

# Huw A Ogilvie

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

3,751  
citations

759233

12  
h-index

752698

20  
g-index

30  
all docs

30  
docs citations

30  
times ranked

6524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum Parsimony Inference of Phylogenetic Networks in the Presence of Polyploid Complexes. <i>Systematic Biology</i> , 2022, 71, 706-720.	5.6	9
2	Phylovar: toward scalable phylogeny-aware inference of single-nucleotide variations from single-cell DNA sequencing data. <i>Bioinformatics</i> , 2022, 38, i195-i202.	4.1	4
3	Annotation-free delineation of prokaryotic homology groups. <i>PLoS Computational Biology</i> , 2022, 18, e1010216.	3.2	0
4	SARS-CoV-2 genomic diversity and the implications for qRT-PCR diagnostics and transmission. <i>Genome Research</i> , 2021, 31, 635-644.	5.5	39
5	Novel Integrative Modeling of Molecules and Morphology across Evolutionary Timescales. <i>Systematic Biology</i> , 2021, 71, 208-220.	5.6	9
6	Phylogenomic assessment of the role of hybridization and introgression in trait evolution. <i>PLoS Genetics</i> , 2021, 17, e1009701.	3.5	8
7	Variational inference using approximate likelihood under the coalescent with recombination. <i>Genome Research</i> , 2021, 31, 2107-2119.	5.5	4
8	Practical Speedup of Bayesian Inference of Species Phylogenies by Restricting the Space of Gene Trees. <i>Molecular Biology and Evolution</i> , 2020, 37, 1809-1818.	8.9	4
9	A divide-and-conquer method for scalable phylogenetic network inference from multilocus data. <i>Bioinformatics</i> , 2019, 35, i370-i378.	4.1	16
10	Rosette core fungal resistance in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2019, 250, 1941-1953.	3.2	2
11	CEP1 signalling inhibits the sucrose-dependent enhancement of lateral root growth. <i>Journal of Experimental Botany</i> , 2019, 70, 3955-3967.	4.8	37
12	Advances in Computational Methods for Phylogenetic Networks in the Presence of Hybridization. <i>Computational Biology</i> , 2019, , 317-360.	0.2	55
13	BEAST 2.5: An advanced software platform for Bayesian evolutionary analysis. <i>PLoS Computational Biology</i> , 2019, 15, e1006650.	3.2	2,484
14	Bayesian Inference of Species Networks from Multilocus Sequence Data. <i>Molecular Biology and Evolution</i> , 2018, 35, 504-517.	8.9	158
15	Fungal phytopathogens encode functional homologues of plant rapid alkalization factor (RALF) peptides. <i>Molecular Plant Pathology</i> , 2017, 18, 811-824.	4.2	95
16	StarBEAST2 Brings Faster Species Tree Inference and Accurate Estimates of Substitution Rates. <i>Molecular Biology and Evolution</i> , 2017, 34, 2101-2114.	8.9	371
17	Validation and description of two new north-western Australian Rainbow skinks with multispecies coalescent methods and morphology. <i>PeerJ</i> , 2017, 5, e3724.	2.0	11
18	Computational Performance and Statistical Accuracy of *BEAST and Comparisons with Other Methods. <i>Systematic Biology</i> , 2016, 65, 381-396.	5.6	107

#	ARTICLE	IF	CITATIONS
19	Diversification of the C-TERMINALLY ENCODED PEPTIDE (CEP) gene family in angiosperms, and evolution of plant-family specific CEP genes. BMC Genomics, 2014, 15, 870.	2.8	63
20	microRNA profiling of root tissues and root forming explant cultures in Medicago truncatula. Planta, 2013, 238, 91-105.	3.2	30
21	The peptide-encoding CEP1 gene modulates lateral root and nodule numbers in Medicago truncatula. Journal of Experimental Botany, 2013, 64, 5395-5409.	4.8	182