

Phillip A Morin

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,118
citations

172457

29
h-index

133252

59
g-index

66
all docs

66
docs citations

66
times ranked

5409
citing authors

#	ARTICLE	IF	CITATIONS
1	The critically endangered vaquita is not doomed to extinction by inbreeding depression. <i>Science</i> , 2022, 376, 635-639.	12.6	49
2	Reference genome and demographic history of the most endangered marine mammal, the vaquita. <i>Molecular Ecology Resources</i> , 2021, 21, 1008-1020.	4.8	54
3	Population structure in a continuously distributed coastal marine species, the harbor porpoise, based on microhaplotypes derived from poor-quality samples. <i>Molecular Ecology</i> , 2021, 30, 1457-1476.	3.9	10
4	Genomic signatures of divergent selection are associated with social behaviour for spinner dolphin ecotypes. <i>Molecular Ecology</i> , 2021, 30, 1993-2008.	3.9	6
5	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. <i>Molecular Ecology</i> , 2021, 30, 6162-6177.	3.9	39
6	Speciation in the deep: genomics and morphology reveal a new species of beaked whale <i>Mesoplodon eueu</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211213.	2.6	18
7	Phylogenomic Resolution of the Cetacean Tree of Life Using Target Sequence Capture. <i>Systematic Biology</i> , 2020, 69, 479-501.	5.6	160
8	Single nucleotide polymorphism markers for genotyping hawksbill turtles (<i>Eretmochelys imbricata</i>). <i>Conservation Genetics Resources</i> , 2020, 12, 353-356.	0.8	5
9	Mitochondrial genomics reveals the evolutionary history of the porpoises (Phocoenidae) across the speciation continuum. <i>Scientific Reports</i> , 2020, 10, 15190.	3.3	13
10	Building genomic infrastructure: Sequencing platinum-quality genomes of all cetacean species. <i>Marine Mammal Science</i> , 2020, 36, 1356-1366.	1.8	10
11	Revision of fin whale <i>Balaenoptera physalus</i> (Linnaeus, 1758) subspecies using genetics. <i>Journal of Mammalogy</i> , 2019, 100, 1653-1670.	1.3	24
12	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019, 28, 3427-3444.	3.9	46
13	Oceanographic barriers, divergence, and admixture: Phylogeography and taxonomy of two putative subspecies of short-finned pilot whale. <i>Molecular Ecology</i> , 2019, 28, 2886-2902.	3.9	22
14	Host-derived population genomics data provides insights into bacterial and diatom composition of the killer whale skin. <i>Molecular Ecology</i> , 2019, 28, 484-502.	3.9	42
15	Mitogenomic differentiation in spinner (<i>Stenella longirostris</i>) and pantropical spotted dolphins (<i>S. attenuata</i>) from the eastern tropical Pacific Ocean. <i>Marine Mammal Science</i> , 2019, 35, 522-551.	1.8	9
16	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. <i>Molecular Ecology</i> , 2018, 27, 2604-2619.	3.9	24
17	Genetics, Management. , 2018, , 410-416.		5
18	SNP Discovery from Single and Multiplex Genome Assemblies of Non-model Organisms. <i>Methods in Molecular Biology</i> , 2018, 1712, 113-144.	0.9	10

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19	Structure and phylogeography of two tropical predators, spinner (<i>Stenella longirostris</i>) and pantropical spotted (<i>S. attenuata</i>) dolphins, from SNP data. Royal Society Open Science, 2018, 5, 171615.	2.4	14
20	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
21	Familial social structure and socially driven genetic differentiation in Hawaiian short-finned pilot whales. Molecular Ecology, 2017, 26, 6730-6741.	3.9	24
22	Analytical approaches to subspecies delimitation with genetic data. Marine Mammal Science, 2017, 33, 27-55.	1.8	18
23	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
24	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
25	Genetic structure of the beaked whale genus <i>Berardius</i> in the North Pacific, with genetic evidence for a new species. Marine Mammal Science, 2017, 33, 96-111.	1.8	26
26	Inactivation of Cone-Specific Phototransduction Genes in Rod Monochromatic Cetaceans. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	27
27	Using Genome-Wide SNPs to Detect Structure in High-Diversity and Low-Divergence Populations of Severely Impacted Eastern Tropical Pacific Spinner (<i>Stenella longirostris</i>) and Pantropical Spotted Dolphins (<i>S. attenuata</i>). Frontiers in Marine Science, 2016, 3, .	2.5	20
28	Redrawing the map: mtDNA provides new insight into the distribution and diversity of short-finned pilot whales in the Pacific Ocean. Marine Mammal Science, 2016, 32, 1177-1199.	1.8	22
29	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. Nature Communications, 2016, 7, 11693.	12.8	222
30	Inactivation of C4orf26 in toothless placental mammals. Molecular Phylogenetics and Evolution, 2016, 95, 34-45.	2.7	45
31	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
32	Geographic and temporal dynamics of a global radiation and diversification in the killer whale. Molecular Ecology, 2015, 24, 3964-3979.	3.9	74
33	Minke whale genome and aquatic adaptation in cetaceans. Nature Genetics, 2014, 46, 88-92.	21.4	227
34	Targeted multiplex next-generation sequencing: advances in techniques of mitochondrial and nuclear DNA sequencing for population genomics. Molecular Ecology Resources, 2013, 13, 254-268.	4.8	81
35	Mitogenomic insights into a recently described and rarely observed killer whale morphotype. Polar Biology, 2013, 36, 1519-1523.	1.2	25
36	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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37	Mitogenomic Phylogenetics of Fin Whales (<i>Balaenoptera physalus</i> spp.): Genetic Evidence for Revision of Subspecies. <i>PLoS ONE</i> , 2013, 8, e63396.	2.5	58
38	Marine turtle mitogenome phylogenetics and evolution. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 241-250.	2.7	83
39	Ancient DNA from marine mammals: Studying long-lived species over ecological and evolutionary timescales. <i>Annals of Anatomy</i> , 2012, 194, 112-120.	1.9	29
40	Sperm whale population structure in the eastern and central North Pacific inferred by the use of single nucleotide polymorphisms, microsatellites and mitochondrial DNA. <i>Molecular Ecology Resources</i> , 2011, 11, 278-298.	4.8	63
41	Out of the Pacific and Back Again: Insights into the Matrilineal History of Pacific Killer Whale Ecotypes. <i>PLoS ONE</i> , 2011, 6, e24980.	2.5	33
42	Mitogenomic phylogenetic analyses of the Delphinidae with an emphasis on the Globicephalinae. <i>BMC Evolutionary Biology</i> , 2011, 11, 65.	3.2	76
43	Positive selection on the killer whale mitogenome. <i>Biology Letters</i> , 2011, 7, 116-118.	2.3	97
44	Mitogenome Phylogenetics: The Impact of Using Single Regions and Partitioning Schemes on Topology, Substitution Rate and Divergence Time Estimation. <i>PLoS ONE</i> , 2011, 6, e27138.	2.5	128
45	Applied Conservation Genetics and the Need for Quality Control and Reporting of Genetic Data Used in Fisheries and Wildlife Management. <i>Journal of Heredity</i> , 2010, 101, 1-10.	2.4	73
46	Complete mitochondrial genome phylogeographic analysis of killer whales (<i>Orcinus orca</i>) indicates multiple species. <i>Genome Research</i> , 2010, 20, 908-916.	5.5	330
47	Assessing statistical power of SNPs for population structure and conservation studies. <i>Molecular Ecology Resources</i> , 2009, 9, 66-73.	4.8	198
48	Significant deviations from Hardy-Weinberg equilibrium caused by low levels of microsatellite genotyping errors. <i>Molecular Ecology Resources</i> , 2009, 9, 498-504.	4.8	58
49	Characterization of single nucleotide polymorphism markers for the green sea turtle (<i>Chelonia</i>) Tj ETQq1 1 0.784314 rgBT ₆ /Overlo	4.8	6
50	Normalization and binning of historical and multi-source microsatellite data: overcoming the problems of allele size shift with $\langle scp \rangle$ allelogram $\langle /scp \rangle$. <i>Molecular Ecology Resources</i> , 2009, 9, 1451-1455.	4.8	41
51	Characterization of 18 SNP markers for sperm whale (<i>Physeter macrocephalus</i>). <i>Molecular Ecology Notes</i> , 2007, 7, 626-630.	1.7	27
52	Highly accurate SNP genotyping from historical and low-quality samples. <i>Molecular Ecology Notes</i> , 2007, 7, 937-946.	1.7	82
53	GENETIC ANALYSIS OF KILLER WHALE (<i>ORCINUS ORCA</i>) HISTORICAL BONE AND TOOTH SAMPLES TO IDENTIFY WESTERN U.S. ECOTYPES. <i>Marine Mammal Science</i> , 2006, 22, 897-909.	1.8	35
54	Interfamilial characterization of a region of the ZFX and ZFY genes facilitates sex determination in cetaceans and other mammals. <i>Molecular Ecology</i> , 2005, 14, 3275-3286.	3.9	84

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55	Single nucleotide polymorphism (SNP) discovery in mammals: a targeted-gene approach. <i>Molecular Ecology</i> , 2004, 13, 1423-1431.	3.9	121
56	Characterization of 15 single nucleotide polymorphism markers for chimpanzees (<i>Pan troglodytes</i>). <i>Molecular Ecology Notes</i> , 2004, 4, 348-351.	1.7	10
57	SNPs in ecology, evolution and conservation. <i>Trends in Ecology and Evolution</i> , 2004, 19, 208-216.	8.7	805
58	Title is missing!. <i>Conservation Genetics</i> , 2001, 2, 391-395.	1.5	14
59	Genetic resources: Opportunities and perspectives for the new century. <i>Conservation Genetics</i> , 2000, 1, 271-275.	1.5	2
60	Preservation of DNA From Endangered Species. <i>Science</i> , 2000, 289, 725d-727.	12.6	3