

Helen Bailey

List of Publications by Year in descending order

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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	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 463-475.	8.7	397
2	Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. <i>Marine Policy</i> , 2015, 58, 42-50.	3.2	346
3	Oxygen declines and the shoaling of the hypoxic boundary in the California Current. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	326
4	A dynamic ocean management tool to reduce bycatch and support sustainable fisheries. <i>Science Advances</i> , 2018, 4, eaar3001.	10.3	280
5	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , 2019, 34, 459-473.	8.7	256
6	Assessing underwater noise levels during pile-driving at an offshore windfarm and its potential effects on marine mammals. <i>Marine Pollution Bulletin</i> , 2010, 60, 888-897.	5.0	235
7	Persistent Leatherback Turtle Migrations Present Opportunities for Conservation. <i>PLoS Biology</i> , 2008, 6, e171.	5.6	221
8	Cumulative human impacts on marine predators. <i>Nature Communications</i> , 2013, 4, 2688.	12.8	212
9	Dynamic Ocean Management: Identifying the Critical Ingredients of Dynamic Approaches to Ocean Resource Management. <i>BioScience</i> , 2015, 65, 486-498.	4.9	200
10	Behavioural estimation of blue whale movements in the Northeast Pacific from state-space model analysis of satellite tracks. <i>Endangered Species Research</i> , 2009, 10, 93-106.	2.4	197
11	Assessing environmental impacts of offshore wind farms: lessons learned and recommendations for the future. <i>Aquatic Biosystems</i> , 2014, 10, 8.	1.8	186
12	Ontogeny in marine tagging and tracking science: technologies and data gaps. <i>Marine Ecology - Progress Series</i> , 2012, 457, 221-240.	1.9	158
13	WhaleWatch: a dynamic management tool for predicting blue whale density in the California Current. <i>Journal of Applied Ecology</i> , 2017, 54, 1415-1428.	4.0	133
14	Large-scale movements and high-use areas of western Pacific leatherback turtles, <i>Dermochelys coriacea</i> . <i>Ecosphere</i> , 2011, 2, art84.	2.2	111
15	Quantitative analysis of bottlenose dolphin movement patterns and their relationship with foraging. <i>Journal of Animal Ecology</i> , 2006, 75, 456-465.	2.8	107
16	Identifying and comparing phases of movement by leatherback turtles using state-space models. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 356, 128-135.	1.5	99
17	Using marine mammal habitat modelling to identify priority conservation zones within a marine protected area. <i>Marine Ecology - Progress Series</i> , 2009, 378, 279-287.	1.9	99
18	Temporal resolutions in species distribution models of highly mobile marine animals: Recommendations for ecologists and managers. <i>Diversity and Distributions</i> , 2017, 23, 1098-1109.	4.1	90

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19	Enhancing the TurtleWatch product for leatherback sea turtles, a dynamic habitat model for ecosystem-based management. <i>Fisheries Oceanography</i> , 2015, 24, 57-68.	1.7	85
20	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191472.	2.6	80
21	Spatial and Temporal Occurrence of Blue Whales off the U.S. West Coast, with Implications for Management. <i>PLoS ONE</i> , 2014, 9, e102959.	2.5	78
22	Assessing the responses of coastal cetaceans to the construction of offshore wind turbines. <i>Marine Pollution Bulletin</i> , 2010, 60, 1200-1208.	5.0	68
23	Dolphins simplify their vocal calls in response to increased ambient noise. <i>Biology Letters</i> , 2018, 14, 20180484.	2.3	60
24	Identification of distinct movement patterns in Pacific leatherback turtle populations influenced by ocean conditions. <i>Ecological Applications</i> , 2012, 22, 735-747.	3.8	59
25	Movement Patterns for a Critically Endangered Species, the Leatherback Turtle (<i>Dermochelys</i>) Tj ETQq1 1 0.784314 rBT /Overlock 10 T	2.5	58
26	Oceanographic influences on the dive behavior of juvenile loggerhead turtles (<i>Caretta caretta</i>) in the North Pacific Ocean. <i>Marine Biology</i> , 2010, 157, 1011-1026.	1.5	57
27	Framework for assessing impacts of pile-driving noise from offshore wind farm construction on a harbour seal population. <i>Environmental Impact Assessment Review</i> , 2013, 43, 73-85.	9.2	54
28	Identification of high-use interesting habitats for eastern Pacific leatherback turtles: role of the environment and implications for conservation. <i>Endangered Species Research</i> , 2010, 10, 215-232.	2.4	53
29	Vertical and horizontal habitat preferences of post-nesting leatherback turtles in the South Pacific Ocean. <i>Marine Ecology - Progress Series</i> , 2011, 422, 275-289.	1.9	52
30	Predicting bycatch hotspots for endangered leatherback turtles on longlines in the Pacific Ocean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132559.	2.6	52
31	Using Tâ€PODs to assess variations in the occurrence of coastal bottlenose dolphins and harbour porpoises. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, 150-158.	2.0	50
32	Effect of oceanographic features on fine-scale foraging movements of bottlenose dolphins. <i>Marine Ecology - Progress Series</i> , 2010, 418, 223-233.	1.9	49
33	On the dispersal of leatherback turtle hatchlings from Mesoamerican nesting beaches. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2391-2395.	2.6	46
34	Coastal evacuations by fish during extreme weather events. <i>Scientific Reports</i> , 2016, 6, 30280.	3.3	40
35	Tagging through the stages: technical and ecological challenges in observing life histories through biologging. <i>Marine Ecology - Progress Series</i> , 2012, 457, 165-170.	1.9	37
36	Predictions from harbor porpoise habitat association models are confirmed by long-term passive acoustic monitoring. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 2523-2533.	1.1	36

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37	Analyzing temporally correlated dolphin sightings data using generalized estimating equations. <i>Marine Mammal Science</i> , 2013, 29, 123-141.	1.8	31
38	Seasonal movements of immature Kemp's ridley sea turtles (<i>Lepidochelys kempii</i>) in the northern gulf of Mexico. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 253-267.	2.0	31
39	Modelling harbour seal habitat by combining data from multiple tracking systems. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 450, 30-39.	1.5	24
40	Post-nesting movements and feeding grounds of a resident East Pacific green turtle <i>Chelonia mydas</i> population from Costa Rica. <i>Endangered Species Research</i> , 2012, 18, 233-245.	2.4	24
41	Ecological correlates of blue whale movement behavior and its predictability in the California Current Ecosystem during the summer-fall feeding season. <i>Movement Ecology</i> , 2019, 7, 26.	2.8	23
42	Changepoint analysis: a new approach for revealing animal movements and behaviors from satellite telemetry data. <i>Ecosphere</i> , 2015, 6, 1-13.	2.2	21
43	Year-round spatiotemporal distribution of harbour porpoises within and around the Maryland wind energy area. <i>PLoS ONE</i> , 2017, 12, e0176653.	2.5	20
44	Environmental indicators to reduce loggerhead turtle bycatch offshore of Southern California. <i>Ecological Indicators</i> , 2019, 98, 657-664.	6.3	18
45	Empirical evidence that large marine predator foraging behavior is consistent with area-restricted search theory. <i>Ecology</i> , 2019, 100, e02743.	3.2	16
46	Predicting residence time using a continuous-time discrete-space model of leatherback turtle satellite telemetry data. <i>Ecosphere</i> , 2019, 10, e02644.	2.2	15
47	Finding Balance in Fisheries Management. <i>Science</i> , 2012, 336, 413-413.	12.6	11
48	Pelagic movements of pacific leatherback turtles (<i>dermochelys coriacea</i>) highlight the role of prey and ocean currents. <i>Movement Ecology</i> , 2013, 1, .	2.8	11
49	INCREASING THE PRECISION OF THEODOLITE TRACKING: MODIFIED TECHNIQUE TO CALCULATE THE ALTITUDE OF LAND-BASED OBSERVATION SITES. <i>Marine Mammal Science</i> , 2004, 20, 880-885.	1.8	9
50	Validating automated click detector dolphin detection rates and investigating factors affecting performance. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 931-939.	1.1	9
51	Spatial and temporal variation in the occurrence of bottlenose dolphins in the Chesapeake Bay, USA, using citizen science sighting data. <i>PLoS ONE</i> , 2021, 16, e0251637.	2.5	9
52	Projecting uncertainty onto marine megafauna trajectories. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 915-921.	1.4	8
53	Effects of intense storm events on dolphin occurrence and foraging behavior. <i>Scientific Reports</i> , 2020, 10, 19247.	3.3	8
54	Identifying and predicting occurrence and abundance of a vocal animal species based on individually specific calls. <i>Ecosphere</i> , 2021, 12, e03685.	2.2	8

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55	Comparing Acoustic Tag Attachments Designed for Mobile Tracking of Hatchling Sea Turtles. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	7
56	Nearshore neonate dispersal of Atlantic leatherback turtles (<i>Dermochelys coriacea</i>) from a non-recovering subpopulation. <i>Scientific Reports</i> , 2020, 10, 18748.	3.3	7
57	Using fisheries observation data to develop a predictive species distribution model for endangered sea turtles. <i>Conservation Science and Practice</i> , 2021, 3, e349.	2.0	6
58	Environmental and Biological Factors Influencing Dispersal of Neonate Leatherback Turtles (<i>Dermochelys coriacea</i>) From an Endangered Costa Rican Nesting Population. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	5
59	The Effect of Swim Bladder Presence and Morphology on Sound Frequency Detection for Fishes. <i>Reviews in Fisheries Science and Aquaculture</i> , 2020, 28, 459-477.	9.1	5
60	Diurnal vertical movements in black sea bass (<i>Centropristis striata</i>): Endogenous, facultative, or something else?. <i>Ecosphere</i> , 2021, 12, e03616.	2.2	4
61	LEATHERBACK TURTLE MOVEMENT PATTERNS. <i>Bulletin of the Ecological Society of America</i> , 2012, 93, 165-169.	0.2	3
62	Lessons Learned from WhaleWatch. , 0, , 229-273.		3