Robert C Thomson

List of Publications by Year
in descending order

45 papers	2,227 citations	236612 25 h-index	233125 45 g-index
51 all docs	51 docs citations	51 times ranked	3229 citing authors

#	Article	IF	Citations
1	Genetic diversity and the origins of parthenogenesis in the teiid lizard <i>Aspidoscelis laredoensis</i>. Molecular Ecology, 2022, 31, 266-278.	2.0	10
2	On the Need for New Measures of Phylogenomic Support. Systematic Biology, 2022, 71, 917-920.	2.7	9
3	Phylogenomics Reveals Ancient Gene Tree Discordance in the Amphibian Tree of Life. Systematic Biology, 2021, 70, 49-66.	2.7	124
4	A global phylogeny of turtles reveals a burst of climate-associated diversification on continental margins. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	98
5	A New Diploid Parthenogenetic Whiptail Lizard from Sonora, Mexico, Is the â€œMissing Linkâ€•in the Evolutionary Transition to Polyploidy. American Naturalist, 2021, 198, 295-309.	1.0	9
6	Properties of Markov Chain Monte Carlo Performance across Many Empirical Alignments. Molecular Biology and Evolution, 2021, 38, 1627-1640.	3.5	13
7	Model-Based Species Delimitation: Are Coalescent Species Reproductively Isolated?. Systematic Biology, 2020, 69, 708-721.	2.7	33
8	Ecological variability is associated with functional trait diversity in the western fence lizard (Sceloporus occidentalis). Biological Journal of the Linnean Society, 2020, 129, 414-424.	0.7	9
9	Complex patterns of hybridization and introgression across evolutionary timescales in Mexican whiptail lizards (Aspidoscelis). Molecular Phylogenetics and Evolution, 2019, 132, 284-295.	1.2	25
10	Phylogeography of a widespread lizard complex reflects patterns of both geographic and ecological isolation. Molecular Ecology, 2019, 28, 644-657.	2.0	23
11	The Behavior of Metropolis-Coupled Markov Chains When Sampling Rugged Phylogenetic Distributions. Systematic Biology, 2018, 67, 729-734.	2.7	6
12	P3: Phylogenetic Posterior Prediction in RevBayes. Molecular Biology and Evolution, 2018, 35, 1028-1034.	3.5	28
13	Molecular phylogeny and divergence of the map turtles (Emydidae: Graptemys). Molecular Phylogenetics and Evolution, 2018, 121, 61-70.	1.2	19
14	Variation Across Mitochondrial Gene Trees Provides Evidence for Systematic Error: How Much Gene Tree Variation Is Biological?. Systematic Biology, 2018, 67, 847-860.	2.7	51
15	Revised classification of the righteye flounders (Teleostei: Pleuronectidae) based on multilocus phylogeny with complete taxon sampling. Molecular Phylogenetics and Evolution, 2018, 125, 147-162.	1.2	26
16	Impact of Model Violations on the Inference of Species Boundaries Under the Multispecies Coalescent. Systematic Biology, 2018, 67, 269-284.	2.7	76
17	Evaluating Model Performance in Evolutionary Biology. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 95-114.	3.8	39
18	Bayes factors unmask highly variable information content, bias, and extreme influence in phylogenomic analyses. Systematic Biology, 2017, 66, syw101.	2.7	97

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19	Phylogenomics and species delimitation in the knob-scaled lizards of the genus Xenosaurus (Squamata: Xenosauridae) using ddRADseq data reveal a substantial underestimation of diversity. Molecular Phylogenetics and Evolution, 2017, 106, 241-253.	1.2	63
20	Phylogeny and temporal diversification of the New World pond turtles (Emydidae). Molecular Phylogenetics and Evolution, 2016, 103, 85-97.	1.2	34
21	Assessing the performance of <scp>DNA</scp> barcoding using posterior predictive simulations. Molecular Ecology, 2016, 25, 1944-1957.	2.0	40
22	Origins of softshell turtles in Hawaii with implications for conservation. Conservation Genetics, 2016, 17, 207-220.	0.8	1
23	Sun skink landscape genomics: assessing the roles of microâ€evolutionary processes in shaping genetic and phenotypic diversity across a heterogeneous and fragmented landscape. Molecular Ecology, 2015, 24, 1696-1712.	2.0	32
24	Multilocus phylogeny of the New-World mud turtles (Kinosternidae) supports the traditional classification of the group. Molecular Phylogenetics and Evolution, 2014, 76, 254-260.	1.2	21
25	The advantages of going large: genomeâ€wide <scp>SNP</scp>s clarify the complex population history and systematics of the threatened western pond turtle. Molecular Ecology, 2014, 23, 2228-2241.	2.0	56
26	A time-calibrated phylogeny of the butterfly tribe Melitaeini. Molecular Phylogenetics and Evolution, 2014, 79, 69-81.	1.2	8
27	A critical appraisal of the use of microRNA data in phylogenetics. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3659-68.	3.3	63
28	The western painted turtle genome, a model for the evolution of extreme physiological adaptations in a slowly evolving lineage. Genome Biology, 2013, 14, R28.	13.9	276
29	Habitat Features Determine the Basking Distribution of Introduced Red-Eared Sliders and Native Western Pond Turtles. Chelonian Conservation and Biology, 2013, 12, 192-199.	0.1	19
30	Misleading phylogenetic inferences based on single-exemplar sampling in the turtle genus Pseudemys. Molecular Phylogenetics and Evolution, 2013, 68, 269-281.	1.2	43
31	Biomechanical trade-offs bias rates of evolution in the feeding apparatus of fishes. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1287-1292.	1.2	55
32	Species boundaries and phylogenetic relationships in the critically endangered Asian box turtle genus Cuora. Molecular Phylogenetics and Evolution, 2012, 63, 656-667.	1.2	33
33	Cryptic variation and the tragedy of unrecognized taxa: the case of international trade in the spiny turtle Heosemys spinosa (Testudines: Geoemydidae). Zoological Journal of the Linnean Society, 2012, 164, 811-824.	1.0	18
34	The origin of tiger salamander (Ambystoma tigrinum) populations in California, Oregon, and Nevada: introductions or relicts?. Conservation Genetics, 2011, 12, 355-370.	0.8	32
35	Sparse Supermatrices for Phylogenetic Inference: Taxonomy, Alignment, Rogue Taxa, and the Phylogeny of Living Turtles. Systematic Biology, 2010, 59, 42-58.	2.7	155
36	Testing avian, squamate, and mammalian nuclear markers for cross amplification in turtles. Conservation Genetics Resources, 2010, 2, 127-129.	0.4	8

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37	Fourteen nuclear genes provide phylogenetic resolution for difficult nodes in the turtle tree of life. Molecular Phylogenetics and Evolution, 2010, 55, 1189-1194.	1.2	81
38	Rapid progress on the vertebrate tree of life. BMC Biology, 2010, 8, 19.	1.7	27
39	Nuclear gene phylogeography reveals the historical legacy of an ancient inland sea on lineages of the western pond turtle,<i>Emys marmorata</i>in California. Molecular Ecology, 2010, 19, 542-556.	2.0	44
40	Genome-enabled development of DNA markers for ecology, evolution and conservation. Molecular Ecology, 2010, 19, 2184-2195.	2.0	114
41	Distribution and Abundance of Invasive Red-Eared Sliders (Trachemys scripta elegans) in California's Sacramento River Basin and Possible Impacts on Native Western Pond Turtles (Emys marmorata). Chelonian Conservation and Biology, 2010, 9, 297-302.	0.1	17
42	Assessing what is needed to resolve a molecular phylogeny: simulations and empirical data from emydid turtles. BMC Evolutionary Biology, 2009, 9, 56.	3.2	51
43	PhyLIS: A Simple GNU/Linux Distribution for Phylogenetics and Phyloinformatics. Evolutionary Bioinformatics, 2009, 5, EBO.S3169.	0.6	4
44	Developing markers for multilocus phylogenetics in non-model organisms: A test case with turtles. Molecular Phylogenetics and Evolution, 2008, 49, 514-525.	1.2	57
45	Delimiting Species in Recent Radiations. Systematic Biology, 2007, 56, 896-906.	2.7	178