Phillip A Morin

List of Publications by Year
in descending order

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60	4,118	172457	133252
papers	citations	29 h-index	59 g-index

66	66	66	5409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SNPs in ecology, evolution and conservation. Trends in Ecology and Evolution, 2004, 19, 208-216.	8.7	805
2	Complete mitochondrial genome phylogeographic analysis of killer whales (Orcinus orca) indicates multiple species. Genome Research, 2010, 20, 908-916.	5.5	330
3	Minke whale genome and aquatic adaptation in cetaceans. Nature Genetics, 2014, 46, 88-92.	21.4	227
4	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. Nature Communications, 2016, 7, 11693.	12.8	222
5	Assessing statistical power of SNPs for population structure and conservation studies. Molecular Ecology Resources, 2009, 9, 66-73.	4.8	198
6	Genomics in Conservation: Case Studies and Bridging the Gap between Data and Application. Trends in Ecology and Evolution, 2016, 31, 81-83.	8.7	173
7	Phylogenomic Resolution of the Cetacean Tree of Life Using Target Sequence Capture. Systematic Biology, 2020, 69, 479-501.	5.6	160
8	Mitogenome Phylogenetics: The Impact of Using Single Regions and Partitioning Schemes on Topology, Substitution Rate and Divergence Time Estimation. PLoS ONE, 2011, 6, e27138.	2.5	128
9	Single nucleotide polymorphism (SNP) discovery in mammals: a targeted-gene approach. Molecular Ecology, 2004, 13, 1423-1431.	3.9	121
10	Positive selection on the killer whale mitogenome. Biology Letters, 2011, 7, 116-118.	2.3	97
11	Interfamilial characterization of a region of the ZFX and ZFY genes facilitates sex determination in cetaceans and other mammals. Molecular Ecology, 2005, 14, 3275-3286.	3.9	84
12	Marine turtle mitogenome phylogenetics and evolution. Molecular Phylogenetics and Evolution, 2012, 65, 241-250.	2.7	83
13	Highly accurate SNP genotyping from historical and low-quality samples. Molecular Ecology Notes, 2007, 7, 937-946.	1.7	82
14	Targeted multiplex nextâ€generation sequencing: advances in techniques of mitochondrial and nuclear <scp>DNA</scp> sequencing for population genomics. Molecular Ecology Resources, 2013, 13, 254-268.	4.8	81
15	Mitogenomic phylogenetic analyses of the Delphinidae with an emphasis on the Globicephalinae. BMC Evolutionary Biology, 2011, 11, 65.	3.2	76
16	Geographic and temporal dynamics of a global radiation and diversification in the killer whale. Molecular Ecology, 2015, 24, 3964-3979.	3.9	74
17	Applied Conservation Genetics and the Need for Quality Control and Reporting of Genetic Data Used in Fisheries and Wildlife Management. Journal of Heredity, 2010, 101, 1-10.	2.4	73
18	Guidelines and quantitative standards to improve consistency in cetacean subspecies and species delimitation relying on molecular genetic data. Marine Mammal Science, 2017, 33, 132-155.	1.8	65

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19	Sperm whale population structure in the eastern and central North Pacific inferred by the use of singleâ€nucleotide polymorphisms, microsatellites and mitochondrial DNA. Molecular Ecology Resources, 2011, 11, 278-298.	4.8	63
20	Significant deviations from Hardyâ€“Weinberg equilibrium caused by low levels of microsatellite genotyping errors. Molecular Ecology Resources, 2009, 9, 498-504.	4.8	58
21	Mitogenomic Phylogenetics of Fin Whales (Balaenoptera physalus spp.): Genetic Evidence for Revision of Subspecies. PLoS ONE, 2013, 8, e63396.	2.5	58
22	Reference genome and demographic history of the most endangered marine mammal, the vaquita. Molecular Ecology Resources, 2021, 21, 1008-1020.	4.8	54
23	The critically endangered vaquita is not doomed to extinction by inbreeding depression. Science, 2022, 376, 635-639.	12.6	49
24	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. Molecular Ecology, 2019, 28, 3427-3444.	3.9	46
25	Inactivation of C4orf26 in toothless placental mammals. Molecular Phylogenetics and Evolution, 2016, 95, 34-45.	2.7	45
26	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
27	Normalization and binning of historical and multiâ€source microsatellite data: overcoming the problems of allele size shift with <scp>allelogram</scp>. Molecular Ecology Resources, 2009, 9, 1451-1455.	4.8	41
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	GENETIC ANALYSIS OF KILLER WHALE (ORCINUS ORCA) HISTORICAL BONE AND TOOTH SAMPLES TO IDENTIFY WESTERN U.S. ECOTYPES. Marine Mammal Science, 2006, 22, 897-909.	1.8	35
30	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
31	Ancient DNA from marine mammals: Studying long-lived species over ecological and evolutionary timescales. Annals of Anatomy, 2012, 194, 112-120.	1.9	29
32	Characterization of 18 SNP markers for sperm whale (Physeter macrocephalus). Molecular Ecology Notes, 2007, 7, 626-630.	1.7	27
33	Inactivation of Cone-Specific Phototransduction Genes in Rod Monochromatic Cetaceans. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	27
34	Genetic structure of the beaked whale genus Berardius in the North Pacific, with genetic evidence for a new species. Marine Mammal Science, 2017, 33, 96-111.	1.8	26
35	Mitogenomic insights into a recently described and rarely observed killer whale morphotype. Polar Biology, 2013, 36, 1519-1523.	1.2	25
36	A review of molecular genetic markers and analytical approaches that have been used for delimiting marine mammal subspecies and species. Marine Mammal Science, 2017, 33, 56-75.	1.8	25

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37	Familial social structure and socially driven genetic differentiation in Hawaiian shortâ€finned pilot whales. Molecular Ecology, 2017, 26, 6730-6741.	3.9	24
38	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
39	Revision of fin whale Balaenoptera physalus (Linnaeus, 1758) subspecies using genetics. Journal of Mammalogy, 2019, 100, 1653-1670.	1.3	24
40	Redrawing the map: mt<scp>DNA</scp> provides new insight into the distribution and diversity of shortâ€finned pilot whales in the Pacific Ocean. Marine Mammal Science, 2016, 32, 1177-1199.	1.8	22
41	Oceanographic barriers, divergence, and admixture: Phylogeography and taxonomy of two putative subspecies of shortâ€finned pilot whale. Molecular Ecology, 2019, 28, 2886-2902.	3.9	22
42	Using Genome-Wide SNPs to Detect Structure in High-Diversity and Low-Divergence Populations of Severely Impacted Eastern Tropical Pacific Spinner (Stenella longirostris) and Pantropical Spotted Dolphins (S. attenuata). Frontiers in Marine Science, 2016, 3, .	2.5	20
43	Analytical approaches to subspecies delimitation with genetic data. Marine Mammal Science, 2017, 33, 27-55.	1.8	18
44	Speciation in the deep: genomics and morphology reveal a new species of beaked whaleMesoplodon eueu. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211213.	2.6	18
45	Title is missing!. Conservation Genetics, 2001, 2, 391-395.	1.5	14
46	Structure and phylogeography of two tropical predators, spinner (Stenella longirostris) and pantropical spotted (S. attenuata) dolphins, from SNP data. Royal Society Open Science, 2018, 5, 171615.	2.4	14
47	Mitochondrial genomics reveals the evolutionary history of the porpoises (Phocoenidae) across the speciation continuum. Scientific Reports, 2020, 10, 15190.	3.3	13
48	Characterization of 15 single nucleotide polymorphism markers for chimpanzees (Pan troglodytes). Molecular Ecology Notes, 2004, 4, 348-351.	1.7	10
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	Population structure in a continuously distributed coastal marine species, the harbor porpoise, based on microhaplotypes derived from poorâ€quality samples. Molecular Ecology, 2021, 30, 1457-1476.	3.9	10
52	Colonizing the Wild West: Low Diversity of Complete Mitochondrial Genomes in Western North Pacific Killer Whales Suggests a Founder Effect. Journal of Heredity, 2018, 109, 735-743.	2.4	9
53	Mitogenomic differentiation in spinner (Stenella longirostris) and pantropical spotted dolphins (S. attenuata) from the eastern tropical Pacific Ocean. Marine Mammal Science, 2019, 35, 522-551.	1.8	9
54	A thin soup: extraction and amplification of DNA from DMSO and ethanol used as preservative for cetacean tissue samples. Conservation Genetics Resources, 2013, 5, 929-933.	0.8	7

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55	Characterization of single nucleotide polymorphism markers for the green sea turtle (<i>Chelonia) Tj ETQq1 1 0.784314 rgBT /Overlo	4.8	6
56	Genomic signatures of divergent selection are associated with social behaviour for spinner dolphin ecotypes. Molecular Ecology, 2021, 30, 1993-2008.	3.9	6
57	Genetics, Management. , 2018, , 410-416.		5
58	Single nucleotide polymorphism markers for genotyping hawksbill turtles (Eretmochelys imbricata). Conservation Genetics Resources, 2020, 12, 353-356.	0.8	5
59	Preservation of DNA From Endangered Species. Science, 2000, 289, 725d-727.	12.6	3
60	Genetic resources: Opportunities and perspectives for the new century. Conservation Genetics, 2000, 1, 271-275.	1.5	2