

# Allan J Baker

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

3,930  
citations

109137

35  
h-index

123241

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. <i>Ibis</i> , 2023, 165, 248-269.	1.0	0
2	Global flyway evolution in red knots <i>Calidris canutus</i> and genetic evidence for a Nearctic refugium. <i>Molecular Ecology</i> , 2022, 31, 2124-2139.	2.0	7
3	Whole-Genome Analyses Resolve the Phylogeny of Flightless Birds (Palaeognathae) in the Presence of an Empirical Anomaly Zone. <i>Systematic Biology</i> , 2019, 68, 937-955.	2.7	88
4	Convergent regulatory evolution and loss of flight in paleognathous birds. <i>Science</i> , 2019, 364, 74-78.	6.0	189
5	Conserved Nonexonic Elements: A Novel Class of Marker for Phylogenomics. <i>Systematic Biology</i> , 2017, 66, 1028-1044.	2.7	46
6	Natural selection shaped the rise and fall of passenger pigeon genomic diversity. <i>Science</i> , 2017, 358, 951-954.	6.0	105
7	Explosive ice age diversification of kiwi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5580-7.	3.3	78
8	Feather Development Genes and Associated Regulatory Innovation Predate the Origin of Dinosauria. <i>Molecular Biology and Evolution</i> , 2015, 32, 23-28.	3.5	57
9	One hundred new universal exonic markers for birds developed from a genomic pipeline. <i>Journal of Ornithology</i> , 2014, 155, 561-569.	0.5	7
10	Genomic Support for a Moa–Tinamou Clade and Adaptive Morphological Convergence in Flightless Ratites. <i>Molecular Biology and Evolution</i> , 2014, 31, 1686-1696.	3.5	80
11	Gastro-intestinal microbiota of two migratory shorebird species during spring migration staging in Delaware Bay, USA. <i>Journal of Ornithology</i> , 2014, 155, 969-977.	0.5	42
12	Characterization of MHC class I in a long-distance migrant shorebird suggests multiple transcribed genes and intergenic recombination. <i>Immunogenetics</i> , 2013, 65, 211-225.	1.2	19
13	Multiple nuclear genes and retroposons support vicariance and dispersal of the palaeognaths, and an Early Cretaceous origin of modern birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4617-4625.	1.2	86
14	Eight independent nuclear genes support monophyly of the plovers: The role of mutational variance in gene trees. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 631-641.	1.2	15
15	DNA Barcode Detects High Genetic Structure within Neotropical Bird Species. <i>PLoS ONE</i> , 2011, 6, e28543.	1.1	63
16	Novel and cross-species microsatellite markers for parentage analysis in Sanderling <i>Calidris alba</i> . <i>Journal of Ornithology</i> , 2011, 152, 807-810.	0.5	2
17	A rare case of <i>Plasmodium</i> ( <i>Haemamoeba</i> ) <i>relictum</i> infection in a free-living Red Knot ( <i>Calidris canutus</i> ) Tj ETQq1 1 0.784314 rgBT /Over	0.5	16
18	Species limits and population differentiation in New Zealand snipes (Scolopacidae: Coenocorypha). <i>Conservation Genetics</i> , 2010, 11, 1363-1374.	0.8	6

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19	Phylogenetic and coalescent analysis of three loci suggest that the Water Rail is divisible into two species, <i>Rallus aquaticus</i> and <i>R. indicus</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 226.	3.2	18
20	Linking intronic polymorphism on the <i>CHD1</i> gene with fitness correlates in Black-tailed Godwits ( <i>Limosa l. limosa</i> ). <i>Ibis</i> , 2010, 152, 368-377.	1.0	23
21	A novel mitochondrial gene order in shorebirds (Scolopacidae, Charadriiformes). <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 411-416.	1.2	32
22	The enigmatic monotypic crab plover <i>Dromas ardeola</i> is closely related to pratincoles and coursers (Aves, Charadriiformes, Glareolidae). <i>Genetics and Molecular Biology</i> , 2010, 33, 583-586.	0.6	6
23	Multigene phylogeny and DNA barcoding indicate that the Sandwich tern complex ( <i>Thalasseus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 52, 263-267.	1.2	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: <i>Ara ararauna</i> ) in Brazil. <i>Auk</i> , 2009, 126, 359-370.	0.7	28
25	Countering criticisms of single mitochondrial DNA gene barcoding in birds. <i>Molecular Ecology Resources</i> , 2009, 9, 257-268.	2.2	75
26	High genetic diversity in the blue-listed British Columbia population of the purple martin maintained by multiple sources of immigrants. <i>Conservation Genetics</i> , 2008, 9, 495-505.	0.8	10
27	Islands in the sky: the impact of Pleistocene climate cycles on biodiversity. <i>Journal of Biology</i> , 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. <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 430-445.	1.2	47
29	Single mitochondrial gene barcodes reliably identify sister-species in diverse clades of birds. <i>BMC Evolutionary Biology</i> , 2008, 8, 81.	3.2	170
30	:Speciation in Birds. <i>Condor</i> , 2008, 110, 396-398.	0.7	1
31	Mitochondrial and Nuclear DNA Sequences Support a Cretaceous Origin of Columbiformes and a Dispersal-Driven Radiation in the Paleogene. <i>Systematic Biology</i> , 2007, 56, 656-672.	2.7	110
32	Mitochondrial-DNA evidence shows the Australian Painted Snipe is a full species, <i>Rostratula australis</i> . <i>Emu</i> , 2007, 107, 185-189.	0.2	3
33	Molecular Advances in the Study of Geographic Variation and Speciation in Birds. <i>Ornithological Monographs</i> , 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. <i>Biology Letters</i> , 2007, 3, 205-210.	1.0	173
35	Rates of mass gain and energy deposition in red knot on their final spring staging site is both time- and condition-dependent. <i>Journal of Applied Ecology</i> , 2007, 44, 885-895.	1.9	89
36	Phylogenetic Relationships and Historical Biogeography of Neotropical Parrots (Psittaciformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 55, 454-470.	2.7	108

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37	A Mitogenomic Timescale for Birds Detects Variable Phylogenetic Rates of Molecular Evolution and Refutes the Standard Molecular Clock. <i>Molecular Biology and Evolution</i> , 2006, 23, 1731-1740.	3.5	222
38	Relationships of gulls—A reply to Bourne. <i>Auk</i> , 2006, 123, 906-907.	0.7	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. <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 499-509.	1.2	103
40	Sequences from 14 mitochondrial genes provide a well-supported phylogeny of the Charadriiform birds congruent with the nuclear RAG-1 tree. <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 657-667.	1.2	69
41	Multiple gene evidence for expansion of extant penguins out of Antarctica due to global cooling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 11-17.	1.2	118
42	A phylogenetic framework for the terns (Sternini) inferred from mtDNA sequences: implications for taxonomy and plumage evolution. <i>Molecular Phylogenetics and Evolution</i> , 2005, 35, 459-469.	1.2	82
43	Unravelling the migration and moult strategies of a long-distance migrant using stable isotopes: Red Knot <i>Calidris canutus</i> movements in the Americas. <i>Ibis</i> , 2005, 147, 738-749.	1.0	63
44	Molecular Evidence for Recent Radiation in Southern Hemisphere Masked Gulls. <i>Auk</i> , 2005, 122, 268-279.	0.7	13
45	Population Divergence Times and Historical Demography in red Knots and Dunlins. <i>Condor</i> , 2005, 107, 497-513.	0.7	44
46	Multiple Gene Evidence for Parallel Evolution and Retention of Ancestral Morphological States in the Shanks (Charadriiformes: Scolopacidae). <i>Condor</i> , 2005, 107, 514-526.	0.7	20
47	MOLECULAR EVIDENCE FOR RECENT RADIATION IN SOUTHERN HEMISPHERE MASKED GULLS. <i>Auk</i> , 2005, 122, 268.	0.7	12
48	Reconstructing the tempo and mode of evolution in an extinct clade of birds with ancient DNA: The giant moas of New Zealand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8257-8262.	3.3	82
49	POPULATION DIVERGENCE TIMES AND HISTORICAL DEMOGRAPHY IN RED KNOTS AND DUNLINS. <i>Condor</i> , 2005, 107, 497.	0.7	46
50	MULTIPLE GENE EVIDENCE FOR PARALLEL EVOLUTION AND RETENTION OF ANCESTRAL MORPHOLOGICAL STATES IN THE SHANKS (CHARADRIIFORMES: SCOLOPACIDAE). <i>Condor</i> , 2005, 107, 514.	0.7	29
51	Rapid population decline in red knots: fitness consequences of decreased refuelling rates and late arrival in Delaware Bay. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 875-882.	1.2	373
52	Vicariant Speciation of Curassows (Aves, Cracidae): A Hypothesis Based on Mitochondrial DNA Phylogeny. <i>Auk</i> , 2004, 121, 682-694.	0.7	55
53	VICARIANT SPECIATION OF CURASSOWS (AVES, CRACIDAE): A HYPOTHESIS BASED ON MITOCHONDRIAL DNA PHYLOGENY. <i>Auk</i> , 2004, 121, 682.	0.7	58
54	Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 167-177.	0.8	67

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55	RAG-1 sequences resolve phylogenetic relationships within Charadriiform birds. <i>Molecular Phylogenetics and Evolution</i> , 2003, 29, 268-278.	1.2	145
56	Complete mitochondrial DNA genome sequences show that modern birds are not descended from transitional shorebirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 839-846.	1.2	119
57	Combined Nuclear and Mitochondrial DNA Sequences Resolve Generic Relationships within the Cracidae (Galliformes, Aves). <i>Systematic Biology</i> , 2002, 51, 946-958.	2.7	75
58	HISTORICAL DEMOGRAPHY AND PRESENT DAY POPULATION STRUCTURE OF THE GREENFINCH, <i>CARDUEUS CHLORIS</i> -AN ANALYSIS OF mtDNA CONTROL-REGION SEQUENCES. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 946-956.	1.1	111
59	A POPULATION MEMETICS APPROACH TO CULTURAL EVOLUTION IN CHAFFINCH SONG: DIFFERENTIATION AMONG POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 351-359.	1.1	65
60	MORPHOMETRIC VARIABILITY IN CONTINENTAL AND ATLANTIC ISLAND POPULATIONS OF CHAFFINCHES ( <i>FRINGILLA COELEBS</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 29-39.	1.1	12
61	Association between mitochondrial DNA and morphological evolution in Canada geese. <i>Journal of Molecular Evolution</i> , 1990, 31, 373-382.	0.8	69
62	Mechanisms of song differentiation in introduced populations of Chaffinches <i>Fringilla coelebs</i> in New Zealand. <i>Ibis</i> , 1984, 126, 510-524.	1.0	36
63	Lipid levels in the South Island pied oystercatcher ( <i>Haematopus ostralegus finschi</i> ). <i>New Zealand Journal of Zoology</i> , 1975, 2, 425-434.	0.6	3
64	Criteria for aging and sexing New Zealand oystercatchers. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1974, 8, 211-221.	0.8	16