John W Durban

List of Publications by Year
in descending order

46	3,292	201674 27	233421 45
papers	citations	h-index	g-index

46	46	46	3809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scaling of maneuvering performance in baleen whales: larger whales outperform expectations. Journal of Experimental Biology, 2022, 225, .	1.7	10
2	Environmental factors influencing eastern North Pacific gray whale calf production 1994â€“2016. Marine Mammal Science, 2021, 37, 448-462.	1.8	17
3	REVIEW Assessing North Atlantic right whale health: threats, and development of tools critical for conservation of the species. Diseases of Aquatic Organisms, 2021, 143, 205-226.	1.0	44
4	Survival of the fattest: linking body condition to prey availability and survivorship of killer whales. Ecosphere, 2021, 12, e03660.	2.2	21
5	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. Molecular Ecology, 2021, 30, 6162-6177.	3.9	39
6	Behavioral responses of satellite tracked Blainville's beaked whales (Mesoplodon densirostris) to midâ€frequency active sonar. Marine Mammal Science, 2020, 36, 29-46.	1.8	11
7	Evaluating the power of photogrammetry for monitoring killer whale body condition. Marine Mammal Science, 2020, 36, 359-364.	1.8	12
8	Skin in the game: Epidermal molt as a driver of longâ€distance migration in whales. Marine Mammal Science, 2020, 36, 565-594.	1.8	47
9	Foraging patterns of Antarctic minke whales in McMurdo Sound, Ross Sea. Antarctic Science, 2020, 32, 454-465.	0.9	4
10	Cold call: the acoustic repertoire of Ross Sea killer whales (Orcinus orca,Type C) in McMurdo Sound, Antarctica. Royal Society Open Science, 2020, 7, 191228.	2.4	19
11	Abundance of Type A killer whales (Orcinus orca) in the coastal waters off the western Antarctic Peninsula. Polar Biology, 2019, 42, 1477-1488.	1.2	9
12	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. Molecular Ecology, 2019, 28, 3427-3444.	3.9	46
13	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
14	Movements and dive behaviour of a toothfish-depredating killer and sperm whale. ICES Journal of Marine Science, 2019, 76, 298-311.	2.5	36
15	Process convolution approaches for modeling interacting trajectories. Environmetrics, 2018, 29, e2487.	1.4	16
16	Abundance and population status of Ross Sea killer whales (Orcinus orca, type C) in McMurdo Sound, Antarctica: evidence for impact by commercial fishing?. Polar Biology, 2018, 41, 781-792.	1.2	24
17	Humpback whales interfering when mammalâ€eating killer whales attack other species: Mobbing behavior and interspecific altruism?. Marine Mammal Science, 2017, 33, 7-58.	1.8	62
18	Physiological, morphological, and ecological tradeoffs influence vertical habitat use of deep-diving toothed-whales in the Bahamas. PLoS ONE, 2017, 12, e0185113.	2.5	27

#	Article	IF	Citations
19	Photogrammetry of blue whales with an unmanned hexacopter. Marine Mammal Science, 2016, 32, 1510-1515.	1.8	106
20	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. Nature Communications, 2016, 7, 11693.	12.8	222
21	Use of timeâ€atâ€temperature data to describe dive behavior in five species of sympatric deepâ€diving toothed whales. Marine Mammal Science, 2016, 32, 1044-1071.	1.8	7
22	Geographic and temporal dynamics of a global radiation and diversification in the killer whale. Molecular Ecology, 2015, 24, 3964-3979.	3.9	74
23	Whale killers: Prevalence and ecological implications of killer whale predation on humpback whale calves off Western Australia. Marine Mammal Science, 2015, 31, 629-657.	1.8	78
24	Recommendations for photoâ€identification methods used in captureâ€recapture models with cetaceans. Marine Mammal Science, 2015, 31, 298-321.	1.8	150
25	Long-term trends in the use of a protected area by small cetaceans in relation to changes in population status. Global Ecology and Conservation, 2014, 2, 118-128.	2.1	37
26	Integrating multiple data sources to assess the distribution and abundance of bottlenose dolphins <scp>T</scp>ursiops truncatus in Scottish waters. Mammal Review, 2013, 43, 71-88.	4.8	73
27	New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska. Marine Mammal Science, 2013, 29, 325-337.	1.8	18
28	Geographic Patterns of Genetic Differentiation among Killer Whales in the Northern North Pacific. Journal of Heredity, 2013, 104, 737-754.	2.4	52
29	Mitogenomic insights into a recently described and rarely observed killer whale morphotype. Polar Biology, 2013, 36, 1519-1523.	1.2	25
30	Cooperative hunting behavior, prey selectivity and prey handling by pack ice killer whales (Orcinus) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	136
31	Beaked Whales Respond to Simulated and Actual Navy Sonar. PLoS ONE, 2011, 6, e17009.	2.5	257
32	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
33	Observations of a distinctive morphotype of killer whale (Orcinus orca), type D, from subantarctic waters. Polar Biology, 2011, 34, 303-306.	1.2	67
34	Cross-cultural and cross-ecotype production of a killer whale â€˜excitementâ€™ call suggests universality. Die Naturwissenschaften, 2011, 98, 1-6.	1.6	22
35	Positive selection on the killer whale mitogenome. Biology Letters, 2011, 7, 116-118.	2.3	97
36	Killer whale predation on penguins in Antarctica. Polar Biology, 2010, 33, 1589-1594.	1.2	60

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37	Complete mitochondrial genome phylogeographic analysis of killer whales (Orcinus orca) indicates multiple species. Genome Research, 2010, 20, 908-916.	5.5	330
38	A Bayesian Captureâ€“Recapture Population Model With Simultaneous Estimation of Heterogeneity. Journal of the American Statistical Association, 2008, 103, 948-960.	3.1	24
39	CONTINUOUSâ€TIME CORRELATED RANDOM WALK MODEL FOR ANIMAL TELEMETRY DATA. Ecology, 2008, 89, 1208-1215.	3.2	507
40	Use of chemical tracers in assessing the diet and foraging regions of eastern North Pacific killer whales. Marine Environmental Research, 2007, 63, 91-114.	2.5	115
41	Acoustic detection and satellite-tracking leads to discovery of rare concentration of endangered North Pacific right whales. Biology Letters, 2006, 2, 417-419.	2.3	53
42	POPULATION GENETIC STRUCTURE OF COASTAL BOTTLENOSE DOLPHINS (TURSIOPS TRUNCATUS) IN THE NORTHERN BAHAMAS. Marine Mammal Science, 2006, 22, 276-298.	1.8	69
43	Kinship as a basis for alliance formation between male bottlenose dolphins, Tursiops truncatus, in the Bahamas. Animal Behaviour, 2003, 66, 185-194.	1.9	117
44	Male-male aggression renders bottlenose dolphin (<I>Tursiops truncatus</I>) unconscious. Aquatic Mammals, 2003, 29, 360-362.	0.7	25
45	Amplifying dolphin mitochondrial DNA from faecal plumes. Molecular Ecology, 1999, 8, 1766-1768.	3.9	49
46	A decade of photoâ€identification reveals contrasting abundance and trends of Type B killer whales in the coastal waters of the Antarctic Peninsula. Marine Mammal Science, 0, , .	1.8	3