390.	6.6	3
45	Of Genes and Genomes: Challenges for the Twenty-First Century. <i>Frontiers in Plant Science</i> , 2010, 1, 1.	3.6	3
46	We're All Computational Biologists Now?Next Stop, the Global Brain?. <i>Frontiers in Genetics</i> , 2011, 2, 68.	2.3	3
47	Movement of Macromolecules in Plant Cells Through Plasmodesmata. <i>Science Signaling</i> , 2006, 2006, tr2-tr2.	3.6	3
48	Plant Genomes. <i>Plant Cell</i> , 2006, 18, 1099-1099.	6.6	2
49	Large-Scale Biology. <i>Plant Cell</i> , 2006, 18, 2095-2096.	6.6	2
50	A Responsive Regulatory System is Revealed by Sense Suppression of Pigment Genes in Petunia Flowers. <i>Stadler Genetics Symposia Series</i> , 1996, , 159-176.	0.0	2
51	ASPB's Response to the NIH's Public Access Policy. <i>Plant Physiology</i> , 2005, 138, 540-541.	4.8	1
52	ASPB's Response to NIH's Public Access Policy. <i>Plant Cell</i> , 2005, 17, 1637-1637.	6.6	0
53	Rewarding Collaboration. <i>Plant Cell</i> , 2007, 19, 2967-2967.	6.6	0
54	Mutagenesis by Transitive RNAi. , 2011, , 407-418.		0

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55	A Window on the Sophistication of Plants. <i>Science</i> , 2011, 333, 1103-1104.	12.6	0
56	A Vision for 21st Century Agricultural Research. <i>Frontiers in Plant Science</i> , 2012, 3, 157.	3.6	0
57	Reflections on the Issue of Regulation in Molecular and Cellular Biology. <i>Plant Cell</i> , 2019, 31, 1408-1409.	6.6	0