Helen Bailey

List of Publications by Year
in descending order

62 papers	5,022 citations	109321 35 h-index	118850 62 g-index
63 all docs	63 docs citations	63 times ranked	5205 citing authors

#	Article	IF	Citations
1	Using fisheries observation data to develop a predictive species distribution model for endangered sea turtles. Conservation Science and Practice, 2021, 3, e349.	2.0	6
2	Spatial and temporal variation in the occurrence of bottlenose dolphins in the Chesapeake Bay, USA, using citizen science sighting data. PLoS ONE, 2021, 16, e0251637.	2.5	9
3	Diurnal vertical movements in black sea bass (*Centropristis striata*): Endogenous, facultative, or something else?. Ecosphere, 2021, 12, e03616.	2.2	4
4	Identifying and predicting occurrence and abundance of a vocal animal species based on individually specific calls. Ecosphere, 2021, 12, e03685.	2.2	8
5	Nearshore neonate dispersal of Atlantic leatherback turtles (Dermochelys coriacea) from a non-recovering subpopulation. Scientific Reports, 2020, 10, 18748.	3.3	7
6	Environmental and Biological Factors Influencing Dispersal of Neonate Leatherback Turtles (Dermochelys coriacea) From an Endangered Costa Rican Nesting Population. Frontiers in Marine Science, 2020, 7, .	2.5	5
7	Effects of intense storm events on dolphin occurrence and foraging behavior. Scientific Reports, 2020, 10, 19247.	3.3	8
8	The Effect of Swim Bladder Presence and Morphology on Sound Frequency Detection for Fishes. Reviews in Fisheries Science and Aquaculture, 2020, 28, 459-477.	9.1	5
9	Ecological correlates of blue whale movement behavior and its predictability in the California Current Ecosystem during the summer-fall feeding season. Movement Ecology, 2019, 7, 26.	2.8	23
10	The importance of migratory connectivity for global ocean policy. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191472.	2.6	80
11	Empirical evidence that large marine predator foraging behavior is consistent with area-restricted search theory. Ecology, 2019, 100, e02743.	3.2	16
12	Translating Marine Animal Tracking Data into Conservation Policy and Management. Trends in Ecology and Evolution, 2019, 34, 459-473.	8.7	256
13	Predicting residence time using a continuous-time discrete-space model of leatherback turtle satellite telemetry data. Ecosphere, 2019, 10, e02644.	2.2	15
14	Environmental indicators to reduce loggerhead turtle bycatch offshore of Southern California. Ecological Indicators, 2019, 98, 657-664.	6.3	18
15	Dolphins simplify their vocal calls in response to increased ambient noise. Biology Letters, 2018, 14, 20180484.	2.3	60
16	A dynamic ocean management tool to reduce bycatch and support sustainable fisheries. Science Advances, 2018, 4, eaar3001.	10.3	280
17	Validating automated click detector dolphin detection rates and investigating factors affecting performance. Journal of the Acoustical Society of America, 2018, 144, 931-939.	1.1	9
18	Seasonal movements of immature Kemp's ridley sea turtles (*Lepidochelys kempii*) in the northern gulf of Mexico. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 253-267.	2.0	31

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19	WhaleWatch: a dynamic management tool for predicting blue whale density in the California Current. Journal of Applied Ecology, 2017, 54, 1415-1428.	4.0	133
20	Temporal resolutions in species distribution models of highly mobile marine animals: Recommendations for ecologists and managers. Diversity and Distributions, 2017, 23, 1098-1109.	4.1	90
21	Comparing Acoustic Tag Attachments Designed for Mobile Tracking of Hatchling Sea Turtles. Frontiers in Marine Science, 2017, 4, .	2.5	7
22	Year-round spatiotemporal distribution of harbour porpoises within and around the Maryland wind energy area. PLoS ONE, 2017, 12, e0176653.	2.5	20
23	Coastal evacuations by fish during extreme weather events. Scientific Reports, 2016, 6, 30280.	3.3	40
24	Key Questions in Marine Megafauna Movement Ecology. Trends in Ecology and Evolution, 2016, 31, 463-475.	8.7	397
25	Changepoint analysis: a new approach for revealing animal movements and behaviors from satellite telemetry data. Ecosphere, 2015, 6, 1-13.	2.2	21
26	Enhancing the TurtleWatch product for leatherback sea turtles, a dynamic habitat model for ecosystem‐based management. Fisheries Oceanography, 2015, 24, 57-68.	1.7	85
27	Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. Marine Policy, 2015, 58, 42-50.	3.2	346
28	Dynamic Ocean Management: Identifying the Critical Ingredients of Dynamic Approaches to Ocean Resource Management. BioScience, 2015, 65, 486-498.	4.9	200
29	Spatial and Temporal Occurrence of Blue Whales off the U.S. West Coast, with Implications for Management. PLoS ONE, 2014, 9, e102959.	2.5	78
30	Assessing environmental impacts of offshore wind farms: lessons learned and recommendations for the future. Aquatic Biosystems, 2014, 10, 8.	1.8	186
31	Predicting bycatch hotspots for endangered leatherback turtles on longlines in the Pacific Ocean. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132559.	2.6	52
32	Modelling harbour seal habitat by combining data from multiple tracking systems. Journal of Experimental Marine Biology and Ecology, 2014, 450, 30-39.	1.5	24
33	Framework for assessing impacts of pile-driving noise from offshore wind farm construction on a harbour seal population. Environmental Impact Assessment Review, 2013, 43, 73-85.	9.2	54
34	Cumulative human impacts on marine predators. Nature Communications, 2013, 4, 2688.	12.8	212
35	Analyzing temporally correlated dolphin sightings data using generalized estimating equations. Marine Mammal Science, 2013, 29, 123-141.	1.8	31
36	Predictions from harbor porpoise habitat association models are confirmed by long-term passive acoustic monitoring. Journal of the Acoustical Society of America, 2013, 134, 2523-2533.	1.1	36

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37	Pelagic movements of pacific leatherback turtles (dermochelys coriacea) highlight the role of prey and ocean currents. Movement Ecology, 2013, 1, .	2.8	11
38	On the dispersal of leatherback turtle hatchlings from Mesoamerican nesting beaches. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2391-2395.	2.6	46
39	LEATHERBACK TURTLE MOVEMENT PATTERNS. Bulletin of the Ecological Society of America, 2012, 93, 165-169.	0.2	3
40	Finding Balance in Fisheries Management. Science, 2012, 336, 413-413.	12.6	11
41	Identification of distinct movement patterns in Pacific leatherback turtle populations influenced by ocean conditions. Ecological Applications, 2012, 22, 735-747.	3.8	59
42	Movement Patterns for a Critically Endangered Species, the Leatherback Turtle (Dermochelys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	2.5	58
43	Post-nesting movements and feeding grounds of a resident East Pacific green turtle Chelonia mydas population from Costa Rica. Endangered Species Research, 2012, 18, 233-245.	2.4	24
44	Tagging through the stages: technical and ecological challenges in observing life histories through biologging. Marine Ecology - Progress Series, 2012, 457, 165-170.	1.9	37
45	Ontogeny in marine tagging and tracking science: technologies and data gaps. Marine Ecology - Progress Series, 2012, 457, 221-240.	1.9	158
46	Vertical and horizontal habitat preferences of post-nesting leatherback turtles in the South Pacific Ocean. Marine Ecology - Progress Series, 2011, 422, 275-289.	1.9	52
47	Projecting uncertainty onto marine megafauna trajectories. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 915-921.	1.4	8
48	Large-scale movements and high-use areas of western Pacific leatherback turtles, <i>Dermochelys coriacea</i>. Ecosphere, 2011, 2, art84.	2.2	111
49	Oceanographic influences on the dive behavior of juvenile loggerhead turtles (Caretta caretta) in the North Pacific Ocean. Marine Biology, 2010, 157, 1011-1026.	1.5	57
50	Assessing underwater noise levels during pile-driving at an offshore windfarm and its potential effects on marine mammals. Marine Pollution Bulletin, 2010, 60, 888-897.	5.0	235
51	Assessing the responses of coastal cetaceans to the construction of offshore wind turbines. Marine Pollution Bulletin, 2010, 60, 1200-1208.	5.0	68
52	Using Tâ€PODs to assess variations in the occurrence of coastal bottlenose dolphins and harbour porpoises. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 150-158.	2.0	50
53	Identification of high-use internesting habitats for eastern Pacific leatherback turtles: role of the environment and implications for conservation. Endangered Species Research, 2010, 10, 215-232.	2.4	53
54	Effect of oceanographic features on fine-scale foraging movements of bottlenose dolphins. Marine Ecology - Progress Series, 2010, 418, 223-233.	1.9	49

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55	Behavioural estimation of blue whale movements in the Northeast Pacific from state-space model analysis of satellite tracks. Endangered Species Research, 2009, 10, 93-106.	2.4	197
56	Using marine mammal habitat modelling to identify priority conservation zones within a marine protected area. Marine Ecology - Progress Series, 2009, 378, 279-287.	1.9	99
57	Identifying and comparing phases of movement by leatherback turtles using state-space models. Journal of Experimental Marine Biology and Ecology, 2008, 356, 128-135.	1.5	99
58	Oxygen declines and the shoaling of the hypoxic boundary in the California Current. Geophysical Research Letters, 2008, 35, .	4.0	326
59	Persistent Leatherback Turtle Migrations Present Opportunities for Conservation. PLoS Biology, 2008, 6, e171.	5.6	221
60	Quantitative analysis of bottlenose dolphin movement patterns and their relationship with foraging. Journal of Animal Ecology, 2006, 75, 456-465.	2.8	107
61	INCREASING THE PRECISION OF THEODOLITE TRACKING: MODIFIED TECHNIQUE TO CALCULATE THE ALTITUDE OF LAND-BASED OBSERVATION SITES. Marine Mammal Science, 2004, 20, 880-885.	1.8	9
62	Lessons Learned from WhaleWatch. , 0, , 229-273.		3