

Mark Hamann

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

6,124
citations

101384

36
h-index

79541

73
g-index

112
all docs

112
docs citations

112
times ranked

5472
citing authors

#	ARTICLE	IF	CITATIONS
1	Global research priorities for sea turtles: informing management and conservation in the 21st century. <i>Endangered Species Research</i> , 2010, 11, 245-269.	1.2	487
2	Regional Management Units for Marine Turtles: A Novel Framework for Prioritizing Conservation and Research across Multiple Scales. <i>PLoS ONE</i> , 2010, 5, e15465.	1.1	483
3	Global Conservation Priorities for Marine Turtles. <i>PLoS ONE</i> , 2011, 6, e24510.	1.1	389
4	Global research priorities to mitigate plastic pollution impacts on marine wildlife. <i>Endangered Species Research</i> , 2014, 25, 225-247.	1.2	275
5	Plastic and marine turtles: a review and call for research. <i>ICES Journal of Marine Science</i> , 2016, 73, 165-181.	1.2	261
6	Translating Marine Animal Tracking Data into Conservation Policy and Management. <i>Trends in Ecology and Evolution</i> , 2019, 34, 459-473.	4.2	256
7	Bioaccumulation and biomagnification of microplastics in marine organisms: A review and meta-analysis of current data. <i>PLoS ONE</i> , 2020, 15, e0240792.	1.1	224
8	Are we working towards global research priorities for management and conservation of sea turtles?. <i>Endangered Species Research</i> , 2016, 31, 337-382.	1.2	218
9	Microplastic ingestion ubiquitous in marine turtles. <i>Global Change Biology</i> , 2019, 25, 744-752.	4.2	210
10	Vulnerability of sea turtle nesting grounds to climate change. <i>Global Change Biology</i> , 2011, 17, 140-153.	4.2	177
11	Ontogeny in marine tagging and tracking science: technologies and data gaps. <i>Marine Ecology - Progress Series</i> , 2012, 457, 221-240.	0.9	158
12	Potential impacts of projected sea-level rise on sea turtle rookeries. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, 132-139.	0.9	126
13	Modelling the fate of marine debris along a complex shoreline: Lessons from the Great Barrier Reef. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 414-426.	0.9	121
14	Patterns of lipid storage and mobilisation in the female green sea turtle (<i>Chelonia mydas</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2002, 172, 485-493.	0.7	111
15	Proxy indicators of sand temperature help project impacts of global warming on sea turtles in northern Australia. <i>Endangered Species Research</i> , 2009, 9, 33-40.	1.2	94
16	Past, current and future thermal profiles of green turtle nesting grounds: Implications from climate change. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 383, 56-64.	0.7	92
17	Knowledge exchange and policy influence in a marine resource governance network. <i>Global Environmental Change</i> , 2012, 22, 178-188.	3.6	87
18	Coastal light pollution and marine turtles: assessing the magnitude of the problem. <i>Endangered Species Research</i> , 2012, 19, 85-98.	1.2	81

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19	Fidelity to foraging sites after long migrations. <i>Journal of Animal Ecology</i> , 2020, 89, 1008-1016.	1.3	80
20	Guiding principles for the improved governance of port and shipping impacts in the Great Barrier Reef. <i>Marine Pollution Bulletin</i> , 2013, 75, 8-20.	2.3	77
21	Metal Levels in Seston and Marine Fish Flesh Near Industrial and Metropolitan Centres in South Australia. <i>Marine Pollution Bulletin</i> , 2001, 42, 389-396.	2.3	66
22	Informing research priorities for immature sea turtles through expert elicitation. <i>Endangered Species Research</i> , 2018, 37, 55-76.	1.2	64
23	Improving in-water estimates of marine turtle abundance by adjusting aerial survey counts for perception and availability biases. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 471, 77-83.	0.7	63
24	Diving at the shallow end: Green turtle behaviour in near-shore foraging habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 371, 84-92.	0.7	62
25	Spatial and temporal genetic variation among size classes of green turtles (<i>Chelonia mydas</i>) provides information on oceanic dispersal and population dynamics. <i>Marine Ecology - Progress Series</i> , 2016, 543, 241-256.	0.9	62
26	Satellite Tracking of Sympatric Marine Megafauna Can Inform the Biological Basis for Species Co-Management. <i>PLoS ONE</i> , 2014, 9, e98944.	1.1	61
27	The role of social marketing, marine turtles and sustainable tourism in reducing plastic pollution. <i>Marine Pollution Bulletin</i> , 2016, 107, 324-332.	2.3	58
28	Evidence for a Hormonal Tactic Maximizing Green Turtle Reproduction in Response to a Pervasive Ecological Stressor. <i>General and Comparative Endocrinology</i> , 2000, 118, 407-417.	0.8	57
29	Improving data retention and home range estimates by data-driven screening. <i>Marine Ecology - Progress Series</i> , 2012, 457, 171-180.	0.9	55
30	Modelling the fate of marine turtle hatchlings. <i>Ecological Modelling</i> , 2011, 222, 1515-1521.	1.2	51
31	Bridging Knowledges: Understanding and Applying Indigenous and Western Scientific Knowledge for Marine Wildlife Management. <i>Society and Natural Resources</i> , 2013, 26, 285-302.	0.9	51
32	Sea turtles return home after intentional displacement from coastal foraging areas. <i>Marine Biology</i> , 2016, 163, 1.	0.7	48
33	Impacts of artificial light at night in marine ecosystems – A review. <i>Global Change Biology</i> , 2022, 28, 5346-5367.	4.2	44
34	Aligning habitat use with management zoning to reduce vessel strike of sea turtles. <i>Ocean and Coastal Management</i> , 2017, 142, 163-172.	2.0	42
35	Relative Exposure Index: an important factor in sea turtle nesting distribution. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, 140-149.	0.9	41
36	Body condition and physiological changes in male green turtles during breeding. <i>Marine Ecology - Progress Series</i> , 2004, 276, 281-288.	0.9	40

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37	Long-term and seasonal patterns of sea turtle home ranges in warm coastal foraging habitats: implications for conservation. <i>Marine Ecology - Progress Series</i> , 2016, 562, 163-179.	0.9	39
38	Temporal changes in artificial light exposure of marine turtle nesting areas. <i>Global Change Biology</i> , 2014, 20, 2437-2449.	4.2	38
39	Fuel use and corticosterone dynamics in hatchling green sea turtles (<i>Chelonia mydas</i>) during natal dispersal. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 353, 13-21.	0.7	37
40	Tagging through the stages: technical and ecological challenges in observing life histories through biologging. <i>Marine Ecology - Progress Series</i> , 2012, 457, 165-170.	0.9	37
41	Early swimming activity of hatchling flatback sea turtles <i>Natator depressus</i> : a test of the "predation risk" hypothesis. <i>Endangered Species Research</i> , 2009, 9, 41-47.	1.2	33
42	Home range of immature green turtles tracked at an offshore tropical reef using automated passive acoustic technology. <i>Marine Biology</i> , 2013, 160, 617-627.	0.7	33
43	Influence of industrial light pollution on the sea-finding behaviour of flatback turtle hatchlings. <i>Wildlife Research</i> , 2014, 41, 421.	0.7	32
44	Prioritization of Marine Turtle Management Projects: A Protocol that Accounts for Threats to Different Life History Stages. <i>Conservation Letters</i> , 2017, 10, 547-554.	2.8	32
45	Input of plastic debris in an urban tropical river system. <i>Marine Pollution Bulletin</i> , 2019, 144, 235-242.	2.3	32
46	Interplay between age class, sex and stress response in green turtles (<i>Chelonia mydas</i>). <i>Australian Journal of Zoology</i> , 2005, 53, 131.	0.6	31
47	Population Health Adaptation Approaches to the Increasing Severity and Frequency of Weather-Related Disasters Resulting From our Changing Climate: A Literature Review and Application to Charleston, South Carolina. <i>Current Environmental Health Reports</i> , 2018, 5, 439-452.	3.2	29
48	New Tools to Identify the Location of Seagrass Meadows: Marine Grazers as Habitat Indicators. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	28
49	Positive Interactions Between Irrawaddy Dolphins and Artisanal Fishers in the Chilika Lagoon of Eastern India are Driven by Ecology, Socioeconomics, and Culture. <i>Ambio</i> , 2014, 43, 614-624.	2.8	26
50	Reflections on sea turtle conservation. <i>Oryx</i> , 2020, 54, 287-289.	0.5	26
51	Justifying the need for collaborative management of fisheries bycatch: A lesson from marine turtles in Australia. <i>Biological Conservation</i> , 2016, 196, 40-47.	1.9	25
52	Sedimentological characteristics of key sea turtle rookeries: potential implications under projected climate change. <i>Marine and Freshwater Research</i> , 2010, 61, 464.	0.7	24
53	Relationship between tropical cyclones and the distribution of sea turtle nesting grounds. <i>Journal of Biogeography</i> , 2011, 38, 1886-1896.	1.4	24
54	Is acoustic tracking appropriate for air-breathing marine animals? Dugongs as a case study. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 464, 1-10.	0.7	24

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55	Hormonal and metabolic responses to nesting activities in the green turtle, <i>Chelonia mydas</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 308, 253-267.	0.7	23
56	Does behaviour affect the dispersal of flatback post-hatchlings in the Great Barrier Reef?. <i>Royal Society Open Science</i> , 2017, 4, 170164.	1.1	23
57	Phylogeography, genetic stocks, and conservation implications for an Australian endemic marine turtle. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 440-460.	0.9	23
58	Importance of health assessments for conservation in noncaptive wildlife. <i>Conservation Biology</i> , 2022, 36, .	2.4	23
59	Rezoning of the Great Barrier Reef World Heritage Area: does it afford greater protection for marine turtles?. <i>Wildlife Research</i> , 2008, 35, 477.	0.7	22
60	Potential Applicability of Persuasive Communication to Light-Glow Reduction Efforts: A Case Study of Marine Turtle Conservation. <i>Environmental Management</i> , 2014, 54, 583-595.	1.2	22
61	Effects of environmental variables on the movement and space use of coastal sea snakes over multiple temporal scales. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 26-34.	0.7	22
62	First record of sea snake (<i>Hydrophis elegans</i> , Hydrophiinae) entrapped in marine debris. <i>Marine Pollution Bulletin</i> , 2013, 73, 336-338.	2.3	21
63	Evaluating the threat of IUU fishing to sea turtles in the Indian Ocean and Southeast Asia using expert elicitation. <i>Biological Conservation</i> , 2018, 217, 232-239.	1.9	21
64	Effectiveness of recreational divers for monitoring sea turtle populations. <i>Endangered Species Research</i> , 2015, 26, 209-219.	1.2	20
65	The Development of Early Diving Behavior by Juvenile Flatback Sea Turtles (<i>Natator depressus</i>). <i>Chelonian Conservation and Biology</i> , 2010, 9, 8-17.	0.1	19
66	Balancing artificial light at night with turtle conservation? Coastal community engagement with light-glow reduction. <i>Environmental Conservation</i> , 2015, 42, 171-181.	0.7	19
67	Disease risk analysis in sea turtles: A baseline study to inform conservation efforts. <i>PLoS ONE</i> , 2020, 15, e0230760.	1.1	19
68	Predictable pollution: An assessment of weather balloons and associated impacts on the marine environment – An example for the Great Barrier Reef, Australia. <i>Marine Pollution Bulletin</i> , 2014, 79, 61-68.	2.3	18
69	Conflicts and solutions related to marine turtle conservation initiatives in the Caribbean basin: Identifying new challenges. <i>Ocean and Coastal Management</i> , 2019, 171, 19-27.	2.0	18
70	Marine Turtle Presence in the Traditional Pharmacopoeia, Cosmivision, and Beliefs of WayuÃ Indigenous People. <i>Chelonian Conservation and Biology</i> , 2018, 17, 177.	0.1	18
71	Distribution and abundance of marine turtles in the Socialist Republic of Viet Nam. <i>Biodiversity and Conservation</i> , 2006, 15, 3703-3720.	1.2	17
72	Spatial Distribution and Residency of Green and Loggerhead Sea Turtles Using Coastal Reef Habitats in Southern Mozambique. <i>Frontiers in Marine Science</i> , 2017, 3, .	1.2	17

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73	Optimising sample sizes for animal distribution analysis using tracking data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 288-297.	2.2	16
74	Plastic Pollution and Small Juvenile Marine Turtles: A Potential Evolutionary Trap. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	16
75	Seasonal variation in plasma catecholamines and adipose tissue lipolysis in adult female green sea turtles (<i>Chelonia mydas</i>). <i>General and Comparative Endocrinology</i> , 2003, 130, 308-316.	0.8	15
76	Options for managing the sustainable use of green turtles: Perceptions of Hammond Islanders in Torres Strait. <i>Conservation and Society</i> , 2010, 8, 73.	0.4	15
77	Drivers of change in the relative abundance of dugongs in New Caledonia. <i>Wildlife Research</i> , 2017, 44, 365.	0.7	15
78	Evidence of behavioural thermoregulation by dugongs at the high latitude limit to their range in eastern Australia. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 508, 27-34.	0.7	15
79	Predicting the exposure of coastal species to plastic pollution in a complex island archipelago. <i>Environmental Pollution</i> , 2019, 252, 982-991.	3.7	15
80	Regional and annual variation in plasma steroids and metabolic indicators in female green turtles, <i>Chelonia mydas</i> . <i>Marine Biology</i> , 2005, 148, 427-433.	0.7	14
81	Flexible foraging: Post-nesting flatback turtles on the Australian continental shelf. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 477, 112-119.	0.7	14
82	Effect of sea turtle rehabilitation centres in Queensland, Australia, on people's perceptions of conservation. <i>Endangered Species Research</i> , 2013, 20, 153-165.	1.2	14
83	Using regional geographic scale substitution to value coastal wildlife tourism: Implications for stakeholders, conservation and management. <i>Ocean and Coastal Management</i> , 2016, 128, 52-60.	2.0	12
84	Early growth and development of morphological defenses in post-hatchling flatbacks (<i>Natator</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 49, 421-435.	0.4	12
85	Using multiple indicators to evaluate the sustainability of dolphin-based wildlife tourism in rural India. <i>Journal of Sustainable Tourism</i> , 2018, 26, 1687-1707.	5.7	12
86	Exploring habitat selection in sea snakes using passive acoustic monitoring and Bayesian hierarchical models. <i>Marine Ecology - Progress Series</i> , 2016, 546, 249-262.	0.9	12
87	Importance of Shallow Tidal Habitats as Refugia from Trawl Fishing for Sea Snakes. <i>Journal of Herpetology</i> , 2016, 50, 527-533.	0.2	11
88	High-resolution movements of critically endangered hawksbill turtles help elucidate conservation requirements in northern Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 1263.	0.7	11
89	Using citizen science data to assess the difference in marine debris loads on reefs in Queensland, Australia. <i>Marine Pollution Bulletin</i> , 2018, 135, 458-465.	2.3	11
90	Testing a recipe for effective recovery plan design: a marine turtle case study. <i>Endangered Species Research</i> , 2016, 31, 147-161.	1.2	11

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91	Using habitat suitability models in an industrial setting: the case for interesting flatback turtles. <i>Ecosphere</i> , 2016, 7, e01551.	1.0	9
92	Protecting Migratory Species in the Australian Marine Environment: A Cross-Jurisdictional Analysis of Policy and Management Plans. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	9
93	Conservation and Enforcement Capacity index (CECI): Integrating human development, economy, and marine turtle status. <i>Journal of Environmental Management</i> , 2020, 262, 110311.	3.8	8
94	Space-use patterns of green turtles in industrial coastal foraging habitat: Challenges and opportunities for informing management with a large satellite tracking dataset. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 1041-1056.	0.9	8
95	Twenty-nine microsatellite markers for two Australian freshwater turtles, <i>Elseya albagula</i> and <i>Emydura macquarii krefftii</i> : development from 454-sequence data and utility in related taxa. <i>Conservation Genetics Resources</i> , 2011, 3, 449-456.	0.4	7
96	Effects of a dredging operation on the movement and dive behaviour of marine turtles during breeding. <i>Biological Conservation</i> , 2017, 206, 190-200.	1.9	7
97	Closing the gap: mixed stock analysis of three foraging populations of green turtles (<i>Chelonia</i>) Tj ETQq1 1 0.784314 rgBT ₇ Overloc	0.9	7
98	Time-restricted orientation of green turtles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 484, 31-38.	0.7	6
99	Using expert opinion to identify and determine the relative impact of threats to sea turtles in Mozambique. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1936-1948.	0.9	6

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109	Disease risk analysis in sea turtles: A baseline study to inform conservation efforts. , 2020, 15, e0230760.		0
110	Disease risk analysis in sea turtles: A baseline study to inform conservation efforts. , 2020, 15, e0230760.		0