

# Richard Cooke

## List of Publications by Year in descending order

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53  
papers

5,497  
citations

117625

34  
h-index

182427

51  
g-index

53  
all docs

53  
docs citations

53  
times ranked

6923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomes of 13 domesticated and wild rice relatives highlight genetic conservation, turnover and innovation across the genus <i>Oryza</i> . <i>Nature Genetics</i> , 2018, 50, 285-296.	21.4	413
2	Evidence for ARGONAUTE4-DNA interactions in RNA-directed DNA methylation in plants. <i>Genes and Development</i> , 2016, 30, 2565-2570.	5.9	75
3	Diversity of Viruses Infecting the Green Microalga <i>Ostreococcus lucimarinus</i> . <i>Journal of Virology</i> , 2015, 89, 5812-5821.	3.4	35
4	Shared Subgenome Dominance Following Polyploidization Explains Grass Genome Evolutionary Plasticity from a Seven Protochromosome Ancestor with 16K Protogenes. <i>Genome Biology and Evolution</i> , 2014, 6, 12-33.	2.5	75
5	NERD, a Plant-Specific GW Protein, Defines an Additional RNAi-Dependent Chromatin-Based Pathway in <i>Arabidopsis</i> . <i>Molecular Cell</i> , 2012, 48, 121-132.	9.7	134
6	Taking RISCs with Ago hookers. <i>Current Opinion in Plant Biology</i> , 2011, 14, 594-600.	7.1	22
7	Variations in a team: Major and minor variants of <i>Arabidopsis thaliana</i> rDNA genes. <i>Nucleus</i> , 2011, 2, 294-299.	2.2	29
8	Identification of protein factors and U3-snoRNAs from a <i>Brassica oleracea</i> RNP complex involved in the processing of pre-rRNA. <i>Plant Journal</i> , 2010, 61, 383-398.	5.7	30
9	Marine Prasinovirus Genomes Show Low Evolutionary Divergence and Acquisition of Protein Metabolism Genes by Horizontal Gene Transfer. <i>Journal of Virology</i> , 2010, 84, 12555-12563.	3.4	87
10	Genome-wide computational identification of WG/GW Argonaute-binding proteins in <i>Arabidopsis</i> . <i>Nucleic Acids Research</i> , 2010, 38, 4231-4245.	14.5	47
11	Nucleolin Is Required for DNA Methylation State and the Expression of rRNA Gene Variants in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2010, 6, e1001225.	3.5	121
12	Palaeogenomics of plants: synteny-based modelling of extinct ancestors. <i>Trends in Plant Science</i> , 2010, 15, 479-487.	8.8	111
13	A recent duplication revisited: phylogenetic analysis reveals an ancestral duplication highly-conserved throughout the <i>Oryza</i> genus and beyond. <i>BMC Plant Biology</i> , 2009, 9, 146.	3.6	41
14	RNA-directed DNA methylation requires an AGO4-interacting member of the SPT5 elongation factor family. <i>EMBO Reports</i> , 2009, 10, 649-654.	4.5	130
15	Inventory, evolution and expression profiling diversity of the LEA (late embryogenesis abundant) protein gene family in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2008, 67, 107-124.	3.9	272
16	Identification and Characterization of Shared Duplications between Rice and Wheat Provide New Insight into Grass Genome Evolution. <i>Plant Cell</i> , 2008, 20, 11-24.	6.6	332
17	Life-Cycle and Genome of OtV5, a Large DNA Virus of the Pelagic Marine Unicellular Green Alga <i>Ostreococcus tauri</i> . <i>PLoS ONE</i> , 2008, 3, e2250.	2.5	107
18	Reiterated WG/GW motifs form functionally and evolutionarily conserved ARGONAUTE-binding platforms in RNAi-related components. <i>Genes and Development</i> , 2007, 21, 2539-2544.	5.9	280

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19	From Rice to Other Cereals: Comparative Genomics. , 2007, , 429-479.		3
20	Genome analysis of the smallest free-living eukaryote <i>Ostreococcus tauri</i> unveils many unique features. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11647-11652.	7.1	809
21	Gene expression profile in response to <i>Xanthomonas axonopodis</i> pv. <i>manihotis</i> infection in cassava using a cDNA microarray. Plant Molecular Biology, 2005, 57, 393-410.	3.9	86
22	The Arabidopsis Root Transcriptome by Serial Analysis of Gene Expression. Gene Identification Using the Genome Sequence. Plant Physiology, 2004, 134, 67-80.	4.8	90
23	GeneFarm, structural and functional annotation of Arabidopsis gene and protein families by a network of experts. Nucleic Acids Research, 2004, 33, D641-D646.	14.5	16
24	New insights into the synteny between rice ( <i>Oryza sativa</i> L.) and maize ( <i>Zea mays</i> L.) highlights reshuffling and identifies new duplications in the rice genome. Plant Journal, 2004, 38, 396-409.	5.7	86
25	Large-scale identification of genes in the fungus <i>Hebeloma cylindrosporum</i> paves the way to molecular analyses of ectomycorrhizal symbiosis. New Phytologist, 2004, 164, 505-513.	7.3	40
26	A unigene catalogue of 5700 expressed genes in cassava. Plant Molecular Biology, 2004, 56, 541-554.	3.9	53
27	An EST resource for cassava and other species of Euphorbiaceae. Plant Molecular Biology, 2004, 56, 527-539.	3.9	38
28	Synteny between Arabidopsis thaliana and rice at the genome level: a tool to identify conservation in the ongoing rice genome sequencing project. Nucleic Acids Research, 2002, 30, 2316-2328.	14.5	81
29	Flanking sequence tags in Arabidopsis thaliana T-DNA insertion lines: a pilot study. Comptes Rendus - Biologies, 2002, 325, 773-780.	0.2	18
30	DNA LIBRARIES FOR SEQUENCING THE GENOME OF <i>Ostreococcus tauri</i> (CHLOROPHYTA). Tj ET Qq 0 0 rgBT / Overlock 10 Tf 50 307 1150-1156.	2.3	42
31	An update on nutrient transport processes in ectomycorrhizas. Plant and Soil, 2002, 244, 165-175.	3.7	62
32	Rice genomics: Present and future. Plant Physiology and Biochemistry, 2001, 39, 323-334.	5.8	69
33	The Organization of Cytoplasmic Ribosomal Protein Genes in the Arabidopsis Genome. Plant Physiology, 2001, 127, 398-415.	4.8	272
34	Extensive Duplication and Reshuffling in the Arabidopsis Genome. Plant Cell, 2000, 12, 1093.	6.6	4
35	Extensive Duplication and Reshuffling in the Arabidopsis Genome. Plant Cell, 2000, 12, 1093-1101.	6.6	512
36	Fine sequence analysis of 60 kb around the Arabidopsis thaliana AtEm1 locus on chromosome III. Plant Molecular Biology, 1999, 41, 687-700.	3.9	8

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37	Structure, organization and expression of two closely related novel Lea (late-embryogenesis-abundant) genes in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1999, 40, 153-165.	3.9	23
38	The <i>Arabidopsis thaliana</i> genome project. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 1997, 320, 589-599.	0.8	6
39	The <i>Arabidopsis thaliana</i> cDNA sequencing projects 1. <i>FEBS Letters</i> , 1997, 403, 221-224.	2.8	42
40	Identification of members of gene families in <i>Arabidopsis thaliana</i> by contig construction from partial cDNA sequences: 106 genes encoding 50 cytoplasmic ribosomal proteins. <i>Plant Journal</i> , 1997, 11, 1127-1140.	5.7	35
41	An <i>Arabidopsis thaliana</i> cDNA complementing a hamster apoptosis suppressor mutant. <i>Plant Journal</i> , 1997, 11, 1325-1331.	5.7	112
42	Further progress towards a catalogue of all <i>Arabidopsis</i> genes: analysis of a set of 5000 non-redundant ESTs. <i>Plant Journal</i> , 1996, 9, 101-124.	5.7	208
43	In Vitro Transcription of Class II Promoters in Higher Plants. , 1995, 49, 271-290.		1
44	An inventory of 1152 expressed sequence tags obtained by partial sequencing of cDNAs from <i>Arabidopsis thaliana</i> +. <i>Plant Journal</i> , 1993, 4, 1051-1061.	5.7	254
45	The figwort mosaic virus gene VI promoter region contains a sequence highly homologous to the octopine synthase (ocs) enhancer element. <i>Plant Molecular Biology</i> , 1990, 15, 181-182.	3.9	6
46	In vitro transcription from cauliflower mosaic virus promoters by a cell-free extract from tobacco cells. <i>Plant Molecular Biology</i> , 1990, 14, 391-405.	3.9	29
47	Detection of a potential transcription control sequence on the cauliflower mosaic virus genome by dinucleotide primed <i>in vitro</i> transcription. <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 17-23.	2.1	1
48	Selective dinucleotide-primed <i>in vitro</i> transcription of a cloned fragment of cauliflower mosaic virus DNA is dependent on a limited region of the viral genome. <i>FEBS Journal</i> , 1986, 157, 83-89.	0.2	2
49	Sequence heterogeneity in radish nuclear ribosomal RNA genes. <i>Plant Science Letters</i> , 1983, 30, 107-119.	1.8	65
50	Ribosomal RNA synthesis in imbibing radish ( <i>Raphanus sativus</i> ) embryo axes. <i>Planta</i> , 1980, 148, 17-23.	3.2	8
51	Analysis of DNA associated with nucleosomes in pea chromatin. <i>Planta</i> , 1980, 148, 346-353.	3.2	17
52	Time course of hormonal control of the first mitosis in tobacco mesophyll protoplasts cultivated <i>in vitro</i> . <i>Planta</i> , 1979, 147, 181-185.	3.2	38
53	Restriction analysis of radish nuclear genes coding for rRNA: Evidence for heterogeneity. <i>Biochemical and Biophysical Research Communications</i> , 1979, 91, 540-547.	2.1	20