

John W Durban

List of Publications by Year in descending order

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46
papers

3,292
citations

201674

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docs citations

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times ranked

3809
citing authors

#	ARTICLE	IF	CITATIONS
1	CONTINUOUS-TIME CORRELATED RANDOM WALK MODEL FOR ANIMAL TELEMETRY DATA. <i>Ecology</i> , 2008, 89, 1208-1215.	3.2	507
2	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
3	Beaked Whales Respond to Simulated and Actual Navy Sonar. <i>PLoS ONE</i> , 2011, 6, e17009.	2.5	257
4	Genome-culture coevolution promotes rapid divergence of killer whale ecotypes. <i>Nature Communications</i> , 2016, 7, 11693.	12.8	222
5	Recommendations for photo-identification methods used in capture-recapture models with cetaceans. <i>Marine Mammal Science</i> , 2015, 31, 298-321.	1.8	150
6	Cooperative hunting behavior, prey selectivity and prey handling by pack ice killer whales (<i>Orcinus orca</i>) in the North Pacific. <i>Marine Mammal Science</i> , 2010, 26, 107-116.	1.8	136
7	Kinship as a basis for alliance formation between male bottlenose dolphins, <i>Tursiops truncatus</i> , in the Bahamas. <i>Animal Behaviour</i> , 2003, 66, 185-194.	1.9	117
8	Use of chemical tracers in assessing the diet and foraging regions of eastern North Pacific killer whales. <i>Marine Environmental Research</i> , 2007, 63, 91-114.	2.5	115
9	Photogrammetry of blue whales with an unmanned hexacopter. <i>Marine Mammal Science</i> , 2016, 32, 1510-1515.	1.8	106
10	Positive selection on the killer whale mitogenome. <i>Biology Letters</i> , 2011, 7, 116-118.	2.3	97
11	Whale killers: Prevalence and ecological implications of killer whale predation on humpback whale calves off Western Australia. <i>Marine Mammal Science</i> , 2015, 31, 629-657.	1.8	78
12	Geographic and temporal dynamics of a global radiation and diversification in the killer whale. <i>Molecular Ecology</i> , 2015, 24, 3964-3979.	3.9	74
13	Integrating multiple data sources to assess the distribution and abundance of bottlenose dolphins (<i>Tursiops truncatus</i>) in Scottish waters. <i>Mammal Review</i> , 2013, 43, 71-88.	4.8	73
14	POPULATION GENETIC STRUCTURE OF COASTAL BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) IN THE NORTHERN BAHAMAS. <i>Marine Mammal Science</i> , 2006, 22, 276-298.	1.8	69
15	Observations of a distinctive morphotype of killer whale (<i>Orcinus orca</i>), type D, from subantarctic waters. <i>Polar Biology</i> , 2011, 34, 303-306.	1.2	67
16	Humpback whales interfering when mammal-eating killer whales attack other species: Mobbing behavior and interspecific altruism?. <i>Marine Mammal Science</i> , 2017, 33, 7-58.	1.8	62
17	Killer whale predation on penguins in Antarctica. <i>Polar Biology</i> , 2010, 33, 1589-1594.	1.2	60
18	Acoustic detection and satellite-tracking leads to discovery of rare concentration of endangered North Pacific right whales. <i>Biology Letters</i> , 2006, 2, 417-419.	2.3	53

#	ARTICLE	IF	CITATIONS
19	Geographic Patterns of Genetic Differentiation among Killer Whales in the Northern North Pacific. <i>Journal of Heredity</i> , 2013, 104, 737-754.	2.4	52
20	Amplifying dolphin mitochondrial DNA from faecal plumes. <i>Molecular Ecology</i> , 1999, 8, 1766-1768.	3.9	49
21	Skin in the game: Epidermal molt as a driver of long-distance migration in whales. <i>Marine Mammal Science</i> , 2020, 36, 565-594.	1.8	47
22	Killer whale genomes reveal a complex history of recurrent admixture and vicariance. <i>Molecular Ecology</i> , 2019, 28, 3427-3444.	3.9	46
23	REVIEW Assessing North Atlantic right whale health: threats, and development of tools critical for conservation of the species. <i>Diseases of Aquatic Organisms</i> , 2021, 143, 205-226.	1.0	44
24	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
25	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
26	Long-term trends in the use of a protected area by small cetaceans in relation to changes in population status. <i>Global Ecology and Conservation</i> , 2014, 2, 118-128.	2.1	37
27	Movements and dive behaviour of a toothfish-depredating killer and sperm whale. <i>ICES Journal of Marine Science</i> , 2019, 76, 298-311.	2.5	36
28	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
29	Physiological, morphological, and ecological tradeoffs influence vertical habitat use of deep-diving toothed-whales in the Bahamas. <i>PLoS ONE</i> , 2017, 12, e0185113.	2.5	27
30	Mitogenomic insights into a recently described and rarely observed killer whale morphotype. <i>Polar Biology</i> , 2013, 36, 1519-1523.	1.2	25
31	Male-male aggression renders bottlenose dolphin (<i>Tursiops truncatus</i>) unconscious. <i>Aquatic Mammals</i> , 2003, 29, 360-362.	0.7	25
32	A Bayesian Capture-Recapture Population Model With Simultaneous Estimation of Heterogeneity. <i>Journal of the American Statistical Association</i> , 2008, 103, 948-960.	3.1	24
33	Abundance and population status of Ross Sea killer whales (<i>Orcinus orca</i> , type C) in McMurdo Sound, Antarctica: evidence for impact by commercial fishing?. <i>Polar Biology</i> , 2018, 41, 781-792.	1.2	24
34	Cross-cultural and cross-ecotype production of a killer whale "excitement" call suggests universality. <i>Die Naturwissenschaften</i> , 2011, 98, 1-6.	1.6	22
35	Survival of the fattest: linking body condition to prey availability and survivorship of killer whales. <i>Ecosphere</i> , 2021, 12, e03660.	2.2	21
36	Cold call: the acoustic repertoire of Ross Sea killer whales (<i>Orcinus orca</i> , Type C) in McMurdo Sound, Antarctica. <i>Royal Society Open Science</i> , 2020, 7, 191228.	2.4	19

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37	New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska. <i>Marine Mammal Science</i> , 2013, 29, 325-337.	1.8	18
38	Environmental factors influencing eastern North Pacific gray whale calf production 1994–2016. <i>Marine Mammal Science</i> , 2021, 37, 448-462.	1.8	17
39	Process convolution approaches for modeling interacting trajectories. <i>Environmetrics</i> , 2018, 29, e2487.	1.4	16
40	Evaluating the power of photogrammetry for monitoring killer whale body condition. <i>Marine Mammal Science</i> , 2020, 36, 359-364.	1.8	12
41	Behavioral responses of satellite tracked Blainville's beaked whales (<i>Mesoplodon densirostris</i>) to mid-frequency active sonar. <i>Marine Mammal Science</i> , 2020, 36, 29-46.	1.8	11
42	Scaling of maneuvering performance in baleen whales: larger whales outperform expectations. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	10
43	Abundance of Type A killer whales (<i>Orcinus orca</i>) in the coastal waters off the western Antarctic Peninsula. <i>Polar Biology</i> , 2019, 42, 1477-1488.	1.2	9
44	Use of time- and temperature data to describe dive behavior in five species of sympatric deep-diving toothed whales. <i>Marine Mammal Science</i> , 2016, 32, 1044-1071.	1.8	7
45	Foraging patterns of Antarctic minke whales in McMurdo Sound, Ross Sea. <i>Antarctic Science</i> , 2020, 32, 454-465.	0.9	4
46	A decade of photo-identification reveals contrasting abundance and trends of Type B killer whales in the coastal waters of the Antarctic Peninsula. <i>Marine Mammal Science</i> , 0, , .	1.8	3