Allan J Baker

List of Publications by Year
in descending order

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64 papers	3,930 citations	109321 35 h-index	123424 61 g-index
65 all docs	65 docs citations	65 times ranked	3962 citing authors

#	Article	IF	Citations
1	Molecular evidence for introgressive hybridization in New Zealand masked gulls. Ibis, 2023, 165, 248-269.	1.9	0
2	Global flyway evolution in red knots Calidris canutus and genetic evidence for a Nearctic refugium. Molecular Ecology, 2022, 31, 2124-2139.	3.9	7
3	Whole-Genome Analyses Resolve the Phylogeny of Flightless Birds (Palaeognathae) in the Presence of an Empirical Anomaly Zone. Systematic Biology, 2019, 68, 937-955.	5.6	88
4	Convergent regulatory evolution and loss of flight in paleognathous birds. Science, 2019, 364, 74-78.	12.6	189
5	Conserved Nonexonic Elements: A Novel Class of Marker for Phylogenomics. Systematic Biology, 2017, 66, 1028-1044.	5.6	46
6	Natural selection shaped the rise and fall of passenger pigeon genomic diversity. Science, 2017, 358, 951-954.	12.6	105
7	Explosive ice age diversification of kiwi. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5580-7.	7.1	78
8	Feather Development Genes and Associated Regulatory Innovation Predate the Origin of Dinosauria. Molecular Biology and Evolution, 2015, 32, 23-28.	8.9	57
9	One hundred new universal exonic markers for birds developed from a genomic pipeline. Journal of Ornithology, 2014, 155, 561-569.	1.1	7
10	Genomic Support for a Moaâ€“Tinamou Clade and Adaptive Morphological Convergence in Flightless Ratites. Molecular Biology and Evolution, 2014, 31, 1686-1696.	8.9	80
11	Gastro-intestinal microbiota of two migratory shorebird species during spring migration staging in Delaware Bay, USA. Journal of Ornithology, 2014, 155, 969-977.	1.1	42
12	Characterization of MHC class I in a long-distance migrant shorebird suggests multiple transcribed genes and intergenic recombination. Immunogenetics, 2013, 65, 211-225.	2.4	19
13	Multiple nuclear genes and retroposons support vicariance and dispersal of the palaeognaths, and an Early Cretaceous origin of modern birds. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4617-4625.	2.6	86
14	Eight independent nuclear genes support monophyly of the plovers: The role of mutational variance in gene trees. Molecular Phylogenetics and Evolution, 2012, 65, 631-641.	2.7	15
15	DNA Barcode Detects High Genetic Structure within Neotropical Bird Species. PLoS ONE, 2011, 6, e28543.	2.5	63
16	Novel and cross-species microsatellite markers for parentage analysis in Sanderling Calidris alba. Journal of Ornithology, 2011, 152, 807-810.	1.1	2
17	A rare case of Plasmodium (Haemamoeba) relictum infection in a free-living Red Knot (Calidris canutus) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	10
18	Species limits and population differentiation in New Zealand snipes (Scolopacidae: Coenocorypha). Conservation Genetics, 2010, 11, 1363-1374.	1.5	6

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19	Phylogenetic and coalescent analysis of three loci suggest that the Water Rail is divisible into two species, Rallus aquaticus and R. indicus. BMC Evolutionary Biology, 2010, 10, 226.	3.2	18
20	Linking intronic polymorphism on the CHD1â€Z gene with fitness correlates in Blackâ€tailed Godwits Limosa l. limosa. Ibis, 2010, 152, 368-377.	1.9	23
21	A novel mitochondrial gene order in shorebirds (Scolopacidae, Charadriiformes). Molecular Phylogenetics and Evolution, 2010, 57, 411-416.	2.7	32
22	The enigmatic monotypic crab plover Dromas ardeola is closely related to pratincoles and coursers (Aves, Charadriiformes, Glareolidae). Genetics and Molecular Biology, 2010, 33, 583-586.	1.3	6
23	Multigene phylogeny and DNA barcoding indicate that the Sandwich tern complex (Thalasseus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 52, 263-267.	2.7	20
24	Contrasting Phylogeographic Patterns in Mitochondrial DNA and Microsatellites: Evidence of Female Philopatry and Male-biased Gene Flow among Regional Populations of the Blue-and-yellow Macaw (Psittaciformes:Ara ararauna) in Brazil. Auk, 2009, 126, 359-370.	1.4	28
25	Countering criticisms of single mitochondrial DNA gene barcoding in birds. Molecular Ecology Resources, 2009, 9, 257-268.	4.8	75
26	High genetic diversity in the blue-listed British Columbia population of the purple martin maintained by multiple sources of immigrants. Conservation Genetics, 2008, 9, 495-505.	1.5	10
27	Islands in the sky: the impact of Pleistocene climate cycles on biodiversity. Journal of Biology, 2008, 7, 32.	2.7	7
28	DNA evidence for a Paleocene origin of the Alcidae (Aves: Charadriiformes) in the Pacific and multiple dispersals across northern oceans. Molecular Phylogenetics and Evolution, 2008, 46, 430-445.	2.7	47
29	Single mitochondrial gene barcodes reliably identify sister-species in diverse clades of birds. BMC Evolutionary Biology, 2008, 8, 81.	3.2	170
30	:Speciation in Birds. Condor, 2008, 110, 396-398.	1.6	1
31	Mitochondrial and Nuclear DNA Sequences Support a Cretaceous Origin of Columbiformes and a Dispersal-Driven Radiation in the Paleogene. Systematic Biology, 2007, 56, 656-672.	5.6	110
32	Mitochondrial-DNA evidence shows the Australian Painted Snipe is a full species, Rostratula australis. Emu, 2007, 107, 185-189.	0.6	3
33	Molecular Advances in the Study of Geographic Variation and Speciation in Birds. Ornithological Monographs, 2007, , 18-29.	1.3	0
34	Phylogenetic relationships and divergence times of Charadriiformes genera: multigene evidence for the Cretaceous origin of at least 14 clades of shorebirds. Biology Letters, 2007, 3, 205-210.	2.3	173
35	Rates of mass gain and energy deposition in red knot on their final spring staging site is both time- and condition-dependent. Journal of Applied Ecology, 2007, 44, 885-895.	4.0	89
36	Phylogenetic Relationships and Historical Biogeography of Neotropical Parrots (Psittaciformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 55, 454-470.	5.6	108

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37	A Mitogenomic Timescale for Birds Detects Variable Phylogenetic Rates of Molecular Evolution and Refutes the Standard Molecular Clock. Molecular Biology and Evolution, 2006, 23, 1731-1740.	8.9	222
38	Relationships of gullsâ€"A reply to Bourne. Auk, 2006, 123, 906-907.	1.4	1
39	A molecular timescale for galliform birds accounting for uncertainty in time estimates and heterogeneity of rates of DNA substitutions across lineages and sites. Molecular Phylogenetics and Evolution, 2006, 38, 499-509.	2.7	103
40	Sequences from 14 mitochondrial genes provide a well-supported phylogeny of the Charadriiform birds congruent with the nuclear RAG-1 tree. Molecular Phylogenetics and Evolution, 2006, 39, 657-667.	2.7	69
41	Multiple gene evidence for expansion of extant penguins out of Antarctica due to global cooling. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 11-17.	2.6	118
42	A phylogenetic framework for the terns (Sternini) inferred from mtDNA sequences: implications for taxonomy and plumage evolution. Molecular Phylogenetics and Evolution, 2005, 35, 459-469.	2.7	82
43	Unravelling the migration and moult strategies of a long-distance migrant using stable isotopes: Red Knot Calidris canutus movements in the Americas. Ibis, 2005, 147, 738-749.	1.9	63
44	Molecular Evidence for Recent Radiation in Southern Hemisphere Masked Gulls. Auk, 2005, 122, 268-279.	1.4	13
45	Population Divergence Times and Historical Demography in red Knots and Dunlins. Condor, 2005, 107, 497-513.	1.6	44
46	Multiple Gene Evidence for Parallel Evolution and Retention of Ancestral Morphological States in the Shanks (Charadriiformes: Scolopacidae). Condor, 2005, 107, 514-526.	1.6	20
47	MOLECULAR EVIDENCE FOR RECENT RADIATION IN SOUTHERN HEMISPHERE MASKED GULLS. Auk, 2005, 122, 268.	1.4	12
48	Reconstructing the tempo and mode of evolution in an extinct clade of birds with ancient DNA: The giant moas of New Zealand. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8257-8262.	7.1	82
49	POPULATION DIVERGENCE TIMES AND HISTORICAL DEMOGRAPHY IN RED KNOTS AND DUNLINS. Condor, 2005, 107, 497.	1.6	46
50	MULTIPLE GENE EVIDENCE FOR PARALLEL EVOLUTION AND RETENTION OF ANCESTRAL MORPHOLOGICAL STATES IN THE SHANKS (CHARADRIIFORMES: SCOLOPACIDAE). Condor, 2005, 107, 514.	1.6	29
51	Rapid population decline in red knots: fitness consequences of decreased refuelling rates and late arrival in Delaware Bay. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 875-882.	2.6	373
52	Vicariant Speciation of Curassows (Aves, Cracidae): A Hypothesis Based on Mitochondrial DNA Phylogeny. Auk, 2004, 121, 682-694.	1.4	55
53	VICARIANT SPECIATION OF CURASSOWS (AVES, CRACIDAE): A HYPOTHESIS BASED ON MITOCHONDRIAL DNA PHYLOGENY. Auk, 2004, 121, 682.	1.4	58
54	Title is missing!. Conservation Genetics, 2003, 4, 167-177.	1.5	67

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55	RAC-1 sequences resolve phylogenetic relationships within Charadriiform birds. Molecular Phylogenetics and Evolution, 2003, 29, 268-278.	2.7	145
56	Complete mitochondrial DNA genome sequences show that modern birds are not descended from transitional shorebirds. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 839-846.	2.6	119
57	Combined Nuclear and Mitochondrial DNA Sequences Resolve Generic Relationships within the Cracidae (Galliformes, Aves). Systematic Biology, 2002, 51, 946-958.	5.6	75
58	HISTORICAL DEMOGRAPHY AND PRESENT DAY POPULATION STRUCTURE OF THE GREENFINCH,CARDUELIS CHLORIS-AN ANALYSIS OF mtDNA CONTROL-REGION SEQUENCES. Evolution; International Journal of Organic Evolution, 1997, 51, 946-956.	2.3	111
59	A POPULATION MEMETICS APPROACH TO CULTURAL EVOLUTION IN CHAFFINCH SONG: DIFFERENTIATION AMONG POPULATIONS. Evolution; International Journal of Organic Evolution, 1994, 48, 351-359.	2.3	65
60	MORPHOMETRIC VARIABILITY IN CONTINENTAL AND ATLANTIC ISLAND POPULATIONS OF CHAFFINCHES (FRINGILLA COELEBS). Evolution; International Journal of Organic Evolution, 1991, 45, 29-39.	2.3	12
61	Association between mitochondrial DNA and morphological evolution in Canada geese. Journal of Molecular Evolution, 1990, 31, 373-382.	1.8	69
62	Mechanisms of song differentiation in introduced populations of Chaffinches Fringilla coelebs in New Zealand. Ibis, 1984, 126, 510-524.	1.9	36
63	Lipid levels in the South Island pied oystercatcher (Haematopus ostralegus finschi). New Zealand Journal of Zoology, 1975, 2, 425-434.	1.1	3
64	Criteria for aging and sexing New Zealand oystercatchers. New Zealand Journal of Marine and Freshwater Research, 1974, 8, 211-221.	2.0	16