Graeme C Hays

List of Publications by Year
in descending order

206	19,711	9264 74	13379 130
papers	citations	h-index	g-index

210	210	210	15021
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate change and marine plankton. Trends in Ecology and Evolution, 2005, 20, 337-344.	8.7	928
2	Scaling laws of marine predator search behaviour. Nature, 2008, 451, 1098-1102.	27.8	852
3	Environmental context explains LÃ©vy and Brownian movement patterns of marine predators. Nature, 2010, 465, 1066-1069.	27.8	746
4	The jellyfish joyride: causes, consequences and management responses to a more gelatinous future. Trends in Ecology and Evolution, 2009, 24, 312-322.	8.7	676
5	Identification of 100 fundamental ecological questions. Journal of Ecology, 2013, 101, 58-67.	4.0	605
6	A review of the adaptive significance and ecosystem consequences of zooplankton diel vertical migrations. Hydrobiologia, 2003, 503, 163-170.	2.0	494
7	Global research priorities for sea turtles: informing management and conservation in the 21st century. Endangered Species Research, 2010, 11, 245-269.	2.4	487
8	Key Questions in Marine Megafauna Movement Ecology. Trends in Ecology and Evolution, 2016, 31, 463-475.	8.7	397
9	Travelling through a warming world: climate change and migratory species. Endangered Species Research, 2009, 7, 87-99.	2.4	297
10	Translating Marine Animal Tracking Data into Conservation Policy and Management. Trends in Ecology and Evolution, 2019, 34, 459-473.	8.7	256
11	Global spatial risk assessment of sharks under the footprint of fisheries. Nature, 2019, 572, 461-466.	27.8	254
12	Changes in marine dinoflagellate and diatom abundance under climate change. Nature Climate Change, 2012, 2, 271-275.	18.8	249
13	A review of long-distance movements by marine turtles, and the possible role of ocean currents. Oikos, 2003, 103, 293-302.	2.7	240
14	Global sea turtle conservation successes. Science Advances, 2017, 3, e1600730.	10.3	236
15	Animal Orientation Strategies for Movement in Flows. Current Biology, 2011, 21, R861-R870.	3.9	227
16	Sampling by the continuous plankton recorder survey. Progress in Oceanography, 1994, 34, 237-256.	3.2	210
17	The energy density of jellyfish: Estimates from bomb-calorimetry and proximate-composition. Journal of Experimental Marine Biology and Ecology, 2007, 343, 239-252.	1.5	181
18	Predators help protect carbon stocks in blue carbon ecosystems. Nature Climate Change, 2015, 5, 1038-1045.	18.8	181

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19	Variation in reproductive output of marine turtles. Journal of Experimental Marine Biology and Ecology, 2003, 288, 95-109.	1.5	180
20	BIODIVERSITY RESEARCH: Fidelity to foraging sites, consistency of migration routes and habitat modulation of home range by sea turtles. Diversity and Distributions, 2010, 16, 840-853.	4.1	175
21	JELLYFISH AGGREGATIONS AND LEATHERBACK TURTLE FORAGING PATTERNS IN A TEMPERATE COASTAL ENVIRONMENT. Ecology, 2006, 87, 1967-1972.	3.2	173
22	Thermal niche, large-scale movements and implications of climate change for a critically endangered marine vertebrate. Global Change Biology, 2006, 12, 1330-1338.	9.5	168
23	Ontogenetic development of migration: Lagrangian drift trajectories suggest a new paradigm for sea turtles. Journal of the Royal Society Interface, 2010, 7, 1319-1327.	3.4	165
24	A Paradigm Shift in the Trophic Importance of Jellyfish?. Trends in Ecology and Evolution, 2018, 33, 874-884.	8.7	160
25	Trophic status drives interannual variability in nesting numbers of marine turtles. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1481-1487.	2.6	159
26	Breeding Periodicity for Male Sea Turtles, Operational Sex Ratios, and Implications in the Face of Climate Change. Conservation Biology, 2010, 24, 1636-1643.	4.7	155
27	Pan-Atlantic leatherback turtle movements. Nature, 2004, 429, 522-522.	27.8	153
28	Assessing accuracy and utility of satellite-tracking data using Argos-linked Fastloc-GPS. Animal Behaviour, 2010, 80, 571-581.	1.9	153
29	Estimating the number of green and loggerhead turtles nesting annually in the Mediterranean. Oryx, 2002, 36, 227-235.	1.0	152
30	Chapter 2 Vulnerability of Marine Turtles to Climate Change. Advances in Marine Biology, 2009, 56, 151-211.	1.4	149
31	FLEXIBLE FORAGING MOVEMENTS OF LEATHERBACK TURTLES ACROSS THE NORTH ATLANTIC OCEAN. Ecology, 2006, 87, 2647-2656.	3.2	145
32	Polyandry in a marine turtle: Females make the best of a bad job. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6530-6535.	7.1	139
33	Climate change and sea turtles: a 150â€year reconstruction of incubation temperatures at a major marine turtle rookery. Global Change Biology, 2003, 9, 642-646.	9.5	135
34	Multi-decadal oceanic ecological datasets and their application in marine policy and management. Trends in Ecology and Evolution, 2010, 25, 602-610.	8.7	134
35	Review of climate change impacts on marine aquaculture in the UK and Ireland. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 389-421.	2.0	134
36	The accuracy of Fastlocâ€‹scp›GPS‹/scp› locations and implications for animal tracking. Methods in Ecology and Evolution, 2014, 5, 1162-1169.	5.2	134

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37	The diving behaviour of green turtles at Ascension Island. Animal Behaviour, 2000, 59, 577-586.	1.9	132
38	Novel GPS tracking of sea turtles as a tool for conservation management. Journal of Experimental Marine Biology and Ecology, 2007, 347, 58-68.	1.5	131
39	Satellite tracking large numbers of individuals to infer population level dispersal and core areas for the protection of an endangered species. Diversity and Distributions, 2013, 19, 834-844.	4.1	130
40	Metabolic Heating and the Prediction of Sex Ratios for Green Turtles (Chelonia mydas). Physiological and Biochemical Zoology, 2001, 74, 161-170.	1.5	129
41	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. Frontiers in Marine Science, 2019, 6, .	2.5	127
42	Microhabitat selection by sea turtles in a dynamic thermal marine environment. Journal of Animal Ecology, 2009, 78, 14-21.	2.8	122
43	Population viability at extreme sex-ratio skews produced by temperature-dependent sex determination. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162576.	2.6	119
44	Global patterns for upper ceilings on migration distance in sea turtles and comparisons with fish, birds and mammals. Functional Ecology, 2013, 27, 748-756.	3.6	118
45	First records of dive durations for a hibernating sea turtle. Biology Letters, 2005, 1, 82-86.	2.3	114
46	Different male vs. female breeding periodicity helps mitigate offspring sex ratio skews in sea turtles. Frontiers in Marine Science, 2014, 1, .	2.5	114
47	Detecting elusive aspects of wildlife ecology using drones: New insights on the mating dynamics and operational sex ratios of sea turtles. Functional Ecology, 2017, 31, 2310-2319.	3.6	114
48	Evidence-based marine protected area planning for a highly mobile endangered marine vertebrate. Biological Conservation, 2013, 161, 101-109.	4.1	113
49	The Implications of Variable Remigration Intervals for the Assessment of Population Size in Marine Turtles. Journal of Theoretical Biology, 2000, 206, 221-227.	1.7	111
50	High activity and LÃ©vy searches: jellyfish can search the water column like fish. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 465-473.	2.6	111
51	Inter-annual variability in the home range of breeding turtles: Implications for current and future conservation management. Biological Conservation, 2010, 143, 722-730.	4.1	110
52	Have jellyfish in the Irish Sea benefited from climate change and overfishing?. Global Change Biology, 2011, 17, 767-782.	9.5	109
53	Ontogeny of long distance migration. Ecology, 2014, 95, 2840-2850.	3.2	108
54	Are green turtles globally endangered?. Global Ecology and Biogeography, 2006, 15, 21-26.	5.8	106

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55	A review of the adaptive significance and ecosystem consequences of zooplankton diel vertical migrations. , 2003, , 163-170.		105
56	Nesting of green turtles (Chelonia mydas) at Ascension Island, South Atlantic. Biological Conservation, 2001, 97, 151-158.	4.1	101
57	MEASUREMENT ERROR CAUSES SCALE-DEPENDENT THRESHOLD EROSION OF BIOLOGICAL SIGNALS IN ANIMAL MOVEMENT DATA. , 2007, 17, 628-638.		101
58	Effects of rising temperature on the viability of an important sea turtle rookery. Nature Climate Change, 2014, 4, 513-518.	18.8	101
59	First records of oceanic dive profiles for leatherback turtles, Dermochelys coriacea, indicate behavioural plasticity associated with long-distance migration. Animal Behaviour, 2004, 67, 733-743.	1.9	100
60	Protected species use of a coastal marine migratory corridor connecting marine protected areas. Marine Biology, 2014, 161, 1455-1466.	1.5	100
61	The biology and ecology of the ocean sunfish Mola mola: a review of current knowledge and future research perspectives. Reviews in Fish Biology and Fisheries, 2010, 20, 471-487.	4.9	98
62	The broad-scale distribution of five jellyfish species across a temperate coastal environment. Hydrobiologia, 2007, 579, 29-39.	2.0	97
63	Convergent evolution in locomotory patterns of flying and swimming animals. Nature Communications, 2011, 2, 352.	12.8	96
64	Mismatch between marine plankton range movements and the velocity of climate change. Nature Communications, 2017, 8, 14434.	12.8	94
65	Pan-Atlantic analysis of the overlap of a highly migratory species, the leatherback turtle, with pelagic longline fisheries. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133065.	2.6	93
66	Evidence from genetic and Lagrangian drifter data for transatlantic transport of small juvenile green turtles. Journal of Biogeography, 2010, 37, 1752-1766.	3.0	90
67	Human disturbance causes widespread disruption of animal movement. Nature Ecology and Evolution, 2021, 5, 513-519.	7.8	90
68	Climate change and temperatureâ€linked hatchling mortality at a globally important sea turtle nesting site. Global Change Biology, 2017, 23, 4922-4931.	9.5	87
69	Unravelling migratory connectivity in marine turtles using multiple methods. Journal of Applied Ecology, 2010, 47, 769-778.	4.0	86
70	THE IMPLICATIONS OF LUNG-REGULATED BUOYANCY CONTROL FOR DIVE DEPTH AND DURATION. Ecology, 2004, 85, 1137-1145.	3.2	84
71	Detecting female precise natal philopatry in green turtles using assignment methods. Molecular Ecology, 2006, 16, 61-74.	3.9	84
72	Use of Longâ€Distance Migration Patterns of an Endangered Species to Inform Conservation Planning for the World's Largest Marine Protected Area. Conservation Biology, 2014, 28, 1636-1644.	4.7	83

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73	Current-Oriented Swimming by Jellyfish and Its Role in Bloom Maintenance. Current Biology, 2015, 25, 342-347.	3.9	80
74	Satellite Tracking Sea Turtles: Opportunities and Challenges to Address Key Questions. Frontiers in Marine Science, 2018, 5, .	2.5	80
75	The importance of migratory connectivity for global ocean policy. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191472.	2.6	80
76	Fidelity to foraging sites after long migrations. Journal of Animal Ecology, 2020, 89, 1008-1016.	2.8	80
77	Large scale spatial variations in the seasonal abundance of Calanus finmarchicus. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 315-326.	1.4	79
78	Acceleration data reveal the energy management strategy of a marine ectotherm during reproduction. Functional Ecology, 2012, 26, 324-333.	3.6	78
79	A biologistâ€™s guide to assessing ocean currents: a review. Marine Ecology - Progress Series, 2012, 457, 285-301.	1.9	76
80	Satellite tracking of the World's largest bony fish, the ocean sunfish (Mola mola L.) in the North East Atlantic. Journal of Experimental Marine Biology and Ecology, 2009, 370, 127-133.	1.5	75
81	Spatio-temporal foraging patterns of a giant zooplanktivore, the leatherback turtle. Journal of Marine Systems, 2010, 81, 225-234.	2.1	75
82	Toxic marine microalgae and shellfish poisoning in the British isles: history, review of epidemiology, and future implications. Environmental Health, 2011, 10, 54.	4.0	75
83	Life in the really slow lane: loggerhead sea turtles mature late relative to other reptiles. Functional Ecology, 2012, 26, 227-235.	3.6	74
84	Nest placement by loggerhead turtles, Caretta caretta. Animal Behaviour, 1993, 45, 47-53.	1.9	73
85	Sand temperatures for nesting sea turtles in the Caribbean: Implications for hatchling sex ratios in the face of climate change. Journal of Experimental Marine Biology and Ecology, 2016, 474, 92-99.	1.5	73
86	Route optimisation and solving <scp>Z</scp>ermelo's navigation problem during long distance migration in cross flows. Ecology Letters, 2014, 17, 137-143.	6.4	72
87	How numbers of nesting sea turtles can be overestimated by nearly a factor of two. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162581.	2.6	72
88	Testing the navigational abilities of ocean migrants: displacement experiments on green sea turtles () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	70
89	Change in body mass associated with long-term fasting in a marine reptile: the case of green turtles (Chelonia mydas) at Ascension Island. Canadian Journal of Zoology, 2002, 80, 1299-1302.	1.0	70
90	Ontogenetic and seasonal variation in the diel vertical migration of the copepods Metridia lucens and Metridia longa. Limnology and Oceanography, 1995, 40, 1461-1465.	3.1	69

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91	Drones for research on sea turtles and other marine vertebrates â€“ A review. Biological Conservation, 2019, 238, 108214.	4.1	69
92	Expanded thermal niche for a diving vertebrate: A leatherback turtle diving into near-freezing water. Journal of Experimental Marine Biology and Ecology, 2006, 335, 221-226.	1.5	66
93	Overhauling Ocean Spatial Planning to Improve Marine Megafauna Conservation. Frontiers in Marine Science, 2019, 6, .	2.5	65
94	Island-finding ability of marine turtles. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S5-7.	2.6	61
95	Natal site and offshore swimming influence fitness and long-distance ocean transport in young sea turtles. Marine Biology, 2012, 159, 2117-2126.	1.5	61
96	Lost at sea: genetic, oceanographic and meteorological evidence for storm-forced dispersal. Journal of the Royal Society Interface, 2012, 9, 1725-1732.	3.4	61
97	Diel and seasonal patterns in activity and home range size of green turtles on their foraging grounds revealed by extended Fastloc-GPS tracking. Marine Biology, 2017, 164, 1.	1.5	61
98	Long-Term GPS Tracking of Ocean Sunfish Mola mola Offers a New Direction in Fish Monitoring. PLoS ONE, 2009, 4, e7351.	2.5	60
99	The role of infrequent and extraordinary deep dives in leatherback turtles (Dermochelys coriacea). Journal of Experimental Biology, 2008, 211, 2566-2575.	1.7	59
100	When surfacers do not dive: multiple significance of extended surface times in marine turtles. Journal of Experimental Biology, 2010, 213, 1328-1337.	1.7	58
101	Ocean currents and marine life. Current Biology, 2017, 27, R470-R473.	3.9	58
102	Movement Patterns for a Critically Endangered Species, the Leatherback Turtle (Dermochelys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.5	58
103	Sea turtles: A review of some key recent discoveries and remaining questions. Journal of Experimental Marine Biology and Ecology, 2008, 356, 1-7.	1.5	56
104	A global review of green turtle diet: sea surface temperature as a potential driver of omnivory levels. Marine Biology, 2020, 167, 1.	1.5	56
105	Phenological response of sea turtles to environmental variation across a species' northern range. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122397.	2.6	55
106	Identification of genetically and oceanographically distinct blooms of jellyfish. Journal of the Royal Society Interface, 2013, 10, 20120920.	3.4	54
107	A little movement orientated to the geomagnetic field makes a big difference in strong flows. Marine Biology, 2012, 159, 481-488.	1.5	52
108	Comparison between zooplankton data collected by the Continuous Plankton Recorder survey in the English Channel and by WP-2 nets at station L4, Plymouth (UK). Journal of Sea Research, 2001, 46, 223-232.	1.6	50

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109	Good news for sea turtles. Trends in Ecology and Evolution, 2004, 19, 349-351.	8.7	50
110	Flipper beat frequency and amplitude changes in diving green turtles, Chelonia mydas. Marine Biology, 2007, 150, 1003-1009.	1.5	50
111	Disentangling the cause of a catastrophic population decline in a large marine mammal. Ecology, 2015, 96, 2834-2847.	3.2	50
112	Measuring the state of consciousness in a free-living diving sea turtle. Journal of Experimental Marine Biology and Ecology, 2008, 356, 115-120.	1.5	49
113	Behaviour and buoyancy regulation in the deepest-diving reptile: the leatherback turtle. Journal of Experimental Biology, 2010, 213, 4074-4083.	1.7	49
114	Multiâ€decadal range changes vs. thermal adaptation for north east Atlantic oceanic copepods in the face of climate change. Global Change Biology, 2014, 20, 140-146.	9.5	48
115	Using climatic suitability thresholds to identify past, present and future population viability. Ecological Indicators, 2016, 71, 551-556.	6.3	48
116	Ecological and Societal Benefits of Jellyfish. , 2014, , 105-127.		48
117	Global patterns of epipelagic gelatinous zooplankton biomass. Marine Biology, 2011, 158, 2429-2436.	1.5	47
118	A review of a decade of lessons from one of the worldâ€™s largest MPAs: conservation gains and key challenges. Marine Biology, 2020, 167, 1.	1.5	47
119	Animal-borne sensors successfully capture the real-time thermal properties of ocean basins. Limnology and Oceanography: Methods, 2005, 3, 392-398.	2.0	46
120	Habitat utilization by juvenile hawksbill turtles (Eretmochelys imbricata, Linnaeus, 1766) around a shallow water coral reef. Journal of Natural History, 2003, 37, 1269-1280.	0.5	45
121	Behavioral Inference of Diving Metabolic Rate in Freeâ€Ranging Leatherback Turtles. Physiological and Biochemical Zoology, 2007, 80, 209-219.	1.5	45
122	Allometric scaling of lung volume and its consequences for marine turtle diving performance. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 360-367.	1.8	45
123	Mesh selection and filtration efficiency of the Continuous Plankton Recorder. Journal of Plankton Research, 1994, 16, 403-412.	1.8	44
124	Satellite tracking the world's largest jelly predator, the ocean sunfish, Mola mola, in the Western Pacific. Journal of Experimental Marine Biology and Ecology, 2010, 393, 32-42.	1.5	43
125	Reproductive Investment and Optimum Clutch Size of Loggerhead Sea Turtles (Caretta caretta). Journal of Animal Ecology, 1991, 60, 455.	2.8	42
126	Stranding events provide indirect insights into the seasonality and persistence of jellyfish medusae (Cnidaria: Scyphozoa). Hydrobiologia, 2007, 589, 1-13.	2.0	42

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127	The ocean sunfish Mola mola: insights into distribution, abundance and behaviour in the Irish and Celtic Seas. Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 1237-1243.	0.8	41
128	Rare longâ€distance dispersal of a marine angiosperm across the Pacific Ocean. Global Ecology and Biogeography, 2018, 27, 487-496.	5.8	41
129	A Review of Patterns of Multiple Paternity Across Sea Turtle Rookeries. Advances in Marine Biology, 2018, 79, 1-31.	1.4	40
130	Long-term monitoring of leatherback turtle diving behaviour during oceanic movements. Journal of Experimental Marine Biology and Ecology, 2006, 328, 197-210.	1.5	39
131	A standardisation framework for bioâ€logging data to advance ecological research and conservation. Methods in Ecology and Evolution, 2021, 12, 996-1007.	5.2	39
132	Does prey size matter? Novel observations of feeding in the leatherback turtle (<i>Dermochelys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.3	38
133	Are vertical migrations driven by circadian behaviour? Decoupling of activity and depth use in a large riverine elasmobranch, the freshwater sawfish (Pristis pristis). Hydrobiologia, 2017, 787, 181-191.	2.0	38
134	Diving behaviour of jellyfish equipped with electronic tags. Journal of Plankton Research, 2007, 30, 325-331.	1.8	36
135	Vertical niche overlap by two ocean giants with similar diets: Ocean sunfish and leatherback turtles. Journal of Experimental Marine Biology and Ecology, 2009, 370, 134-143.	1.5	36
136	Male hatchling production in sea turtles from one of the worldâ€™s largest marine protected areas, the Chagos Archipelago. Scientific Reports, 2016, 6, 20339.	3.3	36
137	Optimism for mitigation of climate warming impacts for sea turtles through nest shading and relocation. Scientific Reports, 2018, 8, 17625.	3.3	36
138	Two hundred years after a commercial marine turtle fishery: the current status of marine turtles nesting in the Cayman Islands. Oryx, 2001, 35, 145-151.	1.0	34
139	Population-level perspectives on global change: genetic and demographic analyses indicate various scales, timing, and causes of scyphozoan jellyfish blooms. Biological Invasions, 2015, 17, 851-867.	2.4	34
140	Longâ€term photoâ€id and satellite tracking reveal sexâ€biased survival linked to movements in an endangered species. Ecology, 2020, 101, e03027.	3.2	34
141	Sea turtle diving and foraging behaviour around the Greek Island of Kefalonia. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 761-762.	0.8	33
142	Fisheries bycatch data provide insights into the distribution of the mauve stinger (Pelagia noctiluca) around Ireland. ICES Journal of Marine Science, 2011, 68, 436-443.	2.5	33
143	Estimates of marine turtle nesting populations in the south-west Indian Ocean indicate the importance of the Chagos Archipelago. Oryx, 2020, 54, 332-343.	1.0	33
144	Tools for studying animal behaviour: validation of dive profiles relayed via the Argos satellite system. Animal Behaviour, 2006, 71, 989-993.	1.9	32

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145	Inter- and Intra-Beach Thermal Variation for Green Turtle Nests on Ascension Island, South Atlantic. Journal of the Marine Biological Association of the United Kingdom, 1995, 75, 405-411.	0.8	31
146	Powering Ocean Giants: The Energetics of Shark and Ray Megafauna. Trends in Ecology and Evolution, 2019, 34, 1009-1021.	8.7	31
147	Reproductive investment by green turtles nesting on Ascension Island. Canadian Journal of Zoology, 1993, 71, 1098-1103.	1.0	29
148	Spatio-temporal patterns in the diel vertical migration of the copepod Metridia lucens in the northeast Atlantic derived from the Continuous Plankton Recorder survey. Limnology and Oceanography, 1995, 40, 469-475.	3.1	29
149	Zooplankton avoidance activity. Nature, 1995, 376, 650-650.	27.8	29
150	Applying the Heat to Research Techniques for Species Conservation. Conservation Biology, 2007, 21, 271-273.	4.7	29
151	N-dimensional animal energetic niches clarify behavioural options in a variable marine environment. Journal of Experimental Biology, 2011, 214, 646-656.	1.7	29
152	Complex movement patterns by foraging loggerhead sea turtles outside the breeding season identified using Argosâ€linked Fastlocâ€Global Positioning System. Marine Ecology, 2018, 39, e12489.	1.1	29
153	Use of respiration rates of scyphozoan jellyfish to estimate their effects on the food web. Hydrobiologia, 2010, 645, 135-152.	2.0	28
154	New Tools to Identify the Location of Seagrass Meadows: Marine Grazers as Habitat Indicators. Frontiers in Marine Science, 2018, 5, .	2.5	28
155	Spatial variation in directional swimming enables juvenile sea turtles to reach and remain in productive waters. Marine Ecology - Progress Series, 2016, 557, 247-259.	1.9	28
156	How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1283-1294.	1.4	27
157	Recording the free-living behaviour of small-bodied, shallow-diving animals with data loggers. Journal of Animal Ecology, 2007, 76, 183-190.	2.8	27
158	Large-scale sampling reveals the spatio-temporal distributions of the jellyfish Aurelia aurita and Cyanea capillata in the Irish Sea. Marine Biology, 2011, 158, 2639-2652.	1.5	27
159	Fastloc-GPS reveals daytime departure and arrival during long-distance migration and the use of different resting strategies in sea turtles. Marine Biology, 2017, 164, 1.	1.5	27
160	Open Ocean Reorientation and Challenges of Island Finding by Sea Turtles during Long-Distance Migration. Current Biology, 2020, 30, 3236-3242.e3.	3.9	26
161	Individual specialization in a migratory grazer reflects long-term diet selectivity on a foraging ground: implications for isotope-based tracking. Oecologia, 2018, 188, 429-439.	2.0	25
162	Extreme rainfall events and cooling of sea turtle clutches: Implications in the face of climate warming. Ecology and Evolution, 2021, 11, 560-565.	1.9	25

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163	Molecular Analysis of Predator Scats Reveals Role of Salps in Temperate Inshore Food Webs. Frontiers in Marine Science, 2018, 5, .	2.5	24
164	Impact of heavy rainfall events and shading on the temperature of sea turtle nests. Marine Biology, 2020, 167, 1.	1.5	24
165	Quantifying wildlifeâ€watching ecotourism intensity on an endangered marine vertebrate. Animal Conservation, 2015, 18, 517-528.	2.9	23
166	Orientation of migrating leatherback turtles in relation to ocean currents. Animal Behaviour, 2012, 84, 1491-1500.	1.9	21
167	Since turtles cannot talk: what beak movement sensors can tell us about the feeding ecology of neritic loggerhead turtles, <scp>C</scp>aretta caretta. Marine Ecology, 2013, 34, 321-333.	1.1	20
168	Green turtle diet is dominated by seagrass in the Western Indian Ocean except amongst gravid females. Marine Biology, 2019, 166, 1.	1.5	20
169	Conservation importance of previously undescribed abundance trends: increase in loggerhead turtle numbers nesting on an Atlantic island. Oryx, 2020, 54, 315-322.	1.0	20
170	Two hundred years after a commercial marine turtle fishery: the current status of marine turtles nesting in the Cayman Islands. Oryx, 2001, 35, 145.	1.0	18
171	Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 155-162.	1.4	18
172	Long-term changes in abundance and distribution of microzooplankton in the NE Atlantic and North Sea. Journal of Plankton Research, 2012, 34, 83-91.	1.8	18
173	Ecosystem relevance of variable jellyfish biomass in the Irish Sea between years, regions and water types. Estuarine, Coastal and Shelf Science, 2014, 149, 302-312.	2.1	18
174	New insights: animalâ€borne cameras and accelerometers reveal the secret lives of cryptic species. Journal of Animal Ecology, 2015, 84, 587-589.	2.8	17
175	Ocean currents, individual movements and genetic structuring of populations. Marine Biology, 2018, 165, 1.	1.5	17
176	Diel changes in the near-surface biomass of zooplankton and the carbon content of vertical migrants. Deep-Sea Research Part II: Topical Studies in Oceanography, 2001, 48, 1063-1068.	1.4	16
177	Dive performance in a small-bodied, semi-aquatic mammal in the wild. Journal of Mammalogy, 2012, 93, 198-210.	1.3	16
178	Optimising sample sizes for animal distribution analysis using tracking data. Methods in Ecology and Evolution, 2021, 12, 288-297.	5.2	16
179	Network analysis of sea turtle movements and connectivity: A tool for conservation prioritization. Diversity and Distributions, 2022, 28, 810-829.	4.1	16
180	Production of male hatchlings at a remote South Pacific green sea turtle rookery: conservation implications in a female-dominated world. Marine Biology, 2020, 167, 1.	1.5	15

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181	High accuracy tracking reveals how small conservation areas can protect marine megafauna. Ecological Applications, 2021, 31, e02418.	3.8	15
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183	Addressing tagging location bias to assess space use by marine animals. Journal of Applied Ecology, 2020, 57, 1981-1987.	4.0	13
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