Andrew D Foote

List of Publications by Year
in descending order

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55 papers	4,570 citations	172457 29 h-index	161849 54 g-index
62 all docs	62 docs citations	62 times ranked	6433 citing authors

#	Article	IF	Citations
1	Genomics and the origin of species. Nature Reviews Genetics, 2014, 15, 176-192.	16.3	850
2	Convergent evolution of the genomes of marine mammals. Nature Genetics, 2015, 47, 272-275.	21.4	392
3	Complete mitochondrial genome phylogeographic analysis of killer whales (Orcinus orca) indicates multiple species. Genome Research, 2010, 20, 908-916.	5.5	330
4	PCB pollution continues to impact populations of orcas and other dolphins in European waters. Scientific Reports, 2016, 6, 18573.	3.3	320
5	Investigating the Potential Use of Environmental DNA (eDNA) for Genetic Monitoring of Marine Mammals. PLoS ONE, 2012, 7, e41781.	2.5	294
6	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. Nature Communications, 2016, 7, 11693.	12.8	222
7	Whale-call response to masking boat noise. Nature, 2004, 428, 910-910.	27.8	211
8	Ecological, morphological and genetic divergence of sympatric North Atlantic killer whale populations. Molecular Ecology, 2009, 18, 5207-5217.	3.9	156
9	Positive selection on the killer whale mitogenome. Biology Letters, 2011, 7, 116-118.	2.3	97
10	Genetic differentiation among North Atlantic killer whale populations. Molecular Ecology, 2011, 20, 629-641.	3.9	86
11	Sympatric Speciation in the Genomic Era. Trends in Ecology and Evolution, 2018, 33, 85-95.	8.7	83
12	Mitogenomic phylogenetic analyses of the Delphinidae with an emphasis on the Globicephalinae. BMC Evolutionary Biology, 2011, 11, 65.	3.2	76
13	Geographic and temporal dynamics of a global radiation and diversification in the killer whale. Molecular Ecology, 2015, 24, 3964-3979.	3.9	74
14	Killer whales are capable of vocal learning. Biology Letters, 2006, 2, 509-512.	2.3	73
15	Mortality rate acceleration and post-reproductive lifespan in matrilineal whale species. Biology Letters, 2008, 4, 189-191.	2.3	71
16	The life aquatic: advances in marine vertebrate genomics. Nature Reviews Genetics, 2016, 17, 523-534.	16.3	69
17	Herbarium specimens reveal a historical shift in phylogeographic structure of common ragweed during native range disturbance. Molecular Ecology, 2014, 23, 1701-1716.	3.9	68
18	Ancient DNA reveals that bowhead whale lineages survived Late Pleistocene climate change and habitat shifts. Nature Communications, 2013, 4, 1677.	12.8	66

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19	Inference of natural selection from ancient DNA. Evolution Letters, 2020, 4, 94-108.	3.3	58
20	Movement, site fidelity and connectivity in a top marine predator, the killer whale. Evolutionary Ecology, 2010, 24, 803-814.	1.2	56
21	The influence of ecology on sociality in the killer whale (Orcinus orca). Behavioral Ecology, 2012, 23, 246-253.	2.2	54
22	Genomic Methods Take the Plunge: Recent Advances in High-Throughput Sequencing of Marine Mammals. Journal of Heredity, 2016, 107, 481-495.	2.4	50
23	Vocal behaviour and feeding ecology of killer whales Orcinus orca around Shetland, UK. Aquatic Biology, 2011, 13, 79-88.	1.4	50
24	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. Molecular Ecology, 2019, 28, 3427-3444.	3.9	46
25	Phylogenomics and species delimitation for effective conservation of manta and devil rays. Molecular Ecology, 2020, 29, 4783-4796.	3.9	45
26	Variation in call pitch among killer whale ecotypes. Journal of the Acoustical Society of America, 2008, 123, 1747-1752.	1.1	42
27	Hostâ€derived population genomics data provides insights into bacterial and diatom composition of the killer whale skin. Molecular Ecology, 2019, 28, 484-502.	3.9	42
28	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. Molecular Ecology, 2021, 30, 6162-6177.	3.9	39
29	Tracking niche variation over millennial timescales in sympatric killer whale lineages. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131481.	2.6	36
30	Using opportunistic photo-identifications to detect a population decline of killer whales (Orcinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Kingdom, 2014, 94, 1327-1333.	0.8	34
31	Out of the Pacific and Back Again: Insights into the Matrilineal History of Pacific Killer Whale Ecotypes. PLoS ONE, 2011, 6, e24980.	2.5	33
32	Ancient and modern stickleback genomes reveal the demographic constraints on adaptation. Current Biology, 2021, 31, 2027-2036.e8.	3.9	33
33	Falseâ€negative detections from environmental DNA collected in the presence of large numbers of killer whales (Orcinus orca). Environmental DNA, 2019, 1, 316-328.	5.8	32
34	Occurrence of killer whales in Scottish inshore waters: temporal and spatial patterns relative to the distribution of declining harbour seal populations. Aquatic Conservation: Marine and Freshwater Ecosystems, 2009, 19, 671-675.	2.0	30
35	Ancient DNA from marine mammals: Studying long-lived species over ecological and evolutionary timescales. Annals of Anatomy, 2012, 194, 112-120.	1.9	29
36	Using a multi-disciplinary approach to identify a critically endangered killer whale management unit. Ecological Indicators, 2016, 66, 291-300.	6.3	27

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37	Selection on ancestral genetic variation fuels repeated ecotype formation in bottlenose dolphins. Science Advances, 2021, 7, eabg1245.	10.3	27
38	Temporal and Contextual Patterns of Killer Whale (Orcinus orca) Call Type Production. Ethology, 2008, 114, 599-606.	1.1	25
39	Mitogenomic insights into a recently described and rarely observed killer whale morphotype. Polar Biology, 2013, 36, 1519-1523.	1.2	25
40	Dietary variation within and between populations of northeast Atlantic killer whales, Orcinus orca, inferred from Î´¹³C and Î´¹⁵N analyses. Marine Mammal Science, 2012, 28, E472.	1.8	24
41	Demography or selection on linked cultural traits or genes? Investigating the driver of low mtDNA diversity in the sperm whale using complementary mitochondrial and nuclear genome analyses. Molecular Ecology, 2018, 27, 2604-2619.	3.9	24
42	Cross-cultural and cross-ecotype production of a killer whale â€˜excitementâ€™ call suggests universality. Die Naturwissenschaften, 2011, 98, 1-6.	1.6	22
43	Rapid Parallel Adaptation to Anthropogenic Heavy Metal Pollution. Molecular Biology and Evolution, 2021, 38, 3724-3736.	8.9	19
44	Postglacial Colonization of Northern Coastal Habitat by Bottlenose Dolphins: A Marine Leading-Edge Expansion?. Journal of Heredity, 2019, 110, 662-674.	2.4	16
45	Quantifying dispersal between marine protected areas by a highly mobile species, the bottlenose dolphin, Tursiops truncatus. Ecology and Evolution, 2018, 8, 9241-9258.	1.9	15
46	Marine genomics: News and views. Marine Genomics, 2017, 31, 1-8.	1.1	12
47	Seeing the whole picture: What molecular ecology is gaining from whole genomes. Molecular Ecology, 2021, 30, 5917-5922.	3.9	12
48	Minimally destructive DNA extraction from archaeological artefacts made from whale baleen. Journal of Archaeological Science, 2012, 39, 3750-3753.	2.4	11
49	SNP Discovery from Single and Multiplex Genome Assemblies of Non-model Organisms. Methods in Molecular Biology, 2018, 1712, 113-144.	0.9	10
50	Building genomic infrastructure: Sequencing platinumâ€standard referenceâ€quality genomes of all cetacean species. Marine Mammal Science, 2020, 36, 1356-1366.	1.8	10
51	Sex determination of baleen whale artefacts: Implications for ancient DNA use in zooarchaeology. Journal of Archaeological Science: Reports, 2016, 10, 345-349.	0.5	8
52	A comparison of pigmentation features among North Atlantic killer whale (Orcinus orca) populations. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 1335-1341.	0.8	7
53	North Atlantic killer whale research; past, present and future. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 1245-1252.	0.8	6
54	The significance of postreproductive lifespans in killer whales: a comment on Robeck et al.: Table 1.. Journal of Mammalogy, 2016, 97, 906-909.	1.3	6

#	Article	IF	Citations
55	Remembering Laura Corrigan. Environmental DNA, 2021, 3, 321-322.	5.8	0