

Daniel C. Jeffares

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,808
citations

236612

25
h-index

264894

42
g-index

55
all docs

55
docs citations

55
times ranked

5715
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomic analysis of three <i>Leishmania</i> species that cause diverse human disease. <i>Nature Genetics</i> , 2007, 39, 839-847.	9.4	648
2	Transient structural variations have strong effects on quantitative traits and reproductive isolation in fission yeast. <i>Nature Communications</i> , 2017, 8, 14061.	5.8	472
3	Rapidly regulated genes are intron poor. <i>Trends in Genetics</i> , 2008, 24, 375-378.	2.9	340
4	The biology of intron gain and loss. <i>Trends in Genetics</i> , 2006, 22, 16-22.	2.9	238
5	The Path from the RNA World. <i>Journal of Molecular Evolution</i> , 1998, 46, 1-17.	0.8	235
6	Relics from the RNA World. <i>Journal of Molecular Evolution</i> , 1998, 46, 18-36.	0.8	212
7	Genome variation and evolution of the malaria parasite <i>Plasmodium falciparum</i> . <i>Nature Genetics</i> , 2007, 39, 120-125.	9.4	184
8	Eukaryotic Intron Loss. <i>Science</i> , 2003, 300, 1393-1393.	6.0	180
9	The genomic and phenotypic diversity of <i>Schizosaccharomyces pombe</i> . <i>Nature Genetics</i> , 2015, 47, 235-241.	9.4	174
10	Early evolution: prokaryotes, the new kids on the block. <i>BioEssays</i> , 1999, 21, 880-889.	1.2	156
11	A Beginners Guide to Estimating the Non-synonymous to Synonymous Rate Ratio of all Protein-Coding Genes in a Genome. <i>Methods in Molecular Biology</i> , 2015, 1201, 65-90.	0.4	105
12	Genome-wide discovery and verification of novel structured RNAs in <i>Plasmodium falciparum</i> . <i>Genome Research</i> , 2008, 18, 281-292.	2.4	81
13	Selected <i>Schizosaccharomyces pombe</i> Strains Have Characteristics That Are Beneficial for Winemaking. <i>PLoS ONE</i> , 2016, 11, e0151102.	1.1	81
14	LaSSO, a strategy for genome-wide mapping of intronic lariats and branch points using RNA-seq. <i>Genome Research</i> , 2014, 24, 1169-1179.	2.4	64
15	PCR amplification of the <i>fas1</i> gene for the detection of virulent strains of <i>Rhodococcus fascians</i> . <i>Plant Pathology</i> , 1996, 45, 407-417.	1.2	62
16	A <i>Leishmania infantum</i> genetic marker associated with miltefosine treatment failure for visceral leishmaniasis. <i>EBioMedicine</i> , 2018, 36, 83-91.	2.7	56
17	Ancestral Admixture Is the Main Determinant of Global Biodiversity in Fission Yeast. <i>Molecular Biology and Evolution</i> , 2019, 36, 1975-1989.	3.5	50
18	Direct isolation of poly(A) ⁺ RNA from 4 M guanidine thiocyanate-lysed cell extracts using locked nucleic acid-oligo(T) capture. <i>Nucleic Acids Research</i> , 2004, 32, e64-e64.	6.5	43

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19	An Overview of the Introns-First Theory. <i>Journal of Molecular Evolution</i> , 2009, 69, 527-540.	0.8	43
20	Evolutionarily Stable Association of Intronic snoRNAs and microRNAs with Their Host Genes. <i>Genome Biology and Evolution</i> , 2009, 1, 420-428.	1.1	42
21	PoolHap: Inferring Haplotype Frequencies from Pooled Samples by Next Generation Sequencing. <i>PLoS ONE</i> , 2011, 6, e15292.	1.1	38
22	Diversification of Genes Encoding Mei2-Like RNA Binding Proteins in Plants. <i>Plant Molecular Biology</i> , 2004, 54, 653-670.	2.0	36
23	Long- and Short-Term Selective Forces on Malaria Parasite Genomes. <i>PLoS Genetics</i> , 2010, 6, e1001099.	1.5	30
24	The natural diversity and ecology of fission yeast. <i>Yeast</i> , 2018, 35, 253-260.	0.8	28
25	Comparative structural and evolutionary analyses predict functional sites in the artemisinin resistance malaria protein K13. <i>Scientific Reports</i> , 2019, 9, 10675.	1.6	28
26	A description of the Mei2-like protein family; structure, phylogenetic distribution and biological context. <i>Development Genes and Evolution</i> , 2004, 214, 149-158.	0.4	27
27	Temperature-dependence of carbon acquisition and demand in relation to shoot growth of kiwifruit (<i>Actinidia deliciosa</i>) vines grown in controlled environments. <i>Functional Plant Biology</i> , 1998, 25, 843.	1.1	26
28	The genome of the zoonotic malaria parasite <i>Plasmodium simium</i> reveals adaptations to host switching. <i>BMC Biology</i> , 2021, 19, 219.	1.7	21
29	Outsourcing the Nucleus: Nuclear Pore Complex Genes are no Longer Encoded in Nucleomorph Genomes. <i>Evolutionary Bioinformatics</i> , 2006, 2, 117693430600200.	0.6	12
30	Fitness Landscape of the Fission Yeast Genome. <i>Molecular Biology and Evolution</i> , 2019, 36, 1612-1623.	3.5	12
31	Candidates for Balancing Selection in <i>Leishmania donovani</i> Complex Parasites. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	11
32	Spotsizer: High-throughput quantitative analysis of microbial growth. <i>BioTechniques</i> , 2016, 61, 191-201.	0.8	10
33	Pre-rRNA processing and the path from the RNA world. <i>Trends in Biochemical Sciences</i> , 1995, 20, 298-299.	3.7	8
34	Uncovering Natural Longevity Alleles from Intercrossed Pools of Aging Fission Yeast Cells. <i>Genetics</i> , 2018, 210, 733-744.	1.2	8
35	Reconstruction of Microbial Haplotypes by Integration of Statistical and Physical Linkage in Scaffolding. <i>Molecular Biology and Evolution</i> , 2021, 38, 2660-2672.	3.5	8
36	Experimental Selection of Paromomycin Resistance in <i>Leishmania donovani</i> Amastigotes Induces Variable Genomic Polymorphisms. <i>Microorganisms</i> , 2021, 9, 1546.	1.6	7

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37	Differences in non-LTR retrotransposons within <i>C. elegans</i> and <i>C. briggsae</i> genomes. <i>Gene</i> , 2004, 330, 61-66.	1.0	6
38	Does the Ribosome Challenge our Understanding of the RNA World?. <i>Journal of Molecular Evolution</i> , 2016, 82, 1-4.	0.8	6
39	R-loops and regulatory changes in chronologically ageing fission yeast cells drive non-random patterns of genome rearrangements. <i>PLoS Genetics</i> , 2021, 17, e1009784.	1.5	2
40	Identification of individual root-knot nematodes using low coverage long-read sequencing. <i>PLoS ONE</i> , 2021, 16, e0253248.	1.1	2
41	Does the Ribosome Challenge our Understanding of the RNA World?. <i>Journal of Molecular Evolution</i> , 2016, 82, 1-4.	0.8	1
42	Variables Influencing Differences in Sequence Conservation in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <i>Journal of Molecular Evolution</i> , 2021, 89, 601-610.	0.8	0