A comprehensive phylogeny of birds (Aves) using target

Nature

534, S7-S8

DOI: 10.1038/nature19417

Citation Report

#	Article	IF	Citations
1	Spider phylogenomics: untangling the Spider Tree of Life. PeerJ, 2016, 4, e1719.	0.9	253
2	Anchored enrichment dataset for true flies (order Diptera) reveals insights into the phylogeny of flower flies (family Syrphidae). BMC Evolutionary Biology, 2016, 16, 143.	3.2	86
3	Mitochondrial rate variation among lineages of passerine birds. Journal of Avian Biology, 2016, 47, 690-696.	0.6	15
4	How to Make a Bird Skull: Major Transitions in the Evolution of the Avian Cranium, Paedomorphosis, and the Beak as a Surrogate Hand. Integrative and Comparative Biology, 2016, 56, 389-403.	0.9	74
5	Ecological factors drive natural selection pressure of avian aryl hydrocarbon receptor 1 genotypes. Scientific Reports, 2016, 6, 27526.	1.6	10
6	Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. BMC Evolutionary Biology, 2016, 16, 230.	3.2	38
7	A roller-like bird (Coracii) from the Early Eocene of Denmark. Scientific Reports, 2016, 6, 34050.	1.6	9
8	PhyInformR: phylogenetic experimental design and phylogenomic data exploration in R. BMC Evolutionary Biology, 2016, 16, 262.	3.2	39
9	Ancient mitochondrial genomes clarify the evolutionary history of New Zealandâ€™s enigmatic acanthisittid wrens. Molecular Phylogenetics and Evolution, 2016, 102, 295-304.	1.2	26
10	A tree of geese: A phylogenomic perspective on the evolutionary history of True Geese. Molecular Phylogenetics and Evolution, 2016, 101, 303-313.	1.2	39
11	On the taxonomy and osteology of the Early Eocene North American Geranoididae (Aves, Gruoidea). Swiss Journal of Palaeontology, 2016, 135, 315-325.	0.7	11
12	Sequence capture by hybridization to explore modern and ancient genomic diversity in model and nonmodel organisms. Nucleic Acids Research, 2016, 44, 4504-4518.	6.5	69
13	The shapes of bird beaks are highly controlled by nondietary factors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5352-5357.	3.3	192
14	Fast Coalescent-Based Computation of Local Branch Support from Quartet Frequencies. Molecular Biology and Evolution, 2016, 33, 1654-1668.	3.5	650
15	Systematic and taphonomic insights of fossilized feathers: A new occurrence from the Oligocene of TaubatÃ© Basin (SE, Brazil). Journal of South American Earth Sciences, 2016, 72, 169-177.	0.6	3
16	Synchrotron imaging of dentition provides insights into the biology of Hesperornis and Ichthyornis, the â€œlastâ€•toothed birds. BMC Evolutionary Biology, 2016, 16, 178.	3.2	51
17	Body massâ€•corrected molecular rate for bird mitochondrial DNA. Molecular Ecology, 2016, 25, 4438-4449.	2.0	70
18	Phylogenomics Using Transcriptome Data. Methods in Molecular Biology, 2016, 1452, 65-80.	0.4	2

#	Article	IF	Citations
19	Fifty-seventh Supplement to the American Ornithologists' UnionCheck-list of North American Birds. Auk, 2016, 133, 544-560.	0.7	28
20	Irrational exuberance for resolved species trees. Evolution; International Journal of Organic Evolution, 2016, 70, 7-17.	1.1	177
21	Ancient horizontal transfers of retrotransposons between birds and ancestors of human pathogenic nematodes. Nature Communications, 2016, 7, 11396.	5.8	76
22	Avian feet, crocodilian food and the diversity of larger birds in the early Eocene of Messel. Palaeobiodiversity and Palaeoenvironments, 2016, 96, 601-609.	0.6	4
23	In silico phylogenomics using complete genomes: a case study on the evolution of hominoids. Genome Research, 2016, 26, 1257-1267.	2.4	12
24	An African Origin of the Eurylaimides (Passeriformes) and the Successful Diversification of the Ground-Foraging Pittas (Pittidae). Molecular Biology and Evolution, 2016, 34, msw250.	3.5	9
25	Diversification in wild populations of the model organism Anolis carolinensis : A genomeâ€wide phylogeographic investigation. Ecology and Evolution, 2016, 6, 8115-8125.	0.8	17
26	Misconceptions on Missing Data in RAD-seq Phylogenetics with a Deep-scale Example from Flowering Plants. Systematic Biology, 2017, 66, syw092.	2.7	167
27	Expanding anchored hybrid enrichment to resolve both deep and shallow relationships within the spider tree of life. BMC Evolutionary Biology, 2016, 16, 212.	3.2	147
28	Tectonic collision and uplift of Wallacea triggered the global songbird radiation. Nature Communications, 2016, 7, 12709.	5.8	183
29	Evolutionary Footprints of Short Tandem Repeats in Avian Promoters. Scientific Reports, 2016, 6, 19421.	1.6	15
30	Novel insights into early neuroanatomical evolution in penguins from the oldest described penguin brain endocast. Journal of Anatomy, 2016, 229, 228-238.	0.9	16
31	Mammal madness: is the mammal tree of life not yet resolved?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150140.	1.8	216
32	Multiple IgH Isotypes Including IgD, Subclasses of IgM, and IgY Are Expressed in the Common Ancestors of Modern Birds. Journal of Immunology, 2016, 196, 5138-5147.	0.4	25
33	Birds have primate-like numbers of neurons in the forebrain. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7255-7260.	3.3	438
34	Targeted sequencing for high-resolution evolutionary analyses following genome duplication in salmonid fish: Proof of concept for key components of the insulin-like growth factor axis. Marine Genomics, 2016, 30, 15-26.	0.4	16
35	Rapid and recent diversification of curassows, guans, and chachalacas (Galliformes: Cracidae) out of Mesoamerica: Phylogeny inferred from mitochondrial, intron, and ultraconserved element sequences. Molecular Phylogenetics and Evolution, 2016, 102, 320-330.	1.2	33
36	An introduction to plant phylogenomics with a focus on palms. Botanical Journal of the Linnean Society, 2016, 182, 234-255.	0.8	42

#	Article	IF	Citations
37	Vertebrate paleontological exploration of the Upper Cretaceous succession in the Dakhla and Kharga Oases, Western Desert, Egypt. Journal of African Earth Sciences, 2016, 117, 223-234.	0.9	17
38	BaitFisher: A Software Package for Multispecies Target DNA Enrichment Probe Design. Molecular Biology and Evolution, 2016, 33, 1875-1886.	3.5	71
39	Perspectives from the Avian Phylogenomics Project: Questions that Can Be Answered with Sequencing All Genomes of a Vertebrate Class. Annual Review of Animal Biosciences, 2016, 4, 45-59.	3.6	46
40	Nuclear introns outperform mitochondrial DNA in inter-specific phylogenetic reconstruction: Lessons from horseshoe bats (Rhinolophidae: Chiroptera). Molecular Phylogenetics and Evolution, 2016, 97, 196-212.	1.2	77
41	Avoiding Missing Data Biases in Phylogenomic Inference: An Empirical Study in the Landfowl (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	208
42	A phenology of the evolution of endothermy in birds and mammals. Biological Reviews, 2017, 92, 1213-1240.	4.7	99
43	Ultraconserved elements resolve the phylogeny of potoos (Aves: Nyctibiidae). Journal of Avian Biology, 2017, 48, 872-880.	0.6	14
44	Anchored phylogenomics improves the resolution of evolutionary relationships in the rapid radiation of Protea L.. American Journal of Botany, 2017, 104, 102-115.	0.8	108
45	Estrogen levels influence medullary bone quantity and density in female house finches and pine siskins. General and Comparative Endocrinology, 2017, 246, 249-257.	0.8	16
46	DNA barcoding of bird species in Cyprus: a tool for conservation purposes. Bird Conservation International, 2017, 27, 483-494.	0.7	9
47	Catastrophe triggers diversification. Nature, 2017, 542, 304-305.	13.7	4
48	Genome-wide interrogation advances resolution of recalcitrant groups in the tree of life. Nature Ecology and Evolution, 2017, 1, 20.	3.4	193
49	Evolution of iris colour in relation to cavity nesting and parental care in passerine birds. Biology Letters, 2017, 13, 20160783.	1.0	22
50	Covariation in levels of nucleotide diversity in homologous regions of the avian genome long after completion of lineage sorting. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162756.	1.2	50
51	A new species of Opisthodactylus Ameghino, 1891 (Aves, Rheidae), from the late Miocene of northwestern Argentina, with implications for the paleobiogeography and phylogeny of rheas. Journal of Vertebrate Paleontology, 2017, 37, e1278005.	0.4	9
52	Phylogeny and biogeography of the imperial pigeons (Aves: Columbidae) in the Pacific Ocean. Molecular Phylogenetics and Evolution, 2017, 110, 19-26.	1.2	13
53	New insights on the sister lineage of percomorph fishes with an anchored hybrid enrichment dataset. Molecular Phylogenetics and Evolution, 2017, 110, 27-38.	1.2	40
54	Evolution: Flight of the Ratites. Current Biology, 2017, 27, R110-R113.	1.8	6

#	Article	IF	Citations
55	Global patterns in the divergence between phylogenetic diversity and species richness in terrestrial birds. Journal of Biogeography, 2017, 44, 709-721.	1.4	68
56	A pilot study applying the plant Anchored Hybrid Enrichment method to New World sages (Salvia) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	70
57	Genomeâ€wide survey of nuclear proteinâ€coding markers for beetle phylogenetics and their application in resolving both deep and shallowâ€level divergences. Molecular Ecology Resources, 2017, 17, 1342-1358.	2.2	31
58	Aviisotricha hoazini n. gen., n. sp., the Morphology and Molecular Phylogeny of an Anaerobic Ciliate from the Crop of the Hoatzin (Opisthocomus hoazin), the Cow Among the Birds. Protist, 2017, 168, 335-351.	0.6	15
59	Variation in seed size is structured by dispersal syndrome and cone morphology in conifers and other nonflowering seed plants. New Phytologist, 2017, 216, 429-437.	3.5	53
60	Speciesâ€™ traits influenced their response to recent climate change. Nature Climate Change, 2017, 7, 205-208.	8.1	272
61	Complex biogeographic scenarios revealed in the diversification of the largest woodpecker radiation in the New World. Molecular Phylogenetics and Evolution, 2017, 112, 53-67.	1.2	15
62	Biogeographical transitions in the Sierra Madre Oriental, Mexico, shown by chorological and evolutionary biogeographical affinities of passerine birds (Aves: Passeriformes). Journal of Biogeography, 2017, 44, 2145-2160.	1.4	15
63	Squamate Conserved Loci (Sq<scp>CL</scp>): A unified set of conserved loci for phylogenomics and population genetics of squamate reptiles. Molecular Ecology Resources, 2017, 17, e12-e24.	2.2	36
64	ModelFinder: fast model selection for accurate phylogenetic estimates. Nature Methods, 2017, 14, 587-589.	9.0	9,486
65	How do seemingly non-vagile clades accomplish trans-marine dispersal? Trait and dispersal evolution in the landfowl (Aves: Galliformes). Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170210.	1.2	45
66	The mitochondrial genomes of Atlas Geckos (Quedenfeldtia): mitogenome assembly from transcriptomes and anchored hybrid enrichment datasets. Mitochondrial DNA Part B: Resources, 2017, 2, 356-358.	0.2	5
67	Taxonomic review of the late Cenozoic megapodes (Galliformes: Megapodiidae) of Australia. Royal Society Open Science, 2017, 4, 170233.	1.1	11
68	Conserved Nonexonic Elements: A Novel Class of Marker for Phylogenomics. Systematic Biology, 2017, 66, 1028-1044.	2.7	46
69	How birds direct impulse to minimize the energetic cost of foraging flight. Science Advances, 2017, 3, e1603041.	4.7	33
70	Recalcitrant deep and shallow nodes in Aristolochia (Aristolochiaceae) illuminated using anchored hybrid enrichment. Molecular Phylogenetics and Evolution, 2017, 117, 111-123.	1.2	56
71	Phylogenomics using Target-restricted Assembly Resolves Intra-generic Relationships of Parasitic Lice (Phthiraptera: Columbicola). Systematic Biology, 2017, 66, syx027.	2.7	22
72	More on the Best Evolutionary Rate for Phylogenetic Analysis. Systematic Biology, 2017, 66, 769-785.	2.7	48

#	Article	IF	Citations
73	Thermoregulation in freeâ€ranging ground woodpeckers Geocolaptes olivaceus: no evidence of torpor. Journal of Avian Biology, 2017, 48, 1287-1294.	0.6	6
74	Multi-cored vortices support function of slotted wing tips of birds in gliding and flapping flight. Journal of the Royal Society Interface, 2017, 14, 20170099.	1.5	32
75	Avian brains: Insights from development, behaviors and evolution. Development Growth and Differentiation, 2017, 59, 244-257.	0.6	22
76	The phylogeny and biogeography of Hakea (Proteaceae) reveals the role of biome shifts in a continental plant radiation. Evolution; International Journal of Organic Evolution, 2017, 71, 1928-1943.	1.1	60
77	Genomewide patterns of variation in genetic diversity are shared among populations, species and higherâ€order taxa. Molecular Ecology, 2017, 26, 4284-4295.	2.0	75
78	Why Do Phylogenomic Data Sets Yield Conflicting Trees? Data Type Influences the Avian Tree of Life more than Taxon Sampling. Systematic Biology, 2017, 66, 857-879.	2.7	242
79	Tropical secondary forest regeneration conserves high levels of avian phylogenetic diversity. Biological Conservation, 2017, 209, 432-439.	1.9	43
80	Perpendicular axes of differentiation generated by mitochondrial introgression. Molecular Ecology, 2017, 26, 3241-3255.	2.0	28
81	Recurrent DCC gene losses during bird evolution. Scientific Reports, 2017, 7, 37569.	1.6	19
82	Using phylogenomics to understand the link between biogeographic origins and regional diversification in ratsnakes. Molecular Phylogenetics and Evolution, 2017, 111, 206-218.	1.2	36
83	Bone histological correlates of soaring and high-frequency flapping flight in the furculae of birds. Zoology, 2017, 122, 90-99.	0.6	15
84	Cranial joint histology in the mallard duck (Anas platyrhynchos): new insights on avian cranial kinesis. Journal of Anatomy, 2017, 230, 444-460.	0.9	14
85	Supermatrix phylogeny and biogeography of the Australasian Meliphagides radiation (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262 T	1.2	77
86	Inferring flight parameters of Mesozoic avians through multivariate analyses of forelimb elements in their living relatives. Paleobiology, 2017, 43, 144-169.	1.3	22
87	Phylogenomics and Morphology of Extinct Paleognaths Reveal the Origin and Evolution of the Ratites. Current Biology, 2017, 27, 68-77.	1.8	123
88	Sex-biased microRNA expression in mammals and birds reveals underlying regulatory mechanisms and a role in dosage compensation. Genome Research, 2017, 27, 1961-1973.	2.4	42
89	Mosaic genome evolution in a recent and rapid avian radiation. Nature Ecology and Evolution, 2017, 1, 1912-1922.	3.4	93
90	Water lilies as emerging models for Darwinâ€™s abominable mystery. Horticulture Research, 2017, 4, 17051.	2.9	30

#	Article	IF	Citations
91	Insight into the growth pattern and bone fusion of basal birds from an Early Cretaceous enantiornithine bird. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11470-11475.	3.3	27
92	The evolution of giant flightless birds and novel phylogenetic relationships for extinct fowl (Aves,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	65
93	Complete mitochondrial genome of Porzana fusca and Porzana pusilla and phylogenetic relationship of 16 Rallidae species. Genetica, 2017, 145, 559-573.	0.5	3
94	Fragmentary Gene Sequences Negatively Impact Gene Tree and Species Tree Reconstruction. Molecular Biology and Evolution, 2017, 34, 3279-3291.	3.5	73
95	The skull roof tracks the brain during the evolution and development of reptiles including birds. Nature Ecology and Evolution, 2017, 1, 1543-1550.	3.4	77
96	A biologistâ€™s guide to Bayesian phylogenetic analysis. Nature Ecology and Evolution, 2017, 1, 1446-1454.	3.4	154
97	Tapping the woodpecker tree for evolutionary insight. Molecular Phylogenetics and Evolution, 2017, 116, 182-191.	1.2	54
98	Sex Reversal and Comparative Data Undermine the W Chromosome and Support Z-linked DMRT1 as the Regulator of Gonadal Sex Differentiation in Birds. Endocrinology, 2017, 158, 2970-2987.	1.4	48
99	Detecting ancient codispersals and host shifts by double dating of host and parasite phylogenies: Application in proctophyllodid feather mites associated with passerine birds. Evolution; International Journal of Organic Evolution, 2017, 71, 2381-2397.	1.1	29
100	Increasing phylogenetic support for explosively radiating taxa: The promise of highâ€throughput sequencing for Oxytropis (Fabaceae). Journal of Systematics and Evolution, 2017, 55, 385-404.	1.6	39
101	Scaling and functional morphology in strigiform hind limbs. Scientific Reports, 2017, 7, 44920.	1.6	9
102	Inferring the shallow phylogeny of true salamanders (Salamandra) by multiple phylogenomic approaches. Molecular Phylogenetics and Evolution, 2017, 115, 16-26.	1.2	44
103	The development of scientific consensus: Analyzing conflict and concordance among avian phylogenies. Molecular Phylogenetics and Evolution, 2017, 116, 69-77.	1.2	21
104	Phylogenomic Resolution of the Phylogeny of Laurasiatherian Mammals: Exploring Phylogenetic Signals within Coding and Noncoding Sequences. Genome Biology and Evolution, 2017, 9, 1998-2012.	1.1	65
105	Field Measurements of Gastrointestinal pH of New World Vultures in Guyana. Journal of Raptor Research, 2017, 51, 465-469.	0.2	7
106	Ticks parasitised feathered dinosaurs as revealed by Cretaceous amber assemblages. Nature Communications, 2017, 8, 1924.	5.8	79
107	Sexual monomorphism in wing loading and wing aspect ratio in Black Vulture (Coragyps) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 T Washington, 2017, 130, 240-249.	0.3	8
108	A workflow of massive identification and application of intron markers using snakes as a model. Ecology and Evolution, 2017, 7, 10042-10055.	0.8	10

#	Article	IF	Citations
109	Maximizing Power in Phylogenetics and Phylogenomics: A Perspective Illuminated by Fungal Big Data. Advances in Genetics, 2017, 100, 1-47.	0.8	28
110	The sensory trigeminal complex and the organization of its primary afferents in the zebra finch (Taeniopygia guttata). Journal of Comparative Neurology, 2017, 525, 2820-2831.	0.9	6
111	Early Paleocene landbird supports rapid phylogenetic and morphological diversification of crown birds after the Kâ€“Pg mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8047-8052.	3.3	66
112	Big-time insights from a tiny bird fossil. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7750-7752.	3.3	4
113	Distinct developmental pathways underlie independent losses of flight in ratites. Biology Letters, 2017, 13, 20170234.	1.0	22
114	Effects of phylogeny and locomotor style on the allometry of body mass and pelvic dimensions in birds. Journal of Anatomy, 2017, 231, 342-358.	0.9	16
115	Talpid Mole Phylogeny Unites Shrew Moles and Illuminates Overlooked Cryptic Species Diversity. Molecular Biology and Evolution, 2017, 34, 78-87.	3.5	36
116	Fast and Accurate Estimates of Divergence Times from Big Data. Molecular Biology and Evolution, 2017, 34, 45-50.	3.5	52
117	Resources for phylogenomic analyses of Australian terrestrial vertebrates. Molecular Ecology Resources, 2017, 17, 869-876.	2.2	13
118	Resolution of a concatenation/coalescence kerfuffle: partitioned coalescence support and a robust familyâ€level tree for Mammalia. Cladistics, 2017, 33, 295-332.	1.5	70
119	Global loss of avian evolutionary uniqueness in urban areas. Global Change Biology, 2017, 23, 2990-2998.	4.2	121
120	Anchored Hybrid Enrichment-Based Phylogenomics of Leafhoppers and Treehoppers (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	110
121	A well-preserved new mid-paleocene penguin (Aves, Sphenisciformes) from the Waipara Greensand in New Zealand. Journal of Vertebrate Paleontology, 2017, 37, e1398169.	0.4	20
122	Anatomical evidence for scent guided foraging in the turkey vulture. Scientific Reports, 2017, 7, 17408.	1.6	36
123	Change of Title: Microarrays Becomes High-Throughput. High-Throughput, 2017, 6, 10.	4.4	1
124	Comparative analysis estimates the relative frequencies of co-divergence and cross-species transmission within viral families. PLoS Pathogens, 2017, 13, e1006215.	2.1	224
125	A novel mitochondrial genome of Arborophila and new insight into Arborophila evolutionary history. PLoS ONE, 2017, 12, e0181649.	1.1	14
126	Unique genome organization of non-mammalian papillomaviruses provides insights into the evolution of viral early proteins. Virus Evolution, 2017, 3, vex027.	2.2	51

#	Article	IF	Citations
127	Evolution of Avian Brood Parasitism and Phylogenetic History of Brood Parasites. Fascinating Life Sciences, 2017, , 43-59.	0.5	7
128	Northern Spotted Owl (Strix occidentalis caurina) Genome: Divergence with the Barred Owl (Strix) Tj ETQq1 1 0.784314 rgBT /Overlo 2522-2545.	1.1	27
129	The Role of Endocasts in the Study of Brain Evolution. , 2017, , 223-241.		24
130	On the taxonomic composition and phylogenetic affinities of the recently proposed clade Vegaviidae AgnolÃn etÂal., 2017 â€' neornithine birds from the Upper Cretaceous of the Southern Hemisphere. Cretaceous Research, 2018, 86, 178-185.	0.6	30
131	Global elevational diversity and diversification of birds. Nature, 2018, 555, 246-250.	13.7	264
132	The influence of biogeographic history on the functional and phylogenetic diversity of passerine birds in savannas and forests of the Brazilian Amazon. Ecology and Evolution, 2018, 8, 3617-3627.	0.8	7
133	Land to sea transitions in vertebrates: the dynamics of colonization. Paleobiology, 2018, 44, 237-250.	1.3	22
134	Genome-wide CRISPR screen reveals SGOL1 as a druggable target of sorafenib-treated hepatocellular carcinoma. Laboratory Investigation, 2018, 98, 734-744.	1.7	40
135	Mitochondrial phylogenomics, the origin of swallowtail butterflies, and the impact of the number of clocks in <scp>B</scp>ayesian molecular dating. Systematic Entomology, 2018, 43, 460-480.	1.7	34
136	Indirect evidence for body size reduction in a flightless island bird after human colonisation. Journal of Ornithology, 2018, 159, 823-826.	0.5	3
137	Comprehensive molecular phylogeny of barn owls and relatives (Family: Tytonidae), and their six major Pleistocene radiations. Molecular Phylogenetics and Evolution, 2018, 125, 127-137.	1.2	38
138	Neutral Theory and the Somatic Evolution of Cancer. Molecular Biology and Evolution, 2018, 35, 1308-1315.	3.5	26
139	A global analysis of selection at the avian MHC. Evolution; International Journal of Organic Evolution, 2018, 72, 1278-1293.	1.1	43
140	The G protein-coupled receptor GPR34 â€" The past 20â€" years of a grownup. , 2018, 189, 71-88.		29
141	Comprehensive molecular phylogeny of the grassbirds and allies (Locustellidae) reveals extensive non-monophyly of traditional genera, and a proposal for a new classification. Molecular Phylogenetics and Evolution, 2018, 127, 367-375.	1.2	19
142	Functional morphology of the cranioâ€mandibular complex of the Guira cuckoo (Aves). Journal of Morphology, 2018, 279, 780-791.	0.6	7
143	Phylogeny of a cosmopolitan family of morphologically conserved trapdoor spiders (Mygalomorphae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Pocock 1901. Molecular Phylogenetics and Evolution, 2018, 126, 303-313.	1.2	33
144	HiMAP: Robust phylogenomics from highly multiplexed amplicon sequencing. Molecular Ecology Resources, 2018, 18, 1000-1019.	2.2	30

#	Article	IF	Citations
145	Haemaphysalis cretaceaa nymph of a new species of hard tick in Burmese amber. Parasitology, 2018, 145, 1440-1451.	0.7	12
146	Mitogenomes of two neotropical bird species and the multiple independent origin of mitochondrial gene orders in Passeriformes. Molecular Biology Reports, 2018, 45, 279-285.	1.0	24
147	Parrots move to centre stage in conservation and evolution. Emu, 2018, 118, 1-6.	0.2	7
148	Mode and Rate of Evolution of Haemosporidian Mitochondrial Genomes: Timing the Radiation of Avian Parasites. Molecular Biology and Evolution, 2018, 35, 383-403.	3.5	122
149	Developmental origins of mosaic evolution in the avian cranium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 555-560.	3.3	171
150	All iguana families with the exception of basilisks share sex chromosomes. Zoology, 2018, 126, 98-102.	0.6	33
151	Endless skulls most beautiful. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 448-450.	3.3	9
152	Using Phylogenomic Data to Explore the Effects of Relaxed Clocks and Calibration Strategies on Divergence Time Estimation: Primates as a Test Case. Systematic Biology, 2018, 67, 594-615.	2.7	143
153	Phylogenomic Perspective on the Relationships and Evolutionary History of the Major Otocephalan Lineages. Scientific Reports, 2018, 8, 205.	1.6	21
154	Evaluating Fast Maximum Likelihood-Based Phylogenetic Programs Using Empirical Phylogenomic Data Sets. Molecular Biology and Evolution, 2018, 35, 486-503.	3.5	147
155	Phylogenomic Data Yield New and Robust Insights into the Phylogeny and Evolution of Weevils. Molecular Biology and Evolution, 2018, 35, 823-836.	3.5	93
156	On the universality of targetâ€enrichment baits for phylogenomic research. Methods in Ecology and Evolution, 2018, 9, 1453-1460.	2.2	51
157	A matter of phylogenetic scale: Distinguishing incomplete lineage sorting from lateral gene transfer as the cause of gene tree discord in recent versus deep diversification histories. American Journal of Botany, 2018, 105, 376-384.	0.8	45
158	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
159	Targeted Sampling and Target Capture: Assessing Phylogeographic Concordance with Genome-wide Data. Systematic Biology, 2018, 67, 979-996.	2.7	26
160	Wing bone geometry reveals active flight in Archaeopteryx. Nature Communications, 2018, 9, 923.	5.8	42
161	Explosive diversification of marine fishes at the Cretaceousâ€“Palaeogene boundary. Nature Ecology and Evolution, 2018, 2, 688-696.	3.4	156
162	Resolving Relationships among the Megadiverse Butterflies and Moths with a Novel Pipeline for Anchored Phylogenomics. Systematic Biology, 2018, 67, 78-93.	2.7	161

#	Article	IF	Citations
163	Resolving Rapid Radiations within Angiosperm Families Using Anchored Phylogenomics. Systematic Biology, 2018, 67, 94-112.	2.7	102
164	Morphology of the copulatory organ in Ortalis canicollis (Aves: Cracidae) and early evolution of the phallus in birds. Acta Zoologica, 2018, 99, 42-51.	0.6	4
165	Genomic Signature of an Avian Lilliput Effect across the K-Pg Extinction. Systematic Biology, 2018, 67, 1-13.	2.7	98
166	Validation of loopâ€mediated isothermal amplification for fast and portable sex determination across the phylogeny of birds. Molecular Ecology Resources, 2018, 18, 251-263.	2.2	14
167	Phylogenomic support for evolutionary relationships of New World direct-developing frogs (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	74
168	Independent pseudogenization of CYP2J19 in penguins, owls and kiwis implicates gene in red carotenoid synthesis. Molecular Phylogenetics and Evolution, 2018, 118, 47-53.	1.2	22
169	Vocal plasticity in mallards: multiple signal changes in noise and the evolution of the Lombard effect in birds. Journal of Avian Biology, 2018, 49, jav-01564.	0.6	6
170	The ancient DNA revolution: the latest era in unearthing New Zealandâ€™s faunal history. New Zealand Journal of Zoology, 2018, 45, 91-120.	0.6	9
171	Anchored hybrid enrichment provides new insights into the phylogeny and evolution of longhorned beetles (<scp>C</scp>erambycidae). Systematic Entomology, 2018, 43, 68-89.	1.7	73
172	Comparative hindlimb myology of footâ€propelled swimming birds. Journal of Anatomy, 2018, 232, 105-123.	0.9	28
173	Evolution of lacewings and allied orders using anchored phylogenomics (<scp>N</scp>europtera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	133
174	Bat Biology, Genomes, and the Bat1K Project: To Generate Chromosome-Level Genomes for All Living Bat Species. Annual Review of Animal Biosciences, 2018, 6, 23-46.	3.6	166
175	Genomes of the Hymenoptera. Current Opinion in Insect Science, 2018, 25, 65-75.	2.2	63
176	A phylogeny of kingfishers reveals an Indomalayan origin and elevated rates of diversification on oceanic islands. Journal of Biogeography, 2018, 45, 269-281.	1.4	49
177	Evolutionary dynamism in bryophytes: Phylogenomic inferences confirm rapid radiation in the moss family Funariaceae. Molecular Phylogenetics and Evolution, 2018, 120, 240-247.	1.2	33
178	A systematic reappraisal of the Rufous Potoo Nyctibius bracteatus (Nyctibiidae) and description of a new genus. Journal of Ornithology, 2018, 159, 367-377.	0.5	6
179	Genome size and brain cell density in birds. Canadian Journal of Zoology, 2018, 96, 379-382.	0.4	4
180	Bayesian molecular dating: opening up the black box. Biological Reviews, 2018, 93, 1165-1191.	4.7	128

#	Article	IF	Citations
181	Recovering the evolutionary history of crowned pigeons (Columbidae: Goura): Implications for the biogeography and conservation of New Guinean lowland birds. Molecular Phylogenetics and Evolution, 2018, 120, 248-258.	1.2	27
182	On the importance of homology in the age of phylogenomics. Systematics and Biodiversity, 2018, 16, 210-228.	0.5	78
183	Resolving taxonomic turbulence and uncovering cryptic diversity in the musk turtles (Sternotherus) using robust demographic modeling. Molecular Phylogenetics and Evolution, 2018, 120, 1-15.	1.2	23
184	Multiple origins of secondary temporal fenestrae and orbitozygomatic junctions in birds. Journal of Zoological Systematics and Evolutionary Research, 2018, 56, 248-269.	0.6	8
185	Cophylogenetic analysis of lice in the Colpocephalum complex (Phthiraptera: Amblycera). Zoologica Scripta, 2018, 47, 72-83.	0.7	9
186	Improvements in the fossil record may largely resolve current conflicts between morphological and molecular estimates of mammal phylogeny. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181632.	1.2	29
187	Reconstruction of avian ancestral karyotypes reveals differences in the evolutionary history of macro- and microchromosomes. Genome Biology, 2018, 19, 155.	3.8	44
188	Modeling Avian Distributions and Niches: Insights into Invasions and Speciation in Birds. Fascinating Life Sciences, 2018, , 147-164.	0.5	5
189	The Karyotype of the Hoatzin (<i>Opisthocomus hoazin</i>) - A Phylogenetic Enigma of the Neornithes. Cytogenetic and Genome Research, 2018, 156, 158-164.	0.6	5
190	Cancellous bone and theropod dinosaur locomotion. Part Iâ€”an examination of cancellous bone architecture in the hindlimb bones of theropods. PeerJ, 2018, 6, e5778.	0.9	32
191	Comparative mitogenomic analyses of Amazona parrots and Psittaciformes. Genetics and Molecular Biology, 2018, 41, 593-604.	0.6	5
192	History is written by the victors: The effect of the push of the past on the fossil record. Evolution; International Journal of Organic Evolution, 2018, 72, 2276-2291.	1.1	61
193	Paleotropical Diversification Dominates the Evolution of the Hyperdiverse Ant Tribe Crematogastrini (Hymenoptera: Formicidae). Insect Systematics and Diversity, 2018, 2, .	0.7	27
194	Genetic and Molecular Basis of Feather Diversity in Birds. Genome Biology and Evolution, 2018, 10, 2572-2586.	1.1	40
195	A fly in a tube: Macroevolutionary expectations for integrated phenotypes. Evolution; International Journal of Organic Evolution, 2018, 72, 2580-2594.	1.1	100
196	So many genes, so little time: A practical approach to divergence-time estimation in the genomic era. PLoS ONE, 2018, 13, e0197433.	1.1	167
197	New insight into parrotsâ€™ mitogenomes indicates that their ancestor contained a duplicated region. Molecular Biology and Evolution, 2018, 35, 2989-3009.	3.5	19
198	The evolution of UDP-glycosyl/glucuronosyltransferase 1E (UGT1E) genes in bird lineages is linked to feeding habits but UGT2 genes is not. PLoS ONE, 2018, 13, e0205266.	1.1	4

#	Article	IF	Citations
199	Vertebral morphometrics and lung structure in non-avian dinosaurs. Royal Society Open Science, 2018, 5, 180983.	1.1	17
200	Genome Sequence of Peacock Reveals the Peculiar Case of a Glittering Bird. Frontiers in Genetics, 2018, 9, 392.	1.1	32
201	Phylogenetic analysis of Antarctic notothenioids illuminates the utility of RADseq for resolving Cenozoic adaptive radiations. Molecular Phylogenetics and Evolution, 2018, 129, 268-279.	1.2	69
202	A simple strategy for recovering ultraconserved elements, exons, and introns from low coverage shotgun sequencing of museum specimens: Placement of the partridge genus Tropicoperdix within the galliformes. Molecular Phylogenetics and Evolution, 2018, 129, 304-314.	1.2	13
203	Noise and biases in genomic data may underlie radically different hypotheses for the position of Iguania within Squamata. PLoS ONE, 2018, 13, e0202729.	1.1	25
204	Differential post-fledging habitat use of Nearctic-Neotropical migratory birds within an urbanized landscape. Movement Ecology, 2018, 6, 17.	1.3	6
205	Global Rate Variation in Bony Vertebrates. Genome Biology and Evolution, 2018, 10, 1803-1815.	1.1	28
206	Scaling of avian bipedal locomotion reveals independent effects of body mass and leg posture on gait. Journal of Experimental Biology, 2018, 221, .	0.8	40
207	Simultaneous radiation of bird and mammal lice following the K-Pg boundary. Biology Letters, 2018, 14, 20180141.	1.0	33
208	Early Evolution of Modern Birds Structured by Global Forest Collapse at the End-Cretaceous Mass Extinction. Current Biology, 2018, 28, 1825-1831.e2.	1.8	116
209	Early Cretaceous greenhouse pumped higher taxa diversification in spiders. Molecular Phylogenetics and Evolution, 2018, 127, 146-155.	1.2	38
210	Differences in Performance among Test Statistics for Assessing Phylogenomic Model Adequacy. Genome Biology and Evolution, 2018, 10, 1375-1388.	1.1	13
211	Phylogenomics clarifies repeated evolutionary origins of inbreeding and fungus farming in bark beetles (Curculionidae, Scolytinae). Molecular Phylogenetics and Evolution, 2018, 127, 229-238.	1.2	49
212	Museum specimens provide phylogenomic data to resolve relationships of sackâ€bearer moths (<scp>L</scp>epidoptera, <scp>M</scp>imallonoidea, <scp>M</scp>imallonidae). Systematic Entomology, 2018, 43, 729-761.	1.7	35
213	Insulinlike Growth Factor 1 Gene Variation in Vertebrates. Endocrinology, 2018, 159, 2288-2305.	1.4	18
214	Asynchronous evolution of interdependent nest characters across the avian phylogeny. Nature Communications, 2018, 9, 1863.	5.8	48
215	Phylogeny, Taxonomy, and Geographic Diversity of Diurnal Raptors: Falconiformes, Accipitriformes, and Cathartiformes. , 2018, , 3-32.		44
216	Tetrapods on the EDGE: Overcoming data limitations to identify phylogenetic conservation priorities. PLoS ONE, 2018, 13, e0194680.	1.1	85

#	Article	IF	Citations
217	Analyses of phenotypic differentiations among South Georgian Diving Petrel (Pelecanoides georgicus) populations reveal an undescribed and highly endangered species from New Zealand. PLoS ONE, 2018, 13, e0197766.	1.1	23
218	The soft explosive model of placental mammal evolution. BMC Evolutionary Biology, 2018, 18, 104.	3.2	35
219	Anchored phylogenomics illuminates the skipper butterfly tree of life. BMC Evolutionary Biology, 2018, 18, 101.	3.2	47
220	Interference competition pressure predicts the number of avian predators that shifted their timing of activity. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180744.	1.2	5
221	Karyotype Evolution in Birds: From Conventional Staining to Chromosome Painting. Genes, 2018, 9, 181.	1.0	65
222	Visual field shape and foraging ecology in diurnal raptors. Journal of Experimental Biology, 2018, 221, .	0.8	20
223	Phylogenomic analysis on the exceptionally diverse fish clade Gobioidei (Actinopterygii: Gobiiformes) and data-filtering based on molecular clocklikeness. Molecular Phylogenetics and Evolution, 2018, 128, 192-202.	1.2	32
224	Exploring data processing strategies in NGS target enrichment to disentangle radiations in the tribe Cardueae (Compositae). Molecular Phylogenetics and Evolution, 2018, 128, 69-87.	1.2	38
225	Anchored hybrid enrichment generated nuclear, plastid and mitochondrial markers resolve the Lepanthes horrida (Orchidaceae: Pleurothallidinae) species complex. Molecular Phylogenetics and Evolution, 2018, 129, 27-47.	1.2	42
226	Parasitaemia data and molecular characterization of Haemoproteus catharti from New World vultures (Cathartidae) reveals a novel clade of Haemosporida. Malaria Journal, 2018, 17, 12.	0.8	16
227	Anchored phylogenomics unravels the evolution of spider flies (Diptera, Acroceridae) and reveals discordance between nucleotides and amino acids. Molecular Phylogenetics and Evolution, 2018, 128, 233-245.	1.2	35
228	Correlates of rate heterogeneity in avian ecomorphological traits. Ecology Letters, 2018, 21, 1505-1514.	3.0	36
229	The Lombard Effect: From Acoustics to Neural Mechanisms. Trends in Neurosciences, 2018, 41, 938-949.	4.2	68
230	Comparative chromosome painting in Columbidae (Columbiformes) reinforces divergence in Passerea and Columbea. Chromosome Research, 2018, 26, 211-223.	1.0	15
231	The critically endangered forest owlet Heteroglaux blewitti is nested within the currently recognized Athene clade: A century-old debate addressed. PLoS ONE, 2018, 13, e0192359.	1.1	8
232	Analyzing Contentious Relationships and Outlier Genes in Phylogenomics. Systematic Biology, 2018, 67, 916-924.	2.7	69
233	Connecting Amazonian, Cerrado, and Atlantic forest histories: Paraphyly, old divergences, and modern population dynamics in tyrant-manakins (Neopelma/Tyranneutes, Aves: Pipridae). Molecular Phylogenetics and Evolution, 2018, 127, 696-705.	1.2	26
234	Fifty-ninth Supplement to the American Ornithological Society'sCheck-list of North American Birds. Auk, 2018, 135, 798-813.	0.7	24

#	Article	IF	Citations
235	Mitochondrial Divergence between Western and Eastern Great Bustards: Implications for Conservation and Species Status. Journal of Heredity, 2018, 109, 641-652.	1.0	5
236	Phylogenomic Evidence Overturns Current Conceptions of Social Evolution in Wasps (Vespidae). Molecular Biology and Evolution, 2018, 35, 2097-2109.	3.5	108
237	Evidence for a duplicated mitochondrial region in Audubonâ€™s shearwater based on MinION sequencing. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2019, 30, 256-263.	0.7	7
238	Molecular evidence suggests radical revision of species limits in the great speciator white-eye genus Zosterops. Journal of Ornithology, 2019, 160, 1-16.	0.5	27
239	Optimal Rates for Phylogenetic Inference and Experimental Design in the Era of Genome-Scale Data Sets. Systematic Biology, 2019, 68, 145-156.	2.7	51
240	A comparative study of avian pes morphotypes, and the functional implications of Australian raptor pedal flexibility. Emu, 2019, 119, 14-23.	0.2	14
241	Deep Macroevolutionary Impact of Humans on New Zealandâ€™s Unique Avifauna. Current Biology, 2019, 29, 2563-2569.e4.	1.8	16
242	Why study plovers? The significance of non-model organisms in avian ecology, behaviour and evolution. Journal of Ornithology, 2019, 160, 923-933.	0.5	22
243	Avian Binocularity and Adaptation to Nocturnal Environments: Genomic Insights from a Highly Derived Visual Phenotype. Genome Biology and Evolution, 2019, 11, 2244-2255.	1.1	12
244	The phylogenomics of diversification on an island: applying anchored hybrid enrichment to New Zealand Leptospermum scoparium (Myrtaceae). Botanical Journal of the Linnean Society, 2019, 191, 1-17.	0.8	14
245	Cranial anatomy of the predatory actinopterygian Brazilichthys macrognathus from the Permian (Cisuralian) Pedra de Fogo Formation, ParnaÃba Basin, Brazil. Journal of Vertebrate Paleontology, 2019, 39, e1639722.	0.4	10
246	Evolution of avian egg shape: underlying mechanisms and the importance of taxonomic scale. Ibis, 2019, 161, 922-925.	1.0	24
247	New Material of Paleocene-Eocene Pellornis (Aves: Gruiformes) Clarifies the Pattern and Timing of the Extant Gruiform Radiation. Diversity, 2019, 11, 102.	0.7	18
248	Glycan diversity in the course of vertebrate evolution. Glycobiology, 2019, 29, 625-644.	1.3	7
249	A Phylogenomic Supertree of Birds. Diversity, 2019, 11, 109.	0.7	93
250	Comparative Phylogenomics, a Stepping Stone for Bird Biodiversity Studies. Diversity, 2019, 11, 115.	0.7	26
251	Bayesian tip dating reveals heterogeneous morphological clocks in Mesozoic birds. Royal Society Open Science, 2019, 6, 182062.	1.1	30
252	Multiphase progenetic development shaped the brain of flying archosaurs. Scientific Reports, 2019, 9, 10807.	1.6	28

#	Article	IF	Citations
253	Sorting out the Snakebirds: The species status, phylogeny, and biogeography of the Darters (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	6
254	Implications of a Dating Analysis of Hippoboscoidea (Diptera) for the Origins of Phoresis in Feather Lice (Psocodea: Phthiraptera: Philopteridae). Insect Systematics and Diversity, 2019, 3, .	0.7	7
255	Phylogenetic Signal of Indels and the Neoavian Radiation. Diversity, 2019, 11, 108.	0.7	33
256	Rapid diversification of alpine bamboos associated with the uplift of the Hengduan Mountains. Journal of Biogeography, 2019, 46, 2678-2689.	1.4	52
257	Paleobiological forensic study of an upper MiocenePelobatestadpole (Anura, Pelobatidae) from the Tresjuncos lagerstÃtte of central Spain. Journal of Vertebrate Paleontology, 2019, 39, e1669615.	0.4	0
258	A Multireference-Based Whole Genome Assembly for the Obligate Ant-Following Antbird, Rhegmatorhina melanosticta (Thamnophilidae). Diversity, 2019, 11, 144.	0.7	13
259	Off-target capture data, endosymbiont genes and morphology reveal a relict lineage that is sister to all other singing cicadas. Biological Journal of the Linnean Society, 2019, 128, 865-886.	0.7	27
260	Range of motion in the avian wing is strongly associated with flight behavior and body mass. Science Advances, 2019, 5, eaaw6670.	4.7	34
261	Exceptional continental record of biotic recovery after the Cretaceousâ€“Paleogene mass extinction. Science, 2019, 366, 977-983.	6.0	122
262	Total-Evidence Framework Reveals Complex Morphological Evolution in Nightbirds (Strisores). Diversity, 2019, 11, 143.	0.7	20
263	Comparing the toepads of Australian diurnal and nocturnal raptors with nonpredatory taxa: Insights into functional morphology. Journal of Morphology, 2019, 280, 1682-1692.	0.6	5
264	Maple phylogeny and biogeography inferred from phylogenomic data. Journal of Systematics and Evolution, 2019, 57, 594-606.	1.6	51
265	Heightened nest loss in tropical forest fragments despite higher predator load in core forest. Tropical Ecology, 2019, 60, 281-287.	0.6	3
266	A Laurasian origin for a pantropical bird radiation is supported by genomic and fossil data (Aves:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	25
267	The complete mitochondrial genome of record-breaking migrant Arctic tern <i>(Sterna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td (pa	0.2	2
268	Auditory performance in bald eagles and red-tailed hawks: a comparative study of hearing in diurnal raptors. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 793-811.	0.7	13
269	Evolution of the vomer and its implications for cranial kinesis in Paraves. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19571-19578.	3.3	31
270	New Insight Into Avian Papillomavirus Ecology and Evolution From Characterization of Novel Wild Bird Papillomaviruses. Frontiers in Microbiology, 2019, 10, 701.	1.5	22

#	Article	IF	Citations
271	Resolving Phylogenetic Relationships within Passeriformes Based on Mitochondrial Genes and Inferring the Evolution of Their Mitogenomes in Terms of Duplications. Genome Biology and Evolution, 2019, 11, 2824-2849.	1.1	32
272	Flamingo-like footprints and the problem of addressing biological diversity in the past. Historical Biology, 2021, 33, 912-926.	0.7	4
273	Extracting phylogenetic signal from phylogenomic data: Higher-level relationships of the nightbirds (Strisores). Molecular Phylogenetics and Evolution, 2019, 141, 106611.	1.2	11
274	Genomes of Three Closely Related Caribbean Amazons Provide Insight for Species History and Conservation. Genes, 2019, 10, 54.	1.0	8
275	Golden Orbweavers Ignore Biological Rules: Phylogenomic and Comparative Analyses Unravel a Complex Evolution of Sexual Size Dimorphism. Systematic Biology, 2019, 68, 555-572.	2.7	83
276	A stem anseriform from the early Palaeocene of Antarctica provides new key evidence in the early evolution of waterfowl. Zoological Journal of the Linnean Society, 2019, 186, 673-700.	1.0	25
277	Evolutionary Integration and Modularity in the Archosaur Cranium. Integrative and Comparative Biology, 2019, 59, 371-382.	0.9	48
278	Convergent genomic signatures of flight loss in birds suggest a switch of main fuel. Nature Communications, 2019, 10, 2756.	5.8	24
279	Phylogenomic Analysis of a Putative Missing Link Sparks Reinterpretation of Leech Evolution. Genome Biology and Evolution, 2019, 11, 3082-3093.	1.1	22
280	Phylogenomics of Orchidaceae based on plastid and mitochondrial genomes. Molecular Phylogenetics and Evolution, 2019, 139, 106540.	1.2	65
281	Digital dissection of the head of the rock dove (Columba livia) using contrast-enhanced computed tomography. Zoological Letters, 2019, 5, 17.	0.7	21
282	Reproductive Ontogeny and the Evolution of Morphological Diversity in Conifers and Other Plants. Integrative and Comparative Biology, 2019, 59, 548-558.	0.9	10
283	Complex Gene Loss and Duplication Events Have Facilitated the Evolution of Multiple Loricrin Genes in Diverse Bird Species. Genome Biology and Evolution, 2019, 11, 984-1001.	1.1	12
284	Projected losses of global mammal and bird ecological strategies. Nature Communications, 2019, 10, 2279.	5.8	106
285	Attachment Patterns of Human and Avian Influenza Viruses to Trachea and Colon of 26 Bird Species â€“ Support for the Community Concept. Frontiers in Microbiology, 2019, 10, 815.	1.5	12
286	Tracing the evolution of novel features of human Tollâ€like receptor 4. Protein Science, 2019, 28, 1350-1358.	3.1	8
287	More than eating dirt: a review of avian geophagy. African Zoology, 2019, 54, 1-19.	0.2	29
288	Electron backscatter diffraction (EBSD) analysis of maniraptoran eggshells with important implications for microstructural and taphonomic interpretations. Palaeontology, 2019, 62, 777-803.	1.0	29

#	Article	IF	Citations
289	The multifactorial nature of beak and skull shape evolution in parrots and cockatoos (Psittaciformes). BMC Evolutionary Biology, 2019, 19, 104.	3.2	37
290	The Vav GEF Family: An Evolutionary and Functional Perspective. Cells, 2019, 8, 465.	1.8	48
291	Development of microsatellite loci for two New World vultures (Cathartidae). BMC Research Notes, 2019, 12, 257.	0.6	4
292	Palaeoproteomics of bird bones for taxonomic classification. Zoological Journal of the Linnean Society, 2019, 186, 650-665.	1.0	15
293	Germline-restricted chromosome (GRC) is widespread among songbirds. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11845-11850.	3.3	68
294	Tracking temporal shifts in area, biomes, and pollinators in the radiation of Salvia (sages) across continents: leveraging anchored hybrid enrichment and targeted sequence data. American Journal of Botany, 2019, 106, 573-597.	0.8	76
295	Whole-Genome Analyses Resolve the Phylogeny of Flightless Birds (Palaeognathae) in the Presence of an Empirical Anomaly Zone. Systematic Biology, 2019, 68, 937-955.	2.7	88
296	Feeding in Birds: Thriving in Terrestrial, Aquatic, and Aerial Niches. Fascinating Life Sciences, 2019, , 643-693.	0.5	18
297	New Genus and Two New Species of Chewing Lice from Southeast Asian Trogons (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 Td (T	0.4	9
298	Ecological niche modelling does not support climatically-driven dinosaur diversity decline before the Cretaceous/Paleogene mass extinction. Nature Communications, 2019, 10, 1091.	5.8	60
299	Relating neuromuscular control to functional anatomy of limb muscles in extant archosaurs. Journal of Morphology, 2019, 280, 666-680.	0.6	17
300	Convergent evolution of bird-mammal shared characteristics for adapting to nocturnality. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182185.	1.2	22
301	Phylogeny and herbivory are related to avian cecal size. Scientific Reports, 2019, 9, 4243.	1.6	20
302	Verbalizing phylogenomic conflict: Representation of node congruence across competing reconstructions of the neoavian explosion. PLoS Computational Biology, 2019, 15, e1006493.	1.5	2
303	Systemic distribution of medullary bone in the avian skeleton: ground truthing criteria for the identification of reproductive tissues in extinct Avemetatarsalia. BMC Evolutionary Biology, 2019, 19, 71.	3.2	33
304	Earth history and the passerine superradiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7916-7925.	3.3	238
305	Resolution of the ordinal phylogeny of mosses using targeted exons from organellar and nuclear genomes. Nature Communications, 2019, 10, 1485.	5.8	144
306	A new species of bristlebird (Passeriformes, Dasyornithidae) from the early Miocene of Australia. Journal of Vertebrate Paleontology, 2019, 39, e1575838.	0.4	3

#	Article	IF	Citations
307	Statistical binning leads to profound model violation due to gene tree error incurred by trying to avoid gene tree error. Molecular Phylogenetics and Evolution, 2019, 134, 164-171.	1.2	20
308	Feather arrays are patterned by interacting signalling and cell density waves. PLoS Biology, 2019, 17, e3000132.	2.6	91
309	Birdsong learning, avian cognition and the evolution of language. Animal Behaviour, 2019, 151, 217-227.	0.8	37
310	Oldest Finch-Beaked Birds Reveal Parallel Ecological Radiations in the Earliest Evolution of Passerines. Current Biology, 2019, 29, 657-663.e1.	1.8	34
311	Resolving the backbone of the Brassicaceae phylogeny for investigating trait diversity. New Phytologist, 2019, 222, 1638-1651.	3.5	123
312	Evolution of green lacewings (Neuroptera: Chrysopidae): an anchored phylogenomics approach. Systematic Entomology, 2019, 44, 514-526.	1.7	17
313	Global tradeâ€offs of functional redundancy and functional dispersion for birds and mammals. Global Ecology and Biogeography, 2019, 28, 484-495.	2.7	95
314	Mitochondrial Genomes from New Zealandâ€™s Extinct Adzebills (Aves: Aptornithidae: Aptornis) Support a Sister-Taxon Relationship with the Afro-Madagascan Sarothruridae. Diversity, 2019, 11, 24.	0.7	22
315	Bird Evolution: Convergence Fits the Bill. Current Biology, 2019, 29, R132-R134.	1.8	2
316	Mitogenomic evidence of close relationships between New Zealandâ€™s extinct giant raptors and small-sized Australian sister-taxa. Molecular Phylogenetics and Evolution, 2019, 134, 122-128.	1.2	17
317	Dietary niche and the evolution of cranial morphology in birds. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182677.	1.2	71
318	Symmetry breaking in the embryonic skin triggers directional and sequential plumage patterning. PLoS Biology, 2019, 17, e3000448.	2.6	29
319	Extensive host-switching of avian feather lice following the Cretaceous-Paleogene mass extinction event. Communications Biology, 2019, 2, 445.	2.0	20
320	Falcon genomics in the context of conservation, speciation, and human culture. Ecology and Evolution, 2019, 9, 14523-14537.	0.8	14
321	Higher-Level Phylogeny and Reclassification of Lampyridae (Coleoptera: Elateroidea). Insect Systematics and Diversity, 2019, 3, .	0.7	41
322	A Universal Probe Set for Targeted Sequencing of 353 Nuclear Genes from Any Flowering Plant Designed Using k-Medoids Clustering. Systematic Biology, 2019, 68, 594-606.	2.7	371
323	Melanosome diversity and convergence in the evolution of iridescent avian feathers-Implications for paleocolor reconstruction. Evolution; International Journal of Organic Evolution, 2019, 73, 15-27.	1.1	24
324	Phylogenomic Signatures of Ancient Introgression in a Rogue Lineage of Darters (Teleostei: Percidae). Systematic Biology, 2019, 68, 329-346.	2.7	42

#	Article	IF	Citations
325	The cranio-mandibular complex of the nightjar Systellura longirostris (Aves, Caprimulgiformes): functional relationship between osteology, myology and feeding. Zoology, 2019, 132, 6-16.	0.6	8
326	Significant Asiaâ€Europe divergence in the middle spotted woodpecker (Aves, Picidae). Zoologica Scripta, 2019, 48, 17-32.	0.7	13
327	Sight or smell: which senses do scavenging raptors use to find food?. Animal Cognition, 2019, 22, 49-59.	0.9	19
328	Phylogenomics from lowâ€coverage wholeâ€genome sequencing. Methods in Ecology and Evolution, 2019, 10, 507-517.	2.2	59
329	The phylogenetic placement of the enigmatic Indian Cormorant, Phalacrocorax fuscicollis (Phalacrocoracidae). Molecular Phylogenetics and Evolution, 2019, 130, 227-232.	1.2	3
330	Systematics of the Saharoâ€Arabian clade of the Palearctic nakedâ€toed geckos with the description of a new species ofTropiocolotesendemic to Oman. Journal of Zoological Systematics and Evolutionary Research, 2019, 57, 159-178.	0.6	7
331	Hybrid capture data unravel a rapid radiation of pimpliform parasitoid wasps (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 T	1.7	43
332	The evolutionary relationship among beak shape, mechanical advantage, and feeding ecology in modern birds*. Evolution; International Journal of Organic Evolution, 2019, 73, 422-435.	1.1	117
333	What are the roles of taxon sampling and model fit in tests of cyto-nuclear discordance using avian mitogenomic data?. Molecular Phylogenetics and Evolution, 2019, 130, 132-142.	1.2	30
334	Near-complete phylogeny and taxonomic revision of the worldâ€™s babblers (Aves: Passeriformes). Molecular Phylogenetics and Evolution, 2019, 130, 346-356.	1.2	72
335	A dedicated target capture approach reveals variable genetic markers across microâ€and macroâ€evolutionary time scales in palms. Molecular Ecology Resources, 2019, 19, 221-234.	2.2	42
336	Argasid and ixodid systematics: Implications for soft tick evolution and systematics, with a new argasid species list. Ticks and Tick-borne Diseases, 2019, 10, 219-240.	1.1	111
337	A fossil heron from the early Oligocene of Belgium: the earliest temporally wellâ€constrained record of the Ardeidae. Ibis, 2019, 161, 79-90.	1.0	4
338	The evolution, distribution and diversity of endogenous circoviral elements in vertebrate genomes. Virus Research, 2019, 262, 15-23.	1.1	27
339	On the diverse and widely ignored Paleocene avifauna of Menat (Puy-de-DÃme, France): new taxonomic records and unusual soft tissue preservation. Geological Magazine, 2019, 156, 572-584.	0.9	10
340	Flightless rails (Aves: Rallidae) from the early Miocene St Bathans Fauna, Otago, New Zealand. Journal of Systematic Palaeontology, 2019, 17, 423-449.	0.6	9
341	Morphometric comparison of the Hesperornithiformes and modern diving birds. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 513, 196-207.	1.0	15
342	Preliminary paleoecological insights from the Pliocene avifauna of Kanapoi, Kenya: Implications for the ecology of Australopithecus anamensis. Journal of Human Evolution, 2020, 140, 102384.	1.3	16

#	Article	IF	Citations
343	Rapid Laurasian diversification of a pantropical bird family during the Oligoceneâ€“Miocene transition. Ibis, 2020, 162, 137-152.	1.0	10
344	Skeletons from the early Oligocene of Poland fill a significant temporal gap in the fossil record of upupiform birds (hoopoes and allies). Historical Biology, 2020, 32, 1163-1175.	0.7	4
345	Statistical Comparison of Trait-Dependent Biogeographical Models Indicates That Podocarpaceae Dispersal Is Influenced by Both Seed Cone Traits and Geographical Distance. Systematic Biology, 2020, 69, 61-75.	2.7	89
346	Exploring the effects of character construction and choice, outgroups and analytical method on phylogenetic inference from discrete characters in extant crocodilians. Zoological Journal of the Linnean Society, 2020, 189, 670-699.	1.0	12
347	Whole Genome Shotgun Phylogenomics Resolves the Pattern and Timing of Swallowtail Butterfly Evolution. Systematic Biology, 2020, 69, 38-60.	2.7	65
348	Model Choice, Missing Data, and Taxon Sampling Impact Phylogenomic Inference of Deep Basidiomycota Relationships. Systematic Biology, 2020, 69, 17-37.	2.7	34
349	Inverse dispersal patterns in a group of ant parasitoids (Hymenoptera: Eucharitidae: Oraseminae) and their ant hosts. Systematic Entomology, 2020, 45, 1-19.	1.7	14
350	Uncovering the genomic signature of ancient introgression between white oak lineages (Quercus). New Phytologist, 2020, 226, 1158-1170.	3.5	63
351	Time lapse: A glimpse into prehistoric genomics. European Journal of Medical Genetics, 2020, 63, 103640.	0.7	4
352	Interrogating Genomic-Scale Data for Squamata (Lizards, Snakes, and Amphisbaenians) Shows no Support for Key Traditional Morphological Relationships. Systematic Biology, 2020, 69, 502-520.	2.7	191
353	Evolution of the androgen receptor: Perspectives from human health to dancing birds. Molecular and Cellular Endocrinology, 2020, 499, 110577.	1.6	19
354	Functional evolution of the colony-stimulating factor 1 receptor (CSF1R) and its ligands in birds. Journal of Leukocyte Biology, 2020, 107, 237-250.	1.5	19
355	Optimizing Phylogenomics with Rapidly Evolving Long Exons: Comparison with Anchored Hybrid Enrichment and Ultraconserved Elements. Molecular Biology and Evolution, 2020, 37, 904-922.	3.5	39
356	Can skeletal surface area predict in vivo foot surface area?. Journal of Anatomy, 2020, 236, 72-84.	0.9	3
357	Reconstructing the geographic and climatic origins of longâ€distance bird migrations. Journal of Biogeography, 2020, 47, 155-166.	1.4	49
358	Comparative crystallography suggests maniraptoran theropod affinities for latest Cretaceous European â€˜geckoidâ€™ eggshell. Papers in Palaeontology, 2020, 6, 265-292.	0.7	21
359	Hierarchical Hybrid Enrichment: Multitiered Genomic Data Collection Across Evolutionary Scales, With Application to Chorus Frogs (Pseudacris). Systematic Biology, 2020, 69, 756-773.	2.7	16
360	An integrative phylogenomic approach illuminates the evolutionary history of Old World tree frogs (Anura: Rhacophoridae). Molecular Phylogenetics and Evolution, 2020, 145, 106724.	1.2	23

#	Article	IF	Citations
361	Phylogenetic Systematics and Evolution of the Spider Infraorder Mygalomorphae Using Genomic Scale Data. Systematic Biology, 2020, 69, 671-707.	2.7	83
362	Linking Branch Lengths across Sets of Loci Provides the Highest Statistical Support for Phylogenetic Inference. Molecular Biology and Evolution, 2020, 37, 1202-1210.	3.5	42
363	The hummingbird syrinx morphome: a detailed three-dimensional description of the black jacobinâ€™s vocal organ. BMC Zoology, 2020, 5, .	0.3	7
364	MLH1 focus mapping in the guinea fowl (Numida meleagris) give insights into the crossover landscapes in birds. PLoS ONE, 2020, 15, e0240245.	1.1	6
365	New Insights Into the Evolutionary History of Melatonin Receptors in Vertebrates, With Particular Focus on Teleosts. Frontiers in Endocrinology, 2020, 11, 538196.	1.5	12
366	Performance of horned puffins (Fratercula corniculata) on an object permanence task. Behavioural Processes, 2020, 181, 104274.	0.5	2
367	Ecology and conservation of a rare species: What do we know and what may we do to preserve Andean condors?. Biological Conservation, 2020, 251, 108782.	1.9	30
368	Phylogenomics of Parasitic and Nonparasitic Lice (Insecta: Psocodea): Combining Sequence Data and Exploring Compositional Bias Solutions in Next Generation Data Sets. Systematic Biology, 2021, 70, 719-738.	2.7	43
369	The gut microbiota of brood parasite and host nestlings reared within the same environment: disentangling genetic and environmental effects. ISME Journal, 2020, 14, 2691-2702.	4.4	19
370	Sequential Molt in a Feathered Dinosaur and Implications for Early Paravian Ecology and Locomotion. Current Biology, 2020, 30, 3633-3638.e2.	1.8	18
371	Phylogenetic relationships and sectional delineation within Gentiana (Gentianaceae). Taxon, 2020, 69, 1221-1238.	0.4	23
372	Cretaceous origins of the vibrotactile bill-tip organ in birds. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202322.	1.2	13
373	Dense sampling of bird diversity increases power of comparative genomics. Nature, 2020, 587, 252-257.	13.7	251
374	Avian phenotypic convergence is subject to low genetic constraints based on genomic evidence. BMC Evolutionary Biology, 2020, 20, 147.	3.2	2
375	Molecular insights into the divergence and diversity of post-testicular maturation strategies. Molecular and Cellular Endocrinology, 2020, 517, 110955.	1.6	16
376	Does solar irradiation drive community assembly of vulture plumage microbiotas?. Animal Microbiome, 2020, 2, 24.	1.5	7
377	Ontogeny of vocal learning in a hummingbird. Animal Behaviour, 2020, 167, 139-150.	0.8	14
378	Phylogenomic data reveal reticulation and incongruence among mitochondrial candidate species in Dusky Salamanders (Desmognathus). Molecular Phylogenetics and Evolution, 2020, 146, 106751.	1.2	28

#	Article	IF	Citations
379	Genomic Evidence for Sensorial Adaptations to a Nocturnal Predatory Lifestyle in Owls. Genome Biology and Evolution, 2020, 12, 1895-1908.	1.1	9
380	Cenozoic Evolution of Eurasian Anatids (Aves: Anatidae s. l.). Biology Bulletin Reviews, 2020, 10, 417-426.	0.3	13
381	Composition and Diversity of Over-Wintering Aquatic Bird Community on Poyang Lake, China. Diversity, 2020, 12, 308.	0.7	7
382	Endocast structures are reliable proxies for the sizes of corresponding regions of the brain in extant birds. Journal of Anatomy, 2020, 237, 1162-1176.	0.9	27
383	The First Fossil Tody (Aves: Todidae) from Cuba. Paleontological Journal, 2020, 54, 414-419.	0.2	7
384	An Exceptionally Preserved Specimen From the Green River Formation Elucidates Complex Phenotypic Evolution in Gruiformes and Charadriiformes. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	10
385	The lacrimal/ectethmoid region of waterfowl (Aves, Anseriformes): Phylogenetic signal and major evolutionary patterns. Journal of Morphology, 2020, 281, 1486-1500.	0.6	3
386	The evolution of a tropical biodiversity hotspot. Science, 2020, 370, 1343-1348.	6.0	179
387	Oligocene divergence of frogmouth birds (Podargidae) across Wallace's Line. Biology Letters, 2020, 16, 20200040.	1.0	13
388	New view on the organization and evolution of Palaeognathae mitogenomes poses the question on the ancestral gene rearrangement in Aves. BMC Genomics, 2020, 21, 874.	1.2	14
389	Noncoding regions underpin avian bill shape diversification at macroevolutionary scales. Genome Research, 2020, 30, 553-565.	2.4	24
390	Introducing the Bird Chromosome Database: An Overview of Cytogenetic Studies in Birds. Cytogenetic and Genome Research, 2020, 160, 199-205.	0.6	45
391	Developmental mechanisms underlying webbed foot morphological diversity in waterbirds. Scientific Reports, 2020, 10, 8028.	1.6	7
392	Evolutionary and Ecological Correlates of Quiet Flight in Nightbirds, Hawks, Falcons, and Owls. Integrative and Comparative Biology, 2020, 60, 1123-1134.	0.9	6
393	Anatomy of Parahesperornis: Evolutionary Mosaicism in the Cretaceous Hesperornithiformes (Aves). Life, 2020, 10, 62.	1.1	21
394	Adaptation of the master antioxidant response connects metabolism, lifespan and feather development pathways in birds. Nature Communications, 2020, 11, 2476.	5.8	34
395	An early Oligocene stem Galbulae (jacamars and puffbirds) from southern France, and the position of the Paleogene family Sylphornithidae. Auk, 2020, 137, .	0.7	6
396	Estimating egg massâ€“body mass relationships in birds. Auk, 2020, 137, .	0.7	2

#	Article	IF	Citations
397	Polyploidy breaks speciation barriers in Australian burrowing frogs Neobatrachus. PLoS Genetics, 2020, 16, e1008769.	1.5	40
398	Molecular evolution of the proopiomelanocortin system in Barn owl species. PLoS ONE, 2020, 15, e0231163.	1.1	3
399	Tempo and Pattern of Avian Brain Size Evolution. Current Biology, 2020, 30, 2026-2036.e3.	1.8	72
400	Inter-individual differences in foveal shape in a scavenging raptor, the black kite Milvus migrans. Scientific Reports, 2020, 10, 6133.	1.6	11
401	Chromosomal evolution and phylogenetic considerations in cuckoos (Aves, Cuculiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582 Td	1.1	4
402	Wild hummingbirds discriminate nonspectral colors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15112-15122.	3.3	51
403	Disentangling the evolutionary history and biogeography of hill partridges (Phasianidae, Arborophila) from low coverage shotgun sequences. Molecular Phylogenetics and Evolution, 2020, 151, 106895.	1.2	2
404	Drift, selection and adaptive variation in small populations of a threatened rattlesnake. Molecular Ecology, 2020, 29, 2612-2625.	2.0	8
405	A morphometric analysis of the lungs of highâ€altitude ducks and geese. Journal of Anatomy, 2020, 237, 188-196.	0.9	6
406	Late Cretaceous neornithine from Europe illuminates the origins of crown birds. Nature, 2020, 579, 397-401.	13.7	78
407	Experimental study of alarm calls of the oriental tit (Parus minor) toward different predators and reactions they induce in nestlings. Ethology, 2020, 126, 610-619.	0.5	6
408	Relative Model Fit Does Not Predict Topological Accuracy in Single-Gene Protein Phylogenetics. Molecular Biology and Evolution, 2020, 37, 2110-2123.	3.5	23
409	A molecular analysis of the mysterious Vaurieâ€™s Nightjar Caprimulgus centralasicus yields fresh insight into its taxonomic status. Journal of Ornithology, 2020, 161, 635-650.	0.5	3
410	A combined approach of mitochondrial DNA and anchored nuclear phylogenomics sheds light on unrecognized diversity, phylogeny, and historical biogeography of the torrent frogs, genus Amolops (Anura: Ranidae). Molecular Phylogenetics and Evolution, 2020, 148, 106789.	1.2	23
411	The Brains of Reptiles and Birds. , 2020, , 159-212.		10
412	Sixty-first Supplement to the American Ornithological Societyâ€™s Check-list of North American Birds. Auk, 2020, 137, .	0.7	19
413	Evolution and Ecology of Silent Flight in Owls and Other Flying Vertebrates. Integrative Organismal Biology, 2020, 2, obaa001.	0.9	16
414	Biologia Futura: rapid diversification and behavioural adaptation of birds in response to Oligoceneâ€“Miocene climatic conditions. Biologia Futura, 2020, 71, 109-121.	0.6	6

#	Article	IF	Citations
415	A new phylogenetic protocol: dealing with model misspecification and confirmation bias in molecular phylogenetics. NAR Genomics and Bioinformatics, 2020, 2, lqaa041.	1.5	15
416	Evolution: Brainier Birds. Current Biology, 2020, 30, R778-R780.	1.8	3
417	Identifying mechanisms of genetic differentiation among populations in vagile species: historical factors dominate genetic differentiation in seabirds. Biological Reviews, 2020, 95, 625-651.	4.7	34
418	To Hop or Not to Hop? The Answer Is in the Bird Trees. Systematic Biology, 2020, 69, 962-972.	2.7	14
419	Ecological fitting is a sufficient driver of tight interactions between sunbirds and ornithophilous plants. Ecology and Evolution, 2020, 10, 1784-1793.	0.8	9
420	New genome assembly of the barn owl (Tyto alba alba). Ecology and Evolution, 2020, 10, 2284-2298.	0.8	11
421	Utility of targeted sequence capture for phylogenomics in rapid, recent angiosperm radiations: Neotropical Burmeistera bellflowers as a case study. Molecular Phylogenetics and Evolution, 2020, 152, 106769.	1.2	34
422	Target Nuclear and Off-Target Plastid Hybrid Enrichment Data Inform a Range of Evolutionary Depths in the Orchid Genus Epidendrum. Frontiers in Plant Science, 2019, 10, 1761.	1.7	42
423	The dynamics of stem and crown groups. Science Advances, 2020, 6, eaaz1626.	4.7	57
424	Can't see the â€œhoodâ€•for the trees: Can avian cooperative breeding currently be understood using the phylogenetic comparative method?. Advances in the Study of Behavior, 2020, , 243-291.	1.0	7
425	Ecological distinctiveness of birds and mammals at the global scale. Global Ecology and Conservation, 2020, 22, e00970.	1.0	19
426	Winter thermoregulation in free-ranging pygmy falcons in the Kalahari Desert. Journal of Ornithology, 2020, 161, 549-555.	0.5	5
427	Phylogenomic Reconstruction Sheds Light on New Relationships and Timescale of Rails (Aves: Rallidae) Evolution. Diversity, 2020, 12, 70.	0.7	17
428	The evolution of mechanisms involved in vertebrate endothermy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190136.	1.8	65
429	Beyond Endocasts: Using Predicted Brain-Structure Volumes of Extinct Birds to Assess Neuroanatomical and Behavioral Inferences. Diversity, 2020, 12, 34.	0.7	16
430	Tool-using puffins prickle the puzzle of cognitive evolution. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2737-2739.	3.3	15
431	Tanopicobia gen. nov., a new genus of quill mites, its phylogenetic placement in the subfamily Picobiinae (Acariformes: Syringophilidae) and picobiine relationships with avian hosts. PLoS ONE, 2020, 15, e0225982.	1.1	6
432	Identifying medullary bone in extinct avemetatarsalians: challenges, implications and perspectives. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190133.	1.8	14

#	Article	IF	Citations
433	Phylogenomics and biogeography of the world's thrushes (Aves,Turdus): new evidence for a more parsimonious evolutionary history. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192400.	1.2	16
434	A comprehensive phylogeny and taxonomic evaluation of the waxbills (Aves: Estrildidae). Molecular Phylogenetics and Evolution, 2020, 146, 106757.	1.2	19
435	A comparative analysis of the dopaminergic innervation of the executive caudal nidopallium in pigeon, chicken, zebra finch, and carrion crow. Journal of Comparative Neurology, 2020, 528, 2929-2955.	0.9	41
436	The First Fossil Owl (Aves, Strigiformes) From the Paleogene of Africa. Diversity, 2020, 12, 163.	0.7	4
437	Deep-Time Demographic Inference Suggests Ecological Release as Driver of Neoavian Adaptive Radiation. Diversity, 2020, 12, 164.	0.7	11
438	The Neuroethology of Birdsong. Springer Handbook of Auditory Research, 2020, , .	0.3	13
439	A deeper meaning for <scp>shallowâ€level</scp> phylogenomic studies: nested anchored hybrid enrichment offers great promise for resolving the tiger moth tree of life (Lepidoptera: Erebidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 49	1.7	22
440	Phylogenetic signal in the skull of cowbirds (Icteridae) assessed by multivariate and cladistic approaches. Zoologischer Anzeiger, 2020, 286, 52-57.	0.4	4
441	Distal spinal nerve development and divergence of avian groups. Scientific Reports, 2020, 10, 6303.	1.6	8
442	Ecosystem services provided by Neotropical birds. Condor, 2020, 122, .	0.7	28
443	Evidence of Late Miocene Peri-Tibetan Aridification From the Oldest Asian Species of Sandgrouse (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	6
444	Phylogenomics Reveals Ancient Gene Tree Discordance in the Amphibian Tree of Life. Systematic Biology, 2021, 70, 49-66.	2.7	124
445	The Origin of the Legumes is a Complex Paleopolyploid Phylogenomic Tangle Closely Associated with the Cretaceousâ€“Paleogene (Kâ€“Pg) Mass Extinction Event. Systematic Biology, 2021, 70, 508-526.	2.7	83
446	Comparative osteology of the penguinâ€like midâ€Cenozoic Plotopteridae and the earliest true fossil penguins, with comments on the origins of wingâ€propelled diving. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 264-276.	0.6	7
447	The challenge of biased evidence in conservation. Conservation Biology, 2021, 35, 249-262.	2.4	80
448	Do Alignment and Trimming Methods Matter for Phylogenomic (UCE) Analyses?. Systematic Biology, 2021, 70, 440-462.	2.7	30
449	Congruence and Conflict in the Higher-Level Phylogenetics of Squamate Reptiles: An Expanded Phylogenomic Perspective. Systematic Biology, 2021, 70, 542-557.	2.7	35
450	Interrogating Genomic-Scale Data to Resolve Recalcitrant Nodes in the Spider Tree of Life. Molecular Biology and Evolution, 2021, 38, 891-903.	3.5	46

#	Article	IF	Citations
451	Population genomic transformations induced by isolation of wild bird avian influenza viruses (Orthomyxoviridae) in embryonated chicken eggs. Infection, Genetics and Evolution, 2021, 90, 104505.	1.0	3
452	Bucerotidae from the early Miocene of Napak, Uganda (East Africa): the earliest hornbill with a modernâ€type beak. Ibis, 2021, 163, 715-721.	1.0	0
453	The Network Ontogeny of the Parrot: Altriciality, Dynamic Skeletal Assemblages, and the Avian Body Plan. Evolutionary Biology, 2021, 48, 41-53.	0.5	6
454	Phylogenomics of manakins (Aves: Pipridae) using alternative locus filtering strategies based on informativeness. Molecular Phylogenetics and Evolution, 2021, 155, 107013.	1.2	20
455	The Perfect Storm: Gene Tree Estimation Error, Incomplete Lineage Sorting, and Ancient Gene Flow Explain the Most Recalcitrant Ancient Angiosperm Clade, Malpighiales. Systematic Biology, 2021, 70, 491-507.	2.7	61
456	Biogeographic mechanisms involved in the colonization of Madagascar by African vertebrates: Rifting, rafting and runways. Journal of Biogeography, 2021, 48, 492-510.	1.4	31
457	Morphology of the avian yolk sac. Journal of Morphology, 2021, 282, 959-972.	0.6	15
458	Principal component analysis of avian hind limb and foot morphometrics and the relationship between ecology and phylogeny. Paleobiology, 2021, 47, 314-336.	1.3	10
459	Molecular cloning and characterization of HSP60 gene in domestic pigeons (Columba livia) and differential expression patterns under temperature stress. Cell Stress and Chaperones, 2021, 26, 115-127.	1.2	5
460	Hippoboscid flies (Diptera: Hippoboscidae) on birds of prey in the Atlantic Forest, Minas Gerais, Brazil. Brazilian Journal of Veterinary Parasitology, 2021, 30, e016720.	0.2	1
461	Multiple origins of a frameshift insertion in a mitochondrial gene in birds and turtles. GigaScience, 2021, 10, .	3.3	3
462	Threatened Flamingos: Conservation to Keep the Firebird From Being Extinguished. , 2021, , .		0
463	Highly Pathogenic Avian Influenza Viruses at the Wildâ€“Domestic Bird Interface in Europe: Future Directions for Research and Surveillance. Viruses, 2021, 13, 212.	1.5	121
464	The earliest recorded fossil pelican, recovered from the late Eocene of Wadi Al-Hitan, Egypt. Journal of Vertebrate Paleontology, 2021, 41, .	0.4	5
465	The evolution of tinamous (Palaeognathae: Tinamidae) in light of molecular and combined analyses. Zoological Journal of the Linnean Society, 2022, 195, 106-124.	1.0	7
466	Cytotaxonomy of Gallinula melanops (Gruiformes, Rallidae): Karyotype evolution and phylogenetic inference. Genetics and Molecular Biology, 2021, 44, e20200241.	0.6	4
467	Unexpected larger distribution of paleogene stem-rollers (AVES, CORACII): new evidence from the Eocene of Patagonia, Argentina. Scientific Reports, 2021, 11, 1363.	1.6	5
468	Data Types and the Phylogeny of Neoaves. Birds, 2021, 2, 1-22.	0.6	46

#	Article	IF	Citations
469	Comparative Mapping of the Macrochromosomes of Eight Avian Species Provides Further Insight into Their Phylogenetic Relationships and Avian Karyotype Evolution. Cells, 2021, 10, 362.	1.8	13
470	Beyond Drosophila: resolving the rapid radiation of schizophoran flies with phylotranscriptomics. BMC Biology, 2021, 19, 23.	1.7	22
472	Deep time diversity and the early radiations of birds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
473	A 3D geometric morphometric dataset quantifying skeletal variation in birds. MorphoMuseuM, 2021, 7, e125.	0.1	15
474	Integrating coalescentâ€based species delimitation with ecological niche modeling delimited two species within the Stewartia sinensis complex (Theaceae). Journal of Systematics and Evolution, 2022, 60, 1037-1048.	1.6	9
476	Towards a new classification of Muscidae (Diptera): a comparison of hypotheses based on multiple molecular phylogenetic approaches. Systematic Entomology, 2021, 46, 508-525.	1.7	20
477	Dissecting Incongruence between Concatenation- and Quartet-Based Approaches in Phylogenomic Data. Systematic Biology, 2021, 70, 997-1014.	2.7	28
478	Endocranial morphology of the piciformes (Aves, Coraciimorphae): Functional and ecological implications. Journal of Anatomy, 2021, 239, 167-183.	0.9	1
479	Macroevolutionary dynamics of dentition in Mesozoic birds reveal no long-term selection towards tooth loss. IScience, 2021, 24, 102243.	1.9	11
480	Attack behaviour in naive gyrfalcons is modelled by the same guidance law as in peregrine falcons, but at a lower guidance gain. Journal of Experimental Biology, 2021, 224, .	0.8	12
481	A partial skeleton of a new species of Tynskya Mayr, 2000 (Aves, Messelasturidae) from the London Clay highlights the osteological distinctness of a poorly known early Eocene â€œowl/parrot mosaicâ€• Palaontologische Zeitschrift, 2021, 95, 337-357.	0.8	6
482	Biological traits of seabirds predict extinction risk and vulnerability to anthropogenic threats. Global Ecology and Biogeography, 2021, 30, 973-986.	2.7	31
483	Feraequornithes: a name for the clade formed by Procellariiformes, Sphenisciformes, Ciconiiformes, Suliformes and Pelecaniformes (Aves). Vertebrate Zoology, 0, 71, 49-53.	2.0	2
484	Interrogating Phylogenetic Discordance Resolves Deep Splits in the Rapid Radiation of Old World Fruit Bats (Chiroptera: Pteropodidae). Systematic Biology, 2021, 70, 1077-1089.	2.7	6
485	Analysis of multiple chromosomal rearrangements in the genome of Willisornis vidua using BAC-FISH and chromosome painting on a supposed conserved karyotype. Bmc Ecology and Evolution, 2021, 21, 34.	0.7	7
486	Ancient DNA from the extinct Haitian cave-rail (Nesotrochis steganinos) suggests a biogeographic connection between the Caribbean and Old World. Biology Letters, 2021, 17, 20200760.	1.0	11
487	Craniofacial development illuminates the evolution of nightbirds (Strisores). Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210181.	1.2	9
489	Phylogenetic affinities and morphology of the Pliocene cathartiform Dryornis pampeanus Moreno & Mercerat. Papers in Palaeontology, 2021, 7, 1765-1780.	0.7	4

#	Article	IF	Citations
490	Aerodynamic efficiency of gliding birds vs comparable UAVs: a review. Bioinspiration and Biomimetics, 2021, 16, 031001.	1.5	10
491	Nuclear phylogenomics, but not mitogenomics, resolves the most successful Late Miocene radiation of African mammals (Rodentia: Muridae: Arvicanthini). Molecular Phylogenetics and Evolution, 2021, 157, 107069.	1.2	15
492	Computational modelling of muscle fibre operating ranges in the hindlimb of a small ground bird (Eudromia elegans), with implications for modelling locomotion in extinct species. PLoS Computational Biology, 2021, 17, e1008843.	1.5	24
493	Phylogenomic and morphological relationships among the botryllid ascidians (Subphylum Tunicata,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	14
494	Detection of Eumonospora henryae (Apicomplexa: Sarcocystidae) from Falco columbarius (Falconiformes: Aves): Comparison of hostâ€“parasite phylogram and comments on the family Sarcocystidae Poche, 1913. International Journal for Parasitology: Parasites and Wildlife, 2021, 14, 75-83.	0.6	5
495	Evolution of brood-site mimicry in Madagascan Impatiens (Balsaminaceae). Perspectives in Plant Ecology, Evolution and Systematics, 2021, 49, 125590.	1.1	1
496	Evolution and development of the bird chondrocranium. Frontiers in Zoology, 2021, 18, 21.	0.9	5
497	Interspecies Chromosome Mapping in Caprimulgiformes, Piciformes, Suliformes, and Trogoniformes (Aves): Cytogenomic Insight into Microchromosome Organization and Karyotype Evolution in Birds. Cells, 2021, 10, 826.	1.8	14
498	Population genomic analysis ofCryptococcusBrazilian isolates reveals an African type subclade distribution. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	7
499	Karyotype Evolution and Genomic Organization of Repetitive DNAs in the Saffron Finch, Sicalis flaveola (Passeriformes, Aves). Animals, 2021, 11, 1456.	1.0	12
500	Phylogenomic conflict coincides with rapid morphological innovation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	40
501	Collapsing dubiously resolved gene-tree branches in phylogenomic coalescent analyses. Molecular Phylogenetics and Evolution, 2021, 158, 107092.	1.2	24
502	A phylogeny for the Drosophila montium species group: A model clade for comparative analyses. Molecular Phylogenetics and Evolution, 2021, 158, 107061.	1.2	19
503	Shared patterns of spatial accumulation of lineages across terrestrial vertebrates. Journal of Biogeography, 2021, 48, 1811-1823.	1.4	3
504	Shifts in eggshell thickness are related to changes in locomotor ecology in dinosaurs. Evolution; International Journal of Organic Evolution, 2021, 75, 1415-1430.	1.1	7
506	The True Identity of Putative Tooth Alveoli in a Cenozoic Crown Bird, the Gastornithid Omorhamphus. Frontiers in Earth Science, 2021, 9, .	0.8	0
507	First worldwide molecular phylogeny of the morphologically and ecologically hyperdiversified snapping shrimp genus Alpheus (Malacostraca: Decapoda). Molecular Phylogenetics and Evolution, 2021, 158, 107080.	1.2	11
508	A new fossil from the early Oligocene of Provence (France) increases the diversity of early Gruoidea and adds constraint on the origin of cranes (Gruidae) and limpkin (Aramidae). Journal of Ornithology, 2021, 162, 977-986.	0.5	2

#	Article	IF	Citations
509	Testing the Utility of Alternative Metrics of Branch Support to Address the Ancient Evolutionary Radiation of Tunas, Stromateoids, and Allies (Teleostei: Pelagiaria). Systematic Biology, 2021, 70, 1123-1144.	2.7	19
510	Mitochondrial substitution rates estimation for divergence time analyses in modern birds based on full mitochondrial genomes. Ibis, 2021, 163, 1463-1471.	1.0	5
511	Natural loss of function of ephrin-B3 shapes spinal flight circuitry in birds. Science Advances, 2021, 7, .	4.7	7
512	Disparate origins for endemic bird taxa from the â€˜Gondwana Rainforestsâ€™ of Central Eastern Australia. Biological Journal of the Linnean Society, 2021, 134, 40-56.	0.7	3
513	Individual GoffinÂ´s cockatoos (Cacatua goffiniana) show flexible targeted helping in a tool transfer task. PLoS ONE, 2021, 16, e0253416.	1.1	6
516	Independent duplications of the Golgi phosphoprotein 3 oncogene in birds. Scientific Reports, 2021, 11, 12483.	1.6	4
517	Experimental tests of selection against heterospecific aggression as a driver of avian colour pattern divergence. Journal of Evolutionary Biology, 2021, 34, 1110-1124.	0.8	1
518	De novo genome assemblies of butterflies. GigaScience, 2021, 10, .	3.3	24
519	Tempo and mode of evolution of oryzomyine rodents (Rodentia, Cricetidae, Sigmodontinae): A phylogenomic approach. Molecular Phylogenetics and Evolution, 2021, 159, 107120.	1.2	21
520	A model of digestive tooth corrosion in lizards: experimental tests and taphonomic implications. Scientific Reports, 2021, 11, 12877.	1.6	8
523	wQFM: highly accurate genome-scale species tree estimation from weighted quartets. Bioinformatics, 2021, 37, 3734-3743.	1.8	17
524	Deep evolutionary diversification of semicircular canals in archosaurs. Current Biology, 2021, 31, 2520-2529.e6.	1.8	36
525	Evolutionary relationships among the snakelike pygopodid lizards: a review of phylogenetic studies of an enigmatic Australian adaptive radiation. PeerJ, 2021, 9, e11502.	0.9	0
526	Phylogeny and classification of Odonata using targeted genomics. Molecular Phylogenetics and Evolution, 2021, 160, 107115.	1.2	36
527	Glutaredoxin: Discovery, redox defense and much more. Redox Biology, 2021, 43, 101975.	3.9	59
528	A new, undescribed species of Melanocharis berrypecker from western New Guinea and the evolutionary history of the family Melanocharitidae. Ibis, 2021, 163, 1310-1329.	1.0	7
529	Genomic Characterization of a New Coronavirus from Migratory Birds in Jiangxi Province of China. Virologica Sinica, 2021, 36, 1656-1659.	1.2	7
530	DNA Analyses Have Revolutionized Studies on the Taxonomy and Evolution in Birds. , 0, , .		0

#	Article	IF	Citations
531	Novel neuroanatomical integration and scaling define avian brain shape evolution and development. ELife, 2021, 10, .	2.8	12
532	How Does Circadian Rhythm Shape Host-Parasite Associations? A Comparative Study on Infection Patterns in Diurnal and Nocturnal Raptors. Diversity, 2021, 13, 338.	0.7	2
533	Evolutionary Rate Variation among Lineages in Gene Trees has a Negative Impact on Species-Tree Inference. Systematic Biology, 2022, 71, 490-500.	2.7	13
534	An early Eocene fossil from the British London Clay elucidates the evolutionary history of the enigmatic Archaeotrogonidae (Aves, Strisores). Papers in Palaeontology, 2021, 7, 2049.	0.7	3
535	Phylogeny based on ultra-conserved elements clarifies the evolution of rails and allies (Ralloidea) and is the basis for a revised classification. Auk, 2021, 138, .	0.7	14
536	Quantitative Analysis of Morphometric Data of Pre-modern Birds: Phylogenetic Versus Ecological Signal. Frontiers in Earth Science, 2021, 9, .	0.8	3
537	Behaviour of cranes (family Gruidae) mirrors their phylogenetic relationships. Avian Research, 2021, 12, .	0.5	4
538	Codon usage patterns and evolution of HSP60 in birds. International Journal of Biological Macromolecules, 2021, 183, 1002-1012.	3.6	12
540	Parsimony analysis of phylogenomic datasets (I): scripts and guidelines for using TNT (Tree Analysis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	16
541	Genome-wide diversity in the California condor tracks its prehistoric abundance and decline. Current Biology, 2021, 31, 2939-2946.e5.	1.8	35
542	Patterns of skeletal integration in birds reveal that adaptation of element shapes enables coordinated evolution between anatomical modules. Nature Ecology and Evolution, 2021, 5, 1250-1258.	3.4	22
543	Phylogeny and sex chromosome evolution of Palaeognathae. Journal of Genetics and Genomics, 2022, 49, 109-119.	1.7	10
545	Early origin of sweet perception in the songbird radiation. Science, 2021, 373, 226-231.	6.0	34
546	A broadly resolved molecular phylogeny of New Zealand cheilostome bryozoans as a framework for hypotheses of morphological evolution. Molecular Phylogenetics and Evolution, 2021, 161, 107172.	1.2	8
547	Assessing topological congruence among concatenation-based phylogenomic approaches in empirical datasets. Molecular Phylogenetics and Evolution, 2021, 161, 107086.	1.2	5
548	The explosive radiation, intense host-shifts and long-term failure to speciate in the evolutionary history of the feather mite genus Analges (Acariformes: Analgidae) from European passerines. Zoological Journal of the Linnean Society, 2022, 195, 673-694.	1.0	8
549	A quantitative analysis of cerebellar anatomy in birds. Brain Structure and Function, 2021, 226, 2561-2583.	1.2	7
550	PAX2+ Mesenchymal Origin of Gonadal Supporting Cells Is Conserved in Birds. Frontiers in Cell and Developmental Biology, 2021, 9, 735203.	1.8	3

#	Article	IF	Citations
551	Quantitative Analysis of Protein Evolution: The Phylogeny of Osteopontin. Frontiers in Genetics, 2021, 12, 700789.	1.1	1
552	â€˜Dinosaur-birdâ€™ macroevolution, locomotor modules and the origins of flight. Journal of Iberian Geology, 2021, 47, 565-574.	0.7	1
553	The Shapes of Birdsâ€™ Eggs: Evolutionary Constraints and Adaptations. American Naturalist, 2021, 198, E215-E231.	1.0	11
554	Genomic bases underlying the adaptive radiation of core landbirds. Bmc Ecology and Evolution, 2021, 21, 162.	0.7	4
556	Mitogenomes of Accipitriformes and Cathartiformes Were Subjected to Ancestral and Recent Duplications Followed by Gradual Degeneration. Genome Biology and Evolution, 2021, 13, .	1.1	1
557	The genetics and evolution of eye color in domestic pigeons (Columba livia). PLoS Genetics, 2021, 17, e1009770.	1.5	6
558	New data on the Vegavis iaai holotype from the Maastrichtian of Antarctica. Cretaceous Research, 2021, 124, 104818.	0.6	8
559	Gene Flow and Diversification in Himalopsyche martynovi Species Complex (Trichoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	3
560	Mitogenomic analysis of extant condor species provides insight into the molecular evolution of vultures. Scientific Reports, 2021, 11, 17109.	1.6	4
561	A partial skeleton of Septencoracias from the early Eocene London Clay reveals derived features of bee-eaters (Meropidae) in a putative stem group roller (Aves, Coracii). Palaeobiodiversity and Palaeoenvironments, 2022, 102, 449-463.	0.6	3
562	The link between avian brachial index, flight capability and the neornithine evolutionary radiation. Journal of Morphology, 2021, 282, 1698-1707.	0.6	4
563	The lightâ€™s in my eyes: optical modeling demonstrates wind is more important than sea surface-reflected sunlight for foraging herons. PeerJ, 2021, 9, e12006.	0.9	0
564	Genomic Evidence for Rare Hybridization and Large Demographic Changes in the Evolutionary Histories of Four North American Dove Species. Animals, 2021, 11, 2677.	1.0	8
565	Phylogenetic signal in the vocalizations of vocal learning and vocal non-learning birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200241.	1.8	19
566	The dynamics of introgression across an avian radiation. Evolution Letters, 2021, 5, 568-581.	1.6	15
567	What Have We Learned from the First 500 Avian Genomes?. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 611-639.	3.8	38
568	Gene tree quality affects empirical coalescent branch length estimation. Zoologica Scripta, 0, , .	0.7	9
569	An exceptional partial skeleton of a new basal raptor (Aves: Accipitridae) from the late Oligocene Namba formation, South Australia. Historical Biology, 0, , 1-33.	0.7	2

#	Article	IF	Citations
570	Common Patterns of Skull Bone Fusion and Their Potential to Discriminate Different Ontogenetic Stages in Extant Birds. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	5
571	Evolution and dispersal of snakes across the Cretaceous-Paleogene mass extinction. Nature Communications, 2021, 12, 5335.	5.8	13
572	Excluding Loci With Substitution Saturation Improves Inferences From Phylogenomic Data. Systematic Biology, 2022, 71, 676-689.	2.7	18
573	Nectar-feeding bats and birds show parallel molecular adaptations in sugar metabolism enzymes. Current Biology, 2021, 31, 4667-4674.e6.	1.8	7
574	The Emerging Phylogenetic Perspective on the Evolution of Actinopterygian Fishes. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 427-452.	3.8	41
575	FrogCap: A modular sequence capture probeâ€set for phylogenomics and population genetics for all frogs, assessed across multiple phylogenetic scales. Molecular Ecology Resources, 2022, 22, 1100-1119.	2.2	17
576	Taxonomic Diversity of the Quill Mites of the Family Syringophilidae (Acariformes: Prostigmata) Associated With Old World Parrots (Psittaciformes: Psittaculidae). Journal of Medical Entomology, 2021, , .	0.9	1
577	Holosteans contextualize the role of the teleost genome duplication in promoting the rise of evolutionary novelties in the ray-finned fish innate immune system. Immunogenetics, 2021, 73, 479-497.	1.2	11
578	Food Plant Shifts Drive the Diversification of Sack-Bearer Moths. American Naturalist, 2021, 198, E170-E184.	1.0	8
579	A histological survey of avian post-natal skeletal ontogeny. PeerJ, 2021, 9, e12160.	0.9	4
580	Anthropogenic Drivers Leading to Population Decline and Genetic Preservation of the Eurasian Griffon Vulture (Gyps fulvus). Life, 2021, 11, 1038.	1.1	4
581	When good mitochondria go bad: Cyto-nuclear discordance in landfowl (Aves: Galliformes). Gene, 2021, 801, 145841.	1.0	17
582	Phylogenomics of African radiation of Praomyini (Muridae: Murinae) rodents: First fully resolved phylogeny, evolutionary history and delimitation of extant genera. Molecular Phylogenetics and Evolution, 2021, 163, 107263.	1.2	16
583	Autosomal, sex-linked and mitochondrial loci resolve evolutionary relationships among wrens in the genus Campylorhynchus. Molecular Phylogenetics and Evolution, 2021, 163, 107242.	1.2	5
584	The interplay between host biogeography and phylogeny in structuring diversification of the feather louse genus Penenirmus. Molecular Phylogenetics and Evolution, 2021, 165, 107297.	1.2	14
585	Birds of a feather moult together: Differences in moulting distribution of four species of storm-petrels. PLoS ONE, 2021, 16, e0245756.	1.1	4
586	Investigating the Diversity and Host Range of Novel Parvoviruses from North American Ducks Using Epidemiology, Phylogenetics, Genome Structure, and Codon Usage Analysis. Viruses, 2021, 13, 193.	1.5	11
587	Clustering of Cancer Attributed Networks by Dynamically and Jointly Factorizing Multi-Layer Graphs. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2737-2748.	1.9	14

#	Article	IF	Citations
588	Keratan sulfate as a marker for medullary bone in fossil vertebrates. Journal of Anatomy, 2021, 238, 1296-1311.	0.9	2
589	The Dfam community resource of transposable element families, sequence models, and genome annotations. Mobile DNA, 2021, 12, 2.	1.3	279
590	Genomic Insights Into the Molecular Basis of Sexual Selection in Birds. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	4
591	Neuroendocrine regulation of vocalizations and other sounds in nonsongbirds. , 2021, , 315-326.		3
592	The Origin of Birds: Current Consensus, Controversy, and the Occurrence of Feathers. Fascinating Life Sciences, 2020, , 27-45.	0.5	9
593	Efficient Methods for Dating Evolutionary Divergences. , 2020, , 197-219.		14
594	A phylogenetic study of Haemocystidium parasites and other Haemosporida using complete mitochondrial genome sequences. Infection, Genetics and Evolution, 2020, 85, 104576.	1.0	9
596	The Balance Hypothesis for the Avian Lumbosacral Organ and an Exploration of Its Morphological Variation. Integrative Organismal Biology, 2020, 2, obaa024.	0.9	13
597	The Multispecies Coalescent Model Outperforms Concatenation Across Diverse Phylogenomic Data Sets. Systematic Biology, 2020, 69, 795-812.	2.7	47
598	Paralogs and Off-Target Sequences Improve Phylogenetic Resolution in a Densely Sampled Study of the Breadfruit Genus (Artocarpus, Moraceae). Systematic Biology, 2021, 70, 558-575.	2.7	28
599	Integrated phylogenomic and fossil evidence of stick and leaf insects (Phasmatodea) reveal a Permianâ€“Triassic co-origination with insectivores. Royal Society Open Science, 2020, 7, 201689.	1.1	25
600	Extensive in situ radiation of feather lice on tinamous. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20193005.	1.2	5
630	Host specificity, infrequent major host switching and the diversification of highly hostâ€specific symbionts: The case of vaneâ€dwelling feather mites. Global Ecology and Biogeography, 2018, 27, 188-198.	2.7	34
631	New Fossil Birds from the Earliest Eocene of Mongolia. American Museum Novitates, 2019, 2019, 1.	0.2	14
632	Phylogeography, Species Limits, Phylogeny, and Classification of the Turacos (Aves: Musophagidae) Based on Mitochondrial and Nuclear DNA Sequences. American Museum Novitates, 2020, 2020, 1.	0.2	9
633	Complexity, Predictability and Time Homogeneity of Syntax in the Songs of Cassinâ€™s Vireo (Vireo) Tj ETQq1 1 0.784314 rgBT /Ove	1.1	18
634	Re-Evaluation of Phylogenetic Relationships among Species of the Mangrove Genus Avicennia from Indo-West Pacific Based on Multilocus Analyses. PLoS ONE, 2016, 11, e0164453.	1.1	24
635	Multiple Evolutionary Origins of Ubiquitous Cu2+ and Zn2+ Binding in the S100 Protein Family. PLoS ONE, 2016, 11, e0164740.	1.1	44

#	Article	IF	Citations
636	On specimen killing in the era of conservation crisis â€“ A quantitative case for modernizing taxonomy and biodiversity inventories. PLoS ONE, 2017, 12, e0183903.	1.1	13
637	Rapid and recent diversification patterns in Anseriformes birds: Inferred from molecular phylogeny and diversification analyses. PLoS ONE, 2017, 12, e0184529.	1.1	48
638	The distribution of 45S rDNA sites in bird chromosomes suggests multiple evolutionary histories. Genetics and Molecular Biology, 2020, 43, e20180331.	0.6	17
639	Hidden Diversity in the Mountain Chorus Frog (Pseudacris brachyphona) and the Diagnosis of a New Species of Chorus Frog in the Southeastern United States. Copeia, 2020, 108, .	1.4	4
640	New remains of the very small cuckoo,Chambicuculus pusillus (Aves, Cuculiformes, Cuculidae) from the late Early/early Middle Eocene of Djebel Chambi, Tunisia. Palaeovertebrata, 2016, 40, e2.	0.5	4
641	Analysis of skull morphometric characters in diurnal raptors (Accipitriformes and Falconiformes). Ornis Hungarica, 2019, 27, 117-131.	0.1	10
642	Hypotarsus Morphology of the Ralloidea Supports a Clade Comprising Sarothrura and Mentocrex to the Exclusion of Canirallus. Acta Ornithologica, 2019, 54, 51.	0.1	6
643	Commentary: Defining Raptors and Birds of Prey. Journal of Raptor Research, 2019, 53, 419.	0.2	43
644	Banding cytogenetics of the vulnerable species Houbara bustard (Otidiformes) and comparative analysis with the Domestic fowl. Comparative Cytogenetics, 2019, 13, 1-17.	0.3	2
645	PCR primers for 30 novel gene regions in the nuclear genomes of Lepidoptera. ZooKeys, 2016, 596, 129-141.	0.5	24
646	A genome-wide phylogeny of jumping spiders (Araneae, Salticidae), using anchored hybrid enrichment. ZooKeys, 2017, 695, 89-101.	0.5	30
647	Functional trade-offs and environmental variation shaped ancient trajectories in the evolution of dim-light vision. ELife, 2018, 7, .	2.8	19
648	Record breaking achievements by spiders and the scientists who study them. PeerJ, 2017, 5, e3972.	0.9	42
649	Behavioral correlates of semi-zygodactyly in Ospreys (Pandion haliaetus) based on analysis of internet images. PeerJ, 2019, 7, e6243.	0.9	4
650	Embracing heterogeneity: coalescing the Tree of Life and the future of phylogenomics. PeerJ, 2019, 7, e6399.	0.9	111
651	Evolution of digestive enzymes and dietary diversification in birds. PeerJ, 2019, 7, e6840.	0.9	19
652	Identifying model violations under the multispecies coalescent model using P2C2M.SNAPP. PeerJ, 2020, 8, e8271.	0.9	6
653	Disentangling the avian altricialâ€precocial spectrum: Quantitative assessment of developmental mode, phylogenetic signal, and dimensionality. Evolution; International Journal of Organic Evolution, 2021, 75, 2717-2735.	1.1	9

#	Article	IF	Citations
654	Positive selection in noncoding genomic regions of vocal learning birds is associated with genes implicated in vocal learning and speech functions in humans. Genome Research, 2021, 31, 2035-2049.	2.4	16
656	Pupillary behavior during wakefulness, non-REM sleep, and REM sleep in birds is opposite that of mammals. Current Biology, 2021, 31, 5370-5376.e4.	1.8	8
659	Change of Title: Microarrays Becomes High-Throughput. High-Throughput, 2017, 6, 1.	4.4	0
660	Change of Title: Microarrays Becomes High-Throughput. High-Throughput, 2017, 6, 1.	4.4	1
666	Population diversity and relatedness in Sugarbirds (Promeropidae:Promeropsspp.). PeerJ, 2018, 6, e5000.	0.9	2
672	Five New Species of Guimaraesiella (Phthiraptera: Ischnocera) from Broadbills (Aves: Passeriformes:) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	7
674	Ordnung: â€“. , 2020, , 1-41.		0
675	Skull morphometric characters in parrots (Psittaciformes). Ornis Hungarica, 2020, 28, 104-120.	0.1	1
677	Cross-Amplification in Strigiformes: A New STR Panel for Forensic Purposes. Genes, 2021, 12, 1721.	1.0	1
678	Exploring potentialities of avian genomic research in Nepalese Himalayas. Avian Research, 2021, 12, 57.	0.5	2
679	Protein Structure, Models of Sequence Evolution, and Data Type Effects in Phylogenetic Analyses of Mitochondrial Data: A Case Study in Birds. Diversity, 2021, 13, 555.	0.7	3
680	Unusual parasite from an enigmatic host â€“ a new group of mites infesting feather quills of the hoatzin. , 2021, 88, 9-17.		1
682	Spezielle Zoologie Teil C: Bilateria â€“ Deuterostomia. , 2020, , 173-249.		0
683	Waterfowl. , 2020, , 1-9.		0
684	Linking Features of Genomic Function to Fundamental Features of Learned Vocal Communication. Springer Handbook of Auditory Research, 2020, , 211-244.	0.3	1
685	Poultry through time. Nature, 2020, 579, 351-352.	13.7	0
687	Gene-tree misrooting drives conflicts in phylogenomic coalescent analyses of palaeognath birds. Molecular Phylogenetics and Evolution, 2022, 167, 107344.	1.2	16
688	Seriemas: A Literature Assessment and Recommendations for Future Research. Journal of Raptor Research, 2021, , .	0.2	2

#	Article	IF	Citations
689	Body mass and geographic distribution determined the evolution of the wing flight-feather molt strategy in the Neornithes lineage. Scientific Reports, 2021, 11, 21573.	1.6	3
692	Wing Musculature Reconstruction in Extinct Flightless Auks (PinguinusandMancalla) Reveals Incomplete Convergence with Penguins (Spheniscidae) Due to Differing Ancestral States. Integrative Organismal Biology, 2021, 3, obaa040.	0.9	11
693	Avian vision. , 2022, , 139-158.		1
695	Evolution of birds. , 2022, , 83-107.		0
696	Traitâ€habitat associations explain novel bird assemblages mixing native and alien species across New Zealand landscapes. Diversity and Distributions, 2022, 28, 38-52.	1.9	6
698	Convergent evolution in dippers (Aves, Cinclidae): The only wingâ€propelled diving songbirds. Anatomical Record, 2022, 305, 1563-1591.	0.8	8
699	Global Studies of the Host-Parasite Relationships between Ectoparasitic Mites of the Family Syringophilidae and Birds of the Order Columbiformes. Animals, 2021, 11, 3392.	1.0	7
700	Characterization of the complete mitochondrial genome of Otus lettia: exploring the mitochondrial evolution and phylogeny of owls (Strigiformes). Mitochondrial DNA Part B: Resources, 2021, 6, 3443-3451.	0.2	4
701	Divergence time estimation of Galliformes based on the best gene shopping scheme of ultraconserved elements. Bmc Ecology and Evolution, 2021, 21, 209.	0.7	17
703	Waterbird solves the string-pull test. Royal Society Open Science, 2021, 8, 211343.	1.1	2
706	New Remains of Scandiavis mikkelseni Inform Avian Phylogenetic Relationships and Brain Evolution. Diversity, 2021, 13, 651.	0.7	3
708	First Report of Fecal Microflora of Wild Bar-Headed Goose in Tibet Plateau. Frontiers in Veterinary Science, 2021, 8, 791461.	0.9	6
709	Structure and evolution of avian immunoglobulins. , 2022, , 101-119.		6
710	What do ossification sequences tell us about the origin of extant amphibians?. , 0, 2, .		6
711	Synergism, Bifunctionality, and the Evolution of a Gradual Sensory Trade-off in Hummingbird Taste Receptors. Molecular Biology and Evolution, 2022, 39, .	3.5	7
713	On the relationship between extant innate immune receptors and the evolutionary origins of jawed vertebrate adaptive immunity. Immunogenetics, 2022, 74, 111-128.	1.2	18
714	Phylogenetic Diversity of Ossification Patterns in the Avian Vertebral Column: A Review and New Data from the Domestic Pigeon and Two Species of Grebes. Biology, 2022, 11, 180.	1.3	0
715	Between a Rock and a Hard Polytomy: Phylogenomics of the Rock-Dwelling Mbuna Cichlids of Lake MalaÅµi. Systematic Biology, 2022, 71, 741-757.	2.7	17

#	Article	IF	Citations
716	Salmonella enterica Serovar Typhimurium Isolates from Wild Birds in the United States Represent Distinct Lineages Defined by Bird Type. Applied and Environmental Microbiology, 2022, 88, AEM0197921.	1.4	5
718	Paleogene Avifaunas: A Synopsis of General Biogeographic and Paleoecological Aspects. Fascinating Life Sciences, 2022, , 227-239.	0.5	1
725	Opisthocomiformes (Hoatzins), â€œColumbavesâ€•(Doves, Cuckoos, Bustards, and Allies), and Strisores (Nightjars, Swifts, Hummingbirds, and Allies). Fascinating Life Sciences, 2022, , 93-116.	0.5	2
726	Developmental Transcriptome Profiling of the Tibial Reveals the Underlying Molecular Basis for Why Newly Hatched Quails Can Walk While Newly Hatched Pigeons Cannot. Frontiers in Cell and Developmental Biology, 2022, 10, 745129.	1.8	1
727	An overview and update of South American and Antarctic fossil rheidae and putative ratitae (Aves,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	7
729	A new sectional classification of Lachenalia (Asparagaceae) based on a multilocus <scp>DNA</scp> phylogeny. Taxon, 0, , .	0.4	1
730	RNA Virus Diversity in Birds and Small Mammals From Qinghaiâ€“Tibet Plateau of China. Frontiers in Microbiology, 2022, 13, 780651.	1.5	7
731	Scalable Species Tree Inference with External Constraints. Journal of Computational Biology, 2022, 29, 664-678.	0.8	1
732	Reconstructing Macroevolutionary Patterns in Avian MHC Architecture With Genomic Data. Frontiers in Genetics, 2022, 13, 823686.	1.1	4
733	Red-Backed Shrike Lanius collurio Whole-Genome Sequencing Reveals Population Genetic Admixture. Diversity, 2022, 14, 216.	0.7	0
734	Comparative chromosome maps between the stone curlew and three ciconiiform species (the grey) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	4
735	Early evolution of diurnal habits in owls (Aves, Strigiformes) documented by a new and exquisitely preserved Miocene owl fossil from China. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119217119.	3.3	8
736	Aquatic birds have middle ears adapted to amphibious lifestyles. Scientific Reports, 2022, 12, 5251.	1.6	6
737	Subaqueous foraging among carnivorous dinosaurs. Nature, 2022, 603, 852-857.	13.7	28
738	Phylogenomic analyses highlight innovation and introgression in the continental radiations of Fagaceae across the Northern Hemisphere. Nature Communications, 2022, 13, 1320.	5.8	43
739	Evolutionary and Biogeographical History of Penguins (Sphenisciformes): Review of the Dispersal Patterns and Adaptations in a Geologic and Paleoecological Context. Diversity, 2022, 14, 255.	0.7	2
740	Birds can transition between stable and unstable states via wing morphing. Nature, 2022, 603, 648-653.	13.7	32
741	Vocal recognition of distance calls in a group-living basal bird: the greylag goose, Anser anser. Animal Behaviour, 2022, 186, 107-119.	0.8	1

#	Article	IF	Citations
742	A <scp>computed tomography</scp>â€based survey of paramedullary diverticula in extant Aves. Anatomical Record, 2023, 306, 29-50.	0.8	6
743	Executive Functions in Birds. Birds, 2022, 3, 184-220.	0.6	6
744	Two new neoavian taxa with contrasting palaeobiogeographical implications from the early Miocene St Bathans Fauna, New Zealand. Journal of Ornithology, 0, , 1.	0.5	0
745	Phylogenetic definitions for 25 higher-level clade names of birds. Avian Research, 2022, 13, 100027.	0.5	15
746	An updated look at the mating system, parental care and androgen seasonal variations in ratites. General and Comparative Endocrinology, 2022, 323-324, 114034.	0.8	1
747	A new haemosporidian parasite from the Red-legged Seriema Cariama cristata (Cariamiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	5
748	Comparative Genomics and Evolution of Avian Specialized Traits. Current Genomics, 2021, 22, 496-511.	0.7	7
749	A high-quality genome and comparison of short- versus long-read transcriptome of the palaearctic duck Aythya fuligula (tufted duck). GigaScience, 2021, 10, .	3.3	7
753	A birdâ€™s white-eye view on avian sex chromosome evolution. , 0, 1, .		13
754	Allometric conservatism in the evolution of bird beaks. Evolution Letters, 2022, 6, 83-91.	1.6	3
755	Review of morphology, development, and evolution of the notarium in birds. Anatomical Record, 2022, 305, 2079-2098.	0.8	3
756	Genomic evidence for the parallel regression of melatonin synthesis and signaling pathways in placental mammals. Open Research Europe, 0, 1, 75.	2.0	2
758	Natural History of the Little Bustard: Morphology, Biometry, Diet, Sexual Dimorphism, and Social and Breeding Behaviour. Wildlife Research Monographs, 2022, , 29-56.	0.4	1
759	Phylogeny of the order Phoenicopteriformes and population genetics of the Caribbean flamingo (Phoenicopterus ruber: Aves). Zoological Journal of the Linnean Society, 2022, 196, 1485-1504.	1.0	2
760	Localized Phylogenetic Discordance Among Nuclear Loci Due to Incomplete Lineage Sorting and Introgression in the Family of Cotton and Cacao (Malvaceae). Frontiers in Plant Science, 2022, 13, 850521.	1.7	0
761	Phylogenomics and host-switching patterns of Philopteridae (Psocodea: Phthiraptera) feather lice. International Journal for Parasitology, 2022, 52, 525-537.	1.3	3
762	Connectivity Patterns of the Hindlimb Musculoskeletal System in Living and Fossil Diving Birds. Evolutionary Biology, 0, , 1.	0.5	0
763	Investigating the utility of Anchored Hybrid Enrichment data to investigate the relationships among the Killifishes (Actinopterygii: Cyprinodontiformes), a globally distributed group of fishes. Molecular Phylogenetics and Evolution, 2022, 173, 107482.	1.2	7

#	Article	IF	Citations
764	Cerebral Polymorphisms for Lateralisation: Modelling the Genetic and Phenotypic Architectures of Multiple Functional Modules. Symmetry, 2022, 14, 814.	1.1	13
765	Tracking scientific discovery of avian phylogenetic diversity over 250 years. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220088.	1.2	6
766	Oldest fossil loon documents a pronounced ecomorphological shift in the evolution of gaviiform birds. Zoological Journal of the Linnean Society, 2022, 196, 1431-1450.	1.0	1
768	The First Genome of the Balearic Shearwater (Puffinus mauretanicus) Provides a Valuable Resource for Conservation Genomics and Sheds Light on Adaptation to a Pelagic lifestyle. Genome Biology and Evolution, 2022, 14, .	1.1	4
769	Falconiformes Cognition. , 2022, , 2605-2613.		0
770	Redefining the simplicity of the craniomandibular complex of nightjars: The case of Systellura longirostris (Aves: Caprimulgidae) by means of anatomical network analysis. Journal of Morphology, 2022, 283, 945-955.	0.6	0
771	Ancient proteins resolve controversy over the identity ofGenyorniseggshell. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
772	Domestication and the comparative embryology of birds. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2022, 338, 447-459.	0.6	2
774	Linked-Read Sequencing of Eight Falcons Reveals a Unique Genomic Architecture in Flux. Genome Biology and Evolution, 2022, 14, .	1.1	3
775	Incomplete lineage sorting and reticulate evolution mask species relationships in Brunelliaceae, an Andean family with rapid, recent diversification. American Journal of Botany, 2022, 109, 1139-1156.	0.8	6
776	Hummingbird plumage color diversity exceeds the known gamut of all other birds. Communications Biology, 2022, 5, .	2.0	4
777	Giant gar from directly above the Cretaceousâ€“Palaeogene boundary suggests healthy freshwater ecosystems existed within thousands of years of the asteroid impact. Biology Letters, 2022, 18, .	1.0	2
778	Detecting and Removing Sample Contamination in Phylogenomic Data: An Example and its Implications for Cicadidae Phylogeny (Insecta: Hemiptera). Systematic Biology, 2022, 71, 1504-1523.	2.7	6
779	A target capture approach for phylogenomic analyses at multiple evolutionary timescales in rosewoods (Dalbergia spp.) and the legume family (Fabaceae). Molecular Ecology Resources, 2022, 22, 3087-3105.	2.2	5
780	Molecular phylogenetics of the avian feather louse Philopterus-complex (Phthiraptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td (Ph	1.2	2
781	Categorical edge-based analyses of phylogenomic data reveal conflicting signals for difficult relationships in the avian tree. Molecular Phylogenetics and Evolution, 2022, 174, 107550.	1.2	1
782	The evolution of primate malaria parasites: A study on the origin and diversification of Plasmodium in lemurs. Molecular Phylogenetics and Evolution, 2022, 174, 107551.	1.2	3
783	Phylogenomic Coalescent Analyses of Avian Retroelements Infer Zero-Length Branches at the Base of Neoaves, Emergent Support for Controversial Clades, and Ancient Introgressive Hybridization in Afroaves. Genes, 2022, 13, 1167.	1.0	2

#	Article	IF	Citations
784	Phylogenomics and Diversification of the Schistosomatidae Based on Targeted Sequence Capture of Ultra-Conserved Elements. Pathogens, 2022, 11, 769.	1.2	2
785	Reâ€assessing the phylogenetic status and evolutionary relationship of Forest Owlet (Athene) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	0
786	Species delimitation and coexistence in an ancient, depauperate vertebrate clade. Bmc Ecology and Evolution, 2022, 22, .	0.7	1
787	New fossils from the London Clay show that the Eocene Masillaraptoridae are stem group representatives of falcons (Aves, Falconiformes). Journal of Vertebrate Paleontology, 0, , .	0.4	0
788	Vocal accommodation in penguins (Spheniscus demersus) as a result of social environment. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	4
789	Active exploration of an environment drives the activation of the hippocampusâ€“amygdala complex of domestic chicks. Journal of Experimental Biology, 2022, 225, .	0.8	2
790	Molecular phylogenetics of the Clupeiformes based on exon-capture data and a new classification of the order. Molecular Phylogenetics and Evolution, 2022, 175, 107590.	1.2	9
792	The Application of Quantitative Metabolomics for the Taxonomic Differentiation of Birds. Biology, 2022, 11, 1089.	1.3	5
793	Inner ear biomechanics reveals a Late Triassic origin for mammalian endothermy. Nature, 2022, 607, 726-731.	13.7	21
794	A need for standardized reporting of introgression: Insights from studies across eukaryotes. Evolution Letters, 2022, 6, 344-357.	1.6	14
795	Metabolic Scaling in Birds and Mammals: How Taxon Divergence Time, Phylogeny, and Metabolic Rate Affect the Relationship between Scaling Exponents and Intercepts. Biology, 2022, 11, 1067.	1.3	6
796	Beetle bioluminescence outshines extant aerial predators. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	9
797	Earliest evidence for fruit consumption and potential seed dispersal by birds. ELife, 0, 11, .	2.8	10
798	Life barcoded by DNA barcodes. Conservation Genetics Resources, 2022, 14, 351-365.	0.4	12
799	A Practical Guide to Design and Assess a Phylogenomic Study. Genome Biology and Evolution, 2022, 14, .	1.1	16
800	Number neurons in the nidopallium of young domestic chicks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	18
801	The role of ecological and geographical drivers of lineage diversification in the Squirrel cuckoo Piaya cayana in Mexico: a mitochondrial DNA perspective. Journal of Ornithology, 2023, 164, 37-53.	0.5	2
802	Comparative morphology and soft tissue histology of the remoteâ€touch billâ€tip organ in three ibis species of differing foraging ecology. Journal of Anatomy, 2022, 241, 966-980.	0.9	5

#	Article	IF	Citations
803	Early Eocene fossil illuminates the ancestral (diurnal) ecomorphology of owls and documents a mosaic evolution of the strigiform body plan. Ibis, 2023, 165, 231-247.	1.0	2
804	Genomic signatures and evolutionary history of the endangered blue-crowned laughingthrush and other Garrulax species. BMC Biology, 2022, 20, .	1.7	1
806	Adenoviruses in Avian Hosts: Recent Discoveries Shed New Light on Adenovirus Diversity and Evolution. Viruses, 2022, 14, 1767.	1.5	7
807	Southern hemisphere tectonics in the Cenozoic shaped the pantropical distribution of parrots and passerines. Journal of Biogeography, 2022, 49, 1753-1766.	1.4	3
808	A single residue confers selective loss of sugar sensing in wrynecks. Current Biology, 2022, 32, 4270-4278.e5.	1.8	6
809	A 14,000-year-old genome sheds light on the evolution and extinction of a Pleistocene vulture. Communications Biology, 2022, 5, .	2.0	0
810	A strong backbone for an invertebrate group: anchored phylogenomics improves the resolution of genus-level relationships within the Lumbricidae (Annelida, Crassiclitellata). Organisms Diversity and Evolution, 2022, 22, 915-924.	0.7	4
811	Quill Mites of the Family Syringophilidae (Acariformes: Prostigmata) Associated With the New World and African Parrots (Psittaciformes: Psittacidae) With the Description of Eight New Species. Journal of Medical Entomology, 0, , .	0.9	0
812	Comprehensive taxon sampling and vetted fossils help clarify the time tree of shorebirds (Aves,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42	1.2	20
813	Fossil basicranium clarifies the origin of the avian central nervous system and inner ear. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	9
814	Comparative anatomy of the passerine carpometacarpus helps illuminate the early fossil record of crown Passeriformes. Journal of Anatomy, 0, , .	0.9	3
815	Genome Report: Genomic novelty within a â€˜great speciatorâ€™ revealed by a high-quality reference genome of the collared kingfisher (Todiramphus chloris collaris). G3: Genes, Genomes, Genetics, 0, , .	0.8	2
817	Exploring Conflicts in Whole Genome Phylogenetics: A Case Study Within Manakins (Aves: Pipridae). Systematic Biology, 2023, 72, 161-178.	2.7	2
818	Paleohistological inferences of thermometabolic regimes in Notosuchia (Pseudosuchia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	5
819	Characterization of the Complete Mitochondrial Genome of Eight Diurnal Hawkmoths (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 887.	1.0	4
820	Epigenetics, Evolution and Development of Birds. , 2022, , 149-176.		0
822	Phylogenomics and classification of Notropis and related shiners (Cypriniformes: Leuciscidae) and the utility of exon capture on lower taxonomic groups. PeerJ, 0, 10, e14072.	0.9	2
823	Phylogenetic biome conservatism as a key concept for an integrative understanding of evolutionary history: Galliformes and Falconiformes as study cases. Zoological Journal of the Linnean Society, 0, , .	1.0	0

#	Article	IF	Citations
824	Concordance and Discordance in the Phylogenomics of the Wrasses and Parrotfishes (Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.7	9
826	Introducing Bee-Eater Hunting Strategy Algorithm for IoT-Based Green House Monitoring and Analysis. , 2022, , .		1
827	Feather function and the evolution of birds. Biological Reviews, 2023, 98, 540-566.	4.7	18
828	Neontological and paleontological congruence in the evolution of Podocarpaceae (coniferales) reproductive morphology. Frontiers in Ecology and Evolution, 0, 10, .	1.1	2
830	New species from the early Eocene London Clay suggest an undetected early Eocene diversity of the Leptosomiformes, an avian clade that includes a living fossil from Madagascar. Palaeobiodiversity and Palaeoenvironments, 2023, 103, 585-608.	0.6	1
831	Anatomy and Evolution of Avian Brain and Senses: What Endocasts Can Tell Us. , 2023, , 333-364.		0
832	Forty new specimens of Ichthyornis provide unprecedented insight into the postcranial morphology of crownward stem group birds. PeerJ, 0, 10, e13919.	0.9	13
834	Host-Parasite Relationships of Quill Mites (Syringophilidae) and Parrots (Psittaciformes). Diversity, 2023, 15, 1.	0.7	2
835	Immunohistochemical characterization of bipolar cells in four distantly related avian species. Journal of Comparative Neurology, 2023, 531, 561-581.	0.9	2
836	Scaling of ear morphology across 127 bird species and its implications for hearing performance. Hearing Research, 2023, 428, 108679.	0.9	4
837	Shifts in food webs and niche stability shaped survivorship and extinction at the end-Cretaceous. Science Advances, 2022, 8, .	4.7	4
838	Assessing the relative performance of fast molecular dating methods for phylogenomic data. BMC Genomics, 2022, 23, .	1.2	5
840	Diving into a dead-end: asymmetric evolution of diving drives diversity and disparity shifts in waterbirds. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	3
841	Parental provisioning drives brain size in birds. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	7
842	Loss of a gluconeogenic muscle enzyme contributed to adaptive metabolic traits in hummingbirds. Science, 2023, 379, 185-190.	6.0	8
843	Evolutionary insights from an anatomical network analysis of the hyolaryngeal apparatus in extant archosaurs (birds and crocodilians). Anatomical Record, 2023, 306, 1631-1645.	0.8	3
845	The gyrfalcon (Falco rusticolus) genome. G3: Genes, Genomes, Genetics, 2023, 13, .	0.8	0
846	Dinosaurs: Comparative Cytogenomics of Their Reptile Cousins and Avian Descendants. Animals, 2023, 13, 106.	1.0	2

#	Article	IF	Citations
847	Phylogenetics and the Cenozoic radiation of lampreys. Current Biology, 2023, 33, 397-404.e3.	1.8	8
848	Multiple skeletons of Rhynchaeites from the London Clay reveal the osteology of early Eocene ibises (Aves, Threskiornithidae). Palaontologische Zeitschrift, 0, , .	0.8	0
849	Phylogeny of Urostylididae (Heteroptera: Pentatomoidea) reveals rapid radiation and challenges traditional classification. Zoologica Scripta, 0, , .	0.7	2
850	Microstructural and crystallographic evolution of palaeognath (Aves) eggshells. ELife, 0, 12, .	2.8	4
851	Ecomorphological patterns in trigeminal canal branching among sauropsids reveal sensory shift in suchians. Journal of Anatomy, 2023, 242, 927-952.	0.9	3
852	The earliest record of bowerbirds (Passeriformes, Ptilonorhynchidae) from the Oligo-Miocene of northern Australia. Alcheringa, 0, , 1-9.	0.5	0
853	Phylogenomics and biogeography of arid-adapted Chlamydogobius goby fishes. Molecular Phylogenetics and Evolution, 2023, 182, 107757.	1.2	2
854	Comparison of embryonic development, from<scp>HH21</scp>to<scp>HH40</scp>, between ostrich (Struthio camelus) and chicken (Gallus gallus). Developmental Dynamics, 2023, 252, 668-681.	0.8	1
855	The use of Anchored Hybrid Enrichment data to resolve higher-level phylogenetic relationships: A proof-of-concept applied to Asterales (Eudicotyledoneae; Angiosperms). Molecular Phylogenetics and Evolution, 2023, 181, 107714.	1.2	0
856	Basal Anseriformes from the Early Paleogene of North America and Europe. Diversity, 2023, 15, 233.	0.7	4
857	Emerging biological insights enabled by high-resolution 3D motion data: promises, perspectives and pitfalls. Journal of Experimental Biology, 2023, 226, .	0.8	6
858	Neural correlates of cognitively controlled vocalizations in a corvid songbird. Cell Reports, 2023, 42, 112113.	2.9	0
859	Time trees and clock genes: a systematic review and comparative analysis of contemporary avian migration genetics. Biological Reviews, 2023, 98, 1051-1080.	4.7	7
860	Direct quantification of skeletal pneumaticity illuminates ecological drivers of a key avian trait. Proceedings of the Royal Society B: Biological Sciences, 2023, 290, .	1.2	2
861	Predictors of sequence capture in a large-scale anchored phylogenomics project. Frontiers in Ecology and Evolution, 0, 10, .	1.1	4
862	Early diversification of avian limb morphology and the role of modularity in the locomotor evolution of crown birds. Evolution; International Journal of Organic Evolution, 2023, 77, 342-354.	1.1	4
863	Mitochondrial genome analysis, phylogeny and divergence time evaluation of Strix aluco (Aves,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	0.4	0
864	Coloniality and development impact intraclutch consistency of avian eggs: a comparative analysis of theÂindividual repeatability of eggshell size and shape metrics. Die Naturwissenschaften, 2023, 110, .	0.6	0

#	Article	IF	Citations
865	Evolutionary diversification of defensins and cathelicidins in birds and primates. Molecular Immunology, 2023, 157, 53-69.	1.0	4
866	Evolutionary relationships of mitogenomes in a recently radiated Old World avian family. Avian Research, 2023, 14, 100097.	0.5	2
867	Evolutionary history of New World crakes (Aves: Rallidae) with emphasis on the tribe Laterallini. Zoologica Scripta, 2023, 52, 394-412.	0.7	1
868	PAReTT: A Python Package for the Automated Retrieval and Management of Divergence Time Data from the TimeTree Resource for Downstream Analyses. Journal of Molecular Evolution, 0, , .	0.8	0