

# Jonathan P Bollback

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11096971/publications.pdf>

Version: 2024-02-01

23  
papers

5,829  
citations

516710

16  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

7639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Inference of Phylogeny and Its Impact on Evolutionary Biology. <i>Science</i> , 2001, 294, 2310-2314.	12.6	2,416
2	Stochastic Mapping of Morphological Characters. <i>Systematic Biology</i> , 2003, 52, 131-158.	5.6	793
3	SIMMAP: stochastic character mapping of discrete traits on phylogenies. <i>BMC Bioinformatics</i> , 2006, 7, 88.	2.6	748
4	Empirical and Hierarchical Bayesian Estimation of Ancestral States. <i>Systematic Biology</i> , 2001, 50, 351-366.	5.6	238
5	Bayesian Model Adequacy and Choice in Phylogenetics. <i>Molecular Biology and Evolution</i> , 2002, 19, 1171-1180.	8.9	210
6	Empirical and Hierarchical Bayesian Estimation of Ancestral States. <i>Systematic Biology</i> , 2001, 50, 351-366.	5.6	195
7	Inferring the Root of a Phylogenetic Tree. <i>Systematic Biology</i> , 2002, 51, 32-43.	5.6	191
8	Evolutionary Genomics of <i>Staphylococcus aureus</i> Reveals Insights into the Origin and Molecular Basis of Ruminant Host Adaptation. <i>Genome Biology and Evolution</i> , 2010, 2, 454-466.	2.5	174
9	Estimation of $2N_e s$ From Temporal Allele Frequency Data. <i>Genetics</i> , 2008, 179, 497-502.	2.9	158
10	Genes under positive selection in <i>Escherichia coli</i> . <i>Genome Research</i> , 2007, 17, 1336-1343.	5.5	153
11	Exploring genomic dark matter: A critical assessment of the performance of homology search methods on noncoding RNA. <i>Genome Research</i> , 2006, 17, 117-125.	5.5	121
12	True and False Gharials: A Nuclear Gene Phylogeny of Crocodylia. <i>Systematic Biology</i> , 2003, 52, 386-402.	5.6	94
13	Phylogeny, Genome Evolution, and Host Specificity of Single-Stranded RNA Bacteriophage (Family) Tj ETQq1 1 0.784314 rgBT /Overlo 1.8 80		
14	Clonal Interference Is Alleviated by High Mutation Rates in Large Populations. <i>Molecular Biology and Evolution</i> , 2007, 24, 1397-1406.	8.9	63
15	Parallel Genetic Evolution Within and Between Bacteriophage Species of Varying Degrees of Divergence. <i>Genetics</i> , 2009, 181, 225-234.	2.9	52
16	Evolutionary potential of transcription factors for gene regulatory rewiring. <i>Nature Ecology and Evolution</i> , 2018, 2, 1633-1643.	7.8	25
17	Evolutionary interactions between haemagglutinin and neuraminidase in avian influenza. <i>BMC Evolutionary Biology</i> , 2013, 13, 222.	3.2	24
18	On the mechanistic nature of epistasis in a canonical cis-regulatory element. <i>ELife</i> , 2017, 6, .	6.0	21

#	ARTICLE	IF	CITATIONS
19	Posterior Mapping and Posterior Predictive Distributions. , 2005, , 439-462.		19
20	Predicting bacterial promoter function and evolution from random sequences. ELife, 2022, 11, .	6.0	17
21	Isolation of polymorphic microsatellite markers from the malaria vector Anopheles darlingi. Molecular Ecology Notes, 2001, 1, 223-225.	1.7	16
22	Epistatic Interactions in the Arabinose<i>Cis</i>-Regulatory Element. Molecular Biology and Evolution, 2016, 33, 761-769.	8.9	16
23	True and False Charials: A Nuclear Gene Phylogeny of Crocodylia. Systematic Biology, 2003, 52, 386-402.	5.6	1