

# Danny W Rice

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

6,719  
citations

279798

23  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

7276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Protein Function and Protein-Protein Interactions from Genome Sequences. <i>Science</i> , 1999, 285, 751-753.	12.6	1,595
2	The draft genome of the transgenic tropical fruit tree papaya ( <i>Carica papaya</i> Linnaeus). <i>Nature</i> , 2008, 452, 991-996.	27.8	964
3	DIP: the Database of Interacting Proteins. <i>Nucleic Acids Research</i> , 2000, 28, 289-291.	14.5	900
4	Insights into the Evolution of Mitochondrial Genome Size from Complete Sequences of <i>Citrullus lanatus</i> and <i>Cucurbita pepo</i> (Cucurbitaceae). <i>Molecular Biology and Evolution</i> , 2010, 27, 1436-1448.	8.9	400
5	Horizontal Transfer of Entire Genomes via Mitochondrial Fusion in the Angiosperm <i>Amborella</i> . <i>Science</i> , 2013, 342, 1468-1473.	12.6	322
6	Origins and Recombination of the Bacterial-Sized Multichromosomal Mitochondrial Genome of Cucumber. <i>Plant Cell</i> , 2011, 23, 2499-2513.	6.6	266
7	Miniaturized mitogenome of the parasitic plant <i>Viscum scurruloideum</i> is extremely divergent and dynamic and has lost all <i>nad</i> genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3515-24.	7.1	254
8	Localized hypermutation and associated gene losses in legume chloroplast genomes. <i>Genome Research</i> , 2010, 20, 1700-1710.	5.5	244
9	The "fossilized" mitochondrial genome of <i>Liriodendron tulipifera</i> : ancestral gene content and order, ancestral editing sites, and extraordinarily low mutation rate. <i>BMC Biology</i> , 2013, 11, 29.	3.8	199
10	Genome-scale data, angiosperm relationships, and "ending incongruence": a cautionary tale in phylogenetics. <i>Trends in Plant Science</i> , 2004, 9, 477-483.	8.8	176
11	A 3D-1D substitution matrix for protein fold recognition that includes predicted secondary structure of the sequence. <i>Journal of Molecular Biology</i> , 1997, 267, 1026-1038.	4.2	159
12	An exceptional horizontal gene transfer in plastids: gene replacement by a distant bacterial paralog and evidence that haptophyte and cryptophyte plastids are sisters. <i>BMC Biology</i> , 2006, 4, 31.	3.8	148
13	The Mitochondrial Genome of the Legume <i>Vigna radiata</i> and the Analysis of Recombination across Short Mitochondrial Repeats. <i>PLoS ONE</i> , 2011, 6, e16404.	2.5	148
14	Evolutionary Genetics of Cytoplasmic Incompatibility Genes <i>cifA</i> and <i>cifB</i> in Prophage WO of <i>Wolbachia</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 434-451.	2.5	143
15	The 1.5-Å crystal structure of plastocyanin from the green alga <i>Chlamydomonas reinhardtii</i> . <i>Biochemistry</i> , 1993, 32, 10560-10567.	2.5	124
16	Long branch attraction, taxon sampling, and the earliest angiosperms: <i>Amborella</i> or monocots?. <i>BMC Evolutionary Biology</i> , 2004, 4, 35.	3.2	124
17	Assigning amino acid sequences to 3-dimensional protein folds. <i>FASEB Journal</i> , 1996, 10, 126-136.	0.5	101
18	Castor Bean Organelle Genome Sequencing and Worldwide Genetic Diversity Analysis. <i>PLoS ONE</i> , 2011, 6, e21743.	2.5	88

#	ARTICLE	IF	CITATIONS
19	The Jekyll and Hyde Symbiont: Could <i>Wolbachia</i> Be a Nutritional Mutualist?. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	59
20	Large-Scale Identification of <i>Wolbachia pipientis</i> Effectors. <i>Genome Biology and Evolution</i> , 2017, 9, 1925-1937.	2.5	58
21	Dynamics of <i>Wolbachia pipientis</i> Gene Expression Across the <i>Drosophila melanogaster</i> Life Cycle. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2843-2856.	1.8	55
22	Comparative mitogenomics indicates respiratory competence in parasitic <i>Viscum</i> despite loss of complex and extreme sequence divergence, and reveals horizontal gene transfer and remarkable variation in genome size. <i>BMC Plant Biology</i> , 2017, 17, 49.	3.6	52
23	A study of combined structure/sequence profiles. <i>Folding &amp; Design</i> , 1996, 1, 451-461.	4.5	42
24	Reclassification of seven honey bee symbiont strains as <i>Bombella apis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	26
25	Fold assignments for amino acid sequences of the CASP2 experiment. <i>Proteins: Structure, Function and Bioinformatics</i> , 1997, 29, 113-122.	2.6	19
26	Honey bee symbiont buffers larvae against nutritional stress and supplements lysine. <i>ISME Journal</i> , 2022, 16, 2160-2168.	9.8	17
27	The Complete Moss Mitochondrial Genome in the Angiosperm <i>Amborella</i> Is a Chimera Derived from Two Moss Whole-Genome Transfers. <i>PLoS ONE</i> , 2015, 10, e0137532.	2.5	15
28	High-sensitivity analysis of sialyl-oligosaccharide glycosylation sites in glycoproteins by miniaturized tryptic digestion and microcolumn liquid chromatography. <i>Analytical Biochemistry</i> , 1992, 205, 189-192.	2.4	12
29	Evidence of Adaptive Evolution in <i>Wolbachia</i> -Regulated Gene <i>DNMT2</i> and Its Role in the Dipteran Immune Response and Pathogen Blocking. <i>Viruses</i> , 2021, 13, 1464.	3.3	8