Tom Hart

List of Publications by Year
in descending order

35 papers	837 citations	535685 17 h-index	620720 26 g-index
41 all docs	41 docs citations	41 times ranked	1523 citing authors

#	Article	IF	Citations
1	Adaptation and Cryptic Pseudogenization in Penguin Toll-Like Receptors. Molecular Biology and Evolution, 2022, 39, .	3.5	10
2	Strengthening the evidence base for temperature-mediated phenological asynchrony and its impacts. Nature Ecology and Evolution, 2021, 5, 155-164.	3.4	53
3	Volcanic activity and gas emissions along the South Sandwich Arc. Bulletin of Volcanology, 2021, 83, 1.	1.1	14
4	Largeâ€scale assessment of intraâ€and interâ€annual breeding success using a remote camera network. Remote Sensing in Ecology and Conservation, 2021, 7, 97-108.	2.2	6
5	Training future generations to deliver evidenceâ€based conservation and ecosystem management. Ecological Solutions and Evidence, 2021, 2, e12032.	0.8	23
6	Developing UAV Monitoring of South Georgia and the South Sandwich Islandsâ€™ Iconic Land-Based Marine Predators. Frontiers in Marine Science, 2021, 8, .	1.2	15
7	One of the least disturbed marine coastal ecosystems on Earth: Spatial and temporal persistence of Darwinâ€™s subâ€Antarctic giant kelp forests. Journal of Biogeography, 2021, 48, 2562-2577.	1.4	32
8	Imprinting on time-structured acoustic stimuli in ducklings. Biology Letters, 2021, 17, 20210381.	1.0	3
9	Update on the global abundance and distribution of breeding Gentoo Penguins (Pygoscelis papua). Polar Biology, 2020, 43, 1947-1956.	0.5	25
10	Identification and Distribution of Novel Cressdnaviruses and Circular Molecules in Four Penguin Species in South Georgia and the Antarctic Peninsula. Viruses, 2020, 12, 1029.	1.5	10
11	A global population assessment of the Chinstrap penguin (Pygoscelis antarctica). Scientific Reports, 2020, 10, 19474.	1.6	41
12	Identification of Circovirus Genome in a Chinstrap Penguin (Pygoscelis antarcticus) and AdÃ©lie Penguin (Pygoscelis adeliae) on the Antarctic Peninsula. Viruses, 2020, 12, 858.	1.5	11
13	Evidence of Pathogen-Induced Immunogenetic Selection across the Large Geographic Range of a Wild Seabird. Molecular Biology and Evolution, 2020, 37, 1708-1726.	3.5	19
14	Processing citizen science- and machine-annotated time-lapse imagery for biologically meaningful metrics. Scientific Data, 2020, 7, 102.	2.4	9
15	High-coverage genomes to elucidate the evolution of penguins. GigaScience, 2019, 8, .	3.3	18
16	Mitogenomes Uncover Extinct Penguin Taxa and Reveal Island Formation as a Key Driver of Speciation. Molecular Biology and Evolution, 2019, 36, 784-797.	3.5	36
17	Receding ice drove parallel expansions in Southern Ocean penguins. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26690-26696.	3.3	35
18	Divergent trophic responses of sympatric penguin species to historic anthropogenic exploitation and recent climate change. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25721-25727.	3.3	35

#	Article	IF	Citations
19	Comparative population genomics reveals key barriers to dispersal in Southern Ocean penguins. Molecular Ecology, 2018, 27, 4680-4697.	2.0	40
20	Estimating nestâ€level phenology and reproductive success of colonial seabirds using timeâ€lapse cameras. Methods in Ecology and Evolution, 2018, 9, 1853-1863.	2.2	27
21	Time-lapse imagery of AdÃ©lie penguins reveals differential winter strategies and breeding site occupation. PLoS ONE, 2018, 13, e0193532.	1.1	7
22	Time-lapse imagery and volunteer classifications from the Zooniverse Penguin Watch project. Scientific Data, 2018, 5, 180124.	2.4	33
23	Peeking into the bleak midwinter: Investigating nonbreeding strategies of Gentoo Penguins using a camera network. Auk, 2017, 134, 520-529.	0.7	12
24	Seasonal consistency and individual variation in foraging strategies differ among and within Pygoscelis penguin species in the Antarctic Peninsula region. Marine Biology, 2017, 164, 1.	0.7	29
25	The challenges of detecting subtle population structure and its importance for the conservation of emperor penguins. Molecular Ecology, 2017, 26, 3883-3897.	2.0	41
26	Stable isotope analyses of feather amino acids identify penguin migration strategies at ocean basin scales. Biology Letters, 2017, 13, 20170241.	1.0	9
27	Improved homeothermy and hypothermia in African lions during gestation. Biology Letters, 2016, 12, 20160645.	1.0	15
28	Population structure and phylogeography of the Gentoo Penguin (Pygoscelis papua) across the Scotia Arc. Ecology and Evolution, 2016, 6, 1834-1853.	0.8	42
29	Dispersal in the sub-Antarctic: king penguins show remarkably little population genetic differentiation across their range. BMC Evolutionary Biology, 2016, 16, 211.	3.2	30
30	Why Huddle? Ecological Drivers of Chick Aggregations in Gentoo Penguins, Pygoscelis papua, across Latitudes. PLoS ONE, 2016, 11, e0145676.	1.1	10
31	Limited genetic differentiation among chinstrap penguin (Pygoscelis antarctica) colonies in the Scotia Arc and Western Antarctic Peninsula. Polar Biology, 2015, 38, 1493-1502.	0.5	18
32	Too much of a good thing: sea ice extent may have forced emperor penguins into refugia during the last glacial maximum. Global Change Biology, 2015, 21, 2215-2226.	4.2	32
33	A reversal of fortunes: climate change â€˜winnersâ€™ and â€˜losersâ€™ in Antarctic Peninsula penguins. Scientific Reports, 2014, 4, 5024.	1.6	82
34	Isolation and characterization of macaroni penguin (Eudyptes chrysolophus) microsatellite loci and their utility in other penguin species (Spheniscidae, AVES). Molecular Ecology Resources, 2009, 9, 1530-1535.	2.2	9
35	The South Sandwich Islands â€“ a community of meta-populations across all trophic levels. Biodiversity, 0, , 1-14.	0.5	4