

Helene D Marsh

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

6,095
citations

101543

36
h-index

79698

73
g-index

122
all docs

122
docs citations

122
times ranked

6727
citing authors

#	ARTICLE	IF	CITATIONS
1	Corneal avascularity is due to soluble VEGF receptor-1. <i>Nature</i> , 2006, 443, 993-997.	27.8	605
2	Establishing Representative No-Take Areas in the Great Barrier Reef: Large-Scale Implementation of Theory on Marine Protected Areas. <i>Conservation Biology</i> , 2005, 19, 1733-1744.	4.7	498
3	Adaptive management of the Great Barrier Reef: A globally significant demonstration of the benefits of networks of marine reserves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18278-18285.	7.1	408
4	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 463-475.	8.7	397
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	SPATIAL SCALE, SPECIES DIVERSITY, AND HABITAT STRUCTURE: SMALL MAMMALS IN AUSTRALIAN TROPICAL RAIN FOREST. <i>Ecology</i> , 2002, 83, 1317-1329.	3.2	237
7	Population sizes, site fidelity and residence patterns of Australian snubfin and Indo-Pacific humpback dolphins: Implications for conservation. <i>Biological Conservation</i> , 2006, 129, 167-180.	4.1	156
8	Estimating Animal Abundance in Heterogeneous Environments: An Application to Aerial Surveys for Dugongs. <i>Journal of Wildlife Management</i> , 2006, 70, 255-262.	1.8	155
9	Movement heterogeneity of dugongs, <i>Dugong dugon</i> (Müller), over large spatial scales. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 334, 64-83.	1.5	131
10	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	123
11	A broad-scale assessment of the risk to coastal seagrasses from cumulative threats. <i>Marine Policy</i> , 2011, 35, 560-567.	3.2	92
12	Optimizing Allocation of Management Resources for Wildlife. <i>Conservation Biology</i> , 2007, 21, 387-399.	4.7	89
13	Dugong grazing and turtle cropping: grazing optimization in tropical seagrass systems?. <i>Oecologia</i> , 2006, 149, 635-647.	2.0	87
14	Knowledge exchange and policy influence in a marine resource governance network. <i>Global Environmental Change</i> , 2012, 22, 178-188.	7.8	87
15	Fragmentation of a Small-mammal Community by a Powerline Corridor through Tropical Rainforest. <i>Wildlife Research</i> , 1997, 24, 613.	1.4	82
16	Aerial surveys and the potential biological removal technique indicate that the Torres Strait dugong fishery is unsustainable. <i>Animal Conservation</i> , 2004, 7, 435-443.	2.9	81
17	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.	5.0	77
18	HISTORICAL MARINE POPULATION ESTIMATES: TRIGGERS OR TARGETS FOR CONSERVATION? THE DUGONG CASE STUDY. , 2005, 15, 481-492.		72

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19	Using canopy bridges to link habitat for arboreal mammals: successful trials in the Wet Tropics of Queensland. <i>Australian Mammalogy</i> , 2011, 33, 93.	1.1	69
20	Impact of Dugong grazing and turtle cropping on tropical seagrass communities. <i>Pacific Conservation Biology</i> , 1999, 5, 277.	1.0	68
21	The Role of Herbivory in Structuring Tropical Seagrass Ecosystem Service Delivery. <i>Frontiers in Plant Science</i> , 2018, 9, 127.	3.6	62
22	Satellite Tracking of Sympatric Marine Megafauna Can Inform the Biological Basis for Species Co-Management. <i>PLoS ONE</i> , 2014, 9, e98944.	2.5	61
23	Response of dugongs to boat traffic: The risk of disturbance and displacement. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 340, 50-61.	1.5	60
24	Enhancement of reproductive success through mate choice in a social rock-wallaby, <i>Petrogale assimilis</i> (Macropodidae) as revealed by microsatellite markers. <i>Behavioral Ecology and Sociobiology</i> , 1998, 43, 1-9.	1.4	59
25	Diving behaviour of dugongs, <i>Dugong dugon</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 304, 203-224.	1.5	59
26	Importance of canopy connectivity for home range and movements of the rainforest arboreal ringtail possum (<i>Hemibelideus lemuroides</i>). <i>Wildlife Research</i> , 2007, 34, 177.	1.4	58
27	Unsustainable harvest of dugongs in Torres Strait and Cape York (Australia) waters: two case studies using population viability analysis. <i>Animal Conservation</i> , 2004, 7, 417-425.	2.9	56
28	Local processes strongly influence post-bleaching benthic recovery in the Lakshadweep Islands. <i>Coral Reefs</i> , 2006, 25, 427-440.	2.2	56
29	Ecological correlates of folivore abundance in north Queensland rainforests. <i>Wildlife Research</i> , 2001, 28, 1.	1.4	54
30	Seagrass as pasture for seacows: Landscape-level dugong habitat evaluation. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 117-132.	2.1	54
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.	1.9	51
32	Dugong habitat use in relation to seagrass nutrients, tides, and diel cycles. <i>Marine Mammal Science</i> , 2010, 26, 855-879.	1.8	50
33	The Indo-Pacific Humpback Dolphin, <i>Sousa chinensis</i> (Osbeck, 1765), in Australian Waters: A Summary of Current Knowledge. <i>Aquatic Mammals</i> , 2004, 30, 197-206.	0.7	49
34	Temporal variability in the life history and reproductive biology of female dugongs in Torres Strait: The likely role of sea grass dieback. <i>Continental Shelf Research</i> , 2008, 28, 2152-2159.	1.8	46
35	The economic influence of community-based dolphin watching on a local economy in a developing country: Implications for conservation. <i>Ecological Economics</i> , 2012, 79, 11-20.	5.7	44
36	A process to design a network of marine no-take areas: Lessons from the Great Barrier Reef. <i>Ocean and Coastal Management</i> , 2009, 52, 439-447.	4.4	43

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37	A conservation strategy for dugongs: implications of Australian research. <i>Marine and Freshwater Research</i> , 1999, 50, 979.	1.3	39
38	The human dimensions of wildlife tourism in a developing country: watching spinner dolphins at Lovina, Bali, Indonesia. <i>Journal of Sustainable Tourism</i> , 2013, 21, 229-251.	9.2	39
39	Temporal changes in the abundance of some tropical intertidal seagrasses in North Queensland. <i>Aquatic Botany</i> , 1995, 49, 217-237.	1.6	38
40	Pleistocene sea level fluctuations and the phylogeography of the dugong in Australian waters. <i>Marine Mammal Science</i> , 2014, 30, 104-121.	1.8	36
41	Factors influencing the sustainability of customary dugong hunting by a remote indigenous community. <i>Environmental Conservation</i> , 2006, 33, 164-171.	1.3	35
42	Thermal Biology of Sea Snakes and Sea Kraits ¹ . <i>Integrative and Comparative Biology</i> , 2012, 52, 257-273.	2.0	33
43	Spatial mismatch between marine protected areas and dugongs in New Caledonia. <i>Biological Conservation</i> , 2015, 184, 154-162.	4.1	32
44	Changes in small mammal assemblage structure across a rain forest/open forest ecotone. <i>Journal of Tropical Ecology</i> , 1998, 14, 187-198.	1.1	30
45	EVALUATING MANAGEMENT INITIATIVES AIMED AT REDUCING THE MORTALITY OF DUGONGS IN GILL AND MESH NETS IN THE GREAT BARRIER REEF WORLD HERITAGE AREA. <i>Marine Mammal Science</i> , 2000, 16, 684-694.	1.8	30
46	Near-Infrared Reflectance Spectroscopy is a Rapid, Cost-Effective Predictor of Seagrass Nutrients. <i>Journal of Chemical Ecology</i> , 2006, 32, 1353-1365.	1.8	30
47	Incorporating dugong habitats into the marine protected area design for the Great Barrier Reef Marine Park, Queensland, Australia. <i>Ocean and Coastal Management</i> , 2008, 51, 368-375.	4.4	30
48	Re-evaluation of the sustainability of a marine mammal harvest by indigenous people using several lines of evidence. <i>Biological Conservation</i> , 2015, 192, 324-330.	4.1	28
49	New Tools to Identify the Location of Seagrass Meadows: Marine Grazers as Habitat Indicators. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	28
50	Compensating for geographic variation in detection probability with water depth improves abundance estimates of coastal marine megafauna. <i>PLoS ONE</i> , 2018, 13, e0191476.	2.5	28
51	Effects of Tidal and Diel Cycles on Dugong Habitat Use. <i>Journal of Wildlife Management</i> , 2009, 73, 45-59.	1.8	27
52	The socio-cultural benefits and costs of the traditional hunting of dugongs <i>Dugong dugon</i> and green turtles <i>Chelonia mydas</i> in Torres Strait, Australia. <i>Oryx</i> , 2018, 52, 250-261.	1.0	27
53	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.	5.5	26
54	Evidence for a postreproductive phase in female false killer whales <i>Pseudorca crassidens</i> . <i>Frontiers in Zoology</i> , 2017, 14, 30.	2.0	26

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55	COMPARISON OF THE CAPABILITIES OF DUGONGS AND WEST INDIAN MANATEES TO MASTICATE SEAGRASSES. <i>Marine Mammal Science</i> , 1999, 15, 250-255.	1.8	25
56	EXPLOITING MARINE WILDLIFE IN QUEENSLAND: THE COMMERCIAL DUGONG AND MARINE TURTLE FISHERIES, 1847â€“1969. <i>Australian Economic History Review</i> , 2008, 48, 227-265.	0.8	25
57	Improving population estimates by quantifying diving and surfacing patterns: A dugong example. <i>Marine Mammal Science</i> , 2014, 30, 348-366.	1.8	25
58	Variation in biogeochemical parameters across intertidal seagrass meadows in the central Great Barrier Reef region. <i>Marine Pollution Bulletin</i> , 2005, 51, 335-342.	5.0	24
59	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.	1.5	24
60	Adaptive management of marine mega-fauna in a changing climate. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 209-224.	2.1	24
61	False killer whales (<i>Pseudorca crassidens</i>) from Japan and South Africa: Differences in growth and reproduction. <i>Marine Mammal Science</i> , 2014, 30, 64-84.	1.8	23
62	The role of ethics in experimental marine biology and ecology. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 300, 5-14.	1.5	21
63	Attraction of dwarf minke whales <i>Balaenoptera acutorostrata</i> to vessels and swimmers in the Great Barrier Reef World Heritage Area â€“ the management challenges of an inquisitive whale. <i>Journal of Ecotourism</i> , 2011, 10, 64-76.	2.9	21
64	Informing Species Conservation at Multiple Scales Using Data Collected for Marine Mammal Stock Assessments. <i>PLoS ONE</i> , 2011, 6, e17993.	2.5	20
65	Distribution and abundance of the dugong in New Caledonia, southwest Pacific. <i>Marine Mammal Science</i> , 2008, 24, 81-90.	1.8	19
66	Abundance estimates of Irrawaddy dolphins in Chilika Lagoon, India, using photoâ€“identification based markâ€“recapture methods. <i>Marine Mammal Science</i> , 2011, 27, E338.	1.8	19
67	A low-cost solution for documenting distribution and abundance of endangered marine fauna and impacts from fisheries. <i>PLoS ONE</i> , 2017, 12, e0190021.	2.5	19
68	Preliminary studies of the venoms of some vermivorous conidae. <i>Toxicon</i> , 1970, 8, 271-277.	1.6	18
69	Discriminating between the vocalizations of Indo-Pacific humpback and Australian snubfin dolphins in Queensland, Australia. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 930-938.	1.1	18
70	Spatial and Temporal Variation in the Effects of Climatic Variables on Dugong Calf Production. <i>PLoS ONE</i> , 2016, 11, e0155675.	2.5	18
71	Exploring Discourses in Environmental Decision Making: An Indigenous Hunting Case Study. <i>Society and Natural Resources</i> , 2010, 23, 366-382.	1.9	17
72	Best Practice Framework and Principles for Monitoring the Effect of Coastal Development on Marine Mammals. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	17

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73	Marine Mammal Interactions With Fisheries: Review of Research and Management Trends Across Commercial and Small-Scale Fisheries. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	17
74	Local assessments of marine mammals in cross-cultural environments. <i>Biodiversity and Conservation</i> , 2014, 23, 3319-3338.	2.6	16
75	High Levels of Genetic Variability in an Isolated Colony of Rock-wallabies (<i>Petrogale assimilis</i>): Evidence from Three Classes of Molecular Markers. <i>Australian Journal of Zoology</i> , 1997, 45, 199.	1.0	16
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.	0.8	15
77	Minimizing errors in the analysis of dive recordings from shallow-diving animals. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 399, 173-181.	1.5	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.	1.5	15
79	Provisioning by tourists affects the behaviour but not the body condition of Mareeba rock-wallabies (<i>Petrogale mareeba</i>). <i>Wildlife Research</i> , 2004, 31, 451.	1.4	14
80	Paleoclimatology, Paleogeography, and the Evolution and Distribution of Sea Kraits (Serpentes;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.8	13
81	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.	4.4	12
82	Motivations for Sharing Bushmeat with an Urban Diaspora in Indigenous Australia. <i>Human Dimensions of Wildlife</i> , 2016, 21, 345-360.	1.8	12
83	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.	9.2	12
84	Impact of Climate Change and Loss of Habitat on Sirenians. <i>Animal Welfare</i> , 2017, , 333-357.	1.0	12
85	Dugong. , 2009, , 332-335.		11
86	The User, not the Tool: Perceptions of Credibility and Relevance Affect the Uptake of Prioritisation. <i>Environmental Management</i> , 2016, 57, 836-846.	2.7	11
87	Setting the Table: Indigenous Engagement on Environmental Issues in a Politicized Context. <i>Society and Natural Resources</i> , 2016, 29, 1263-1279.	1.9	11
88	Dugongs: Seagrass Community Specialists. , 2018, , 629-661.		11
89	Discovery of a Large Population of Dugongs off Brisbane, Australia. <i>Environmental Conservation</i> , 1978, 5, 91-92.	1.3	10
90	Ethics of field research: Do journals set the standard?. <i>Science and Engineering Ethics</i> , 1999, 5, 375-382.	2.9	10

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91	Evaluating the potential disturbance from dolphin watching in Lovina, north Bali, Indonesia. <i>Marine Mammal Science</i> , 2015, 31, 808-817.	1.8	10
92	Management of traditional hunting of dugongs [<i>Dugong dugon</i> (Müller, 1776)] in the northern Great Barrier Reef, Australia. <i>Environmental Management</i> , 1990, 14, 47-55.	2.7	9
93	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, .	2.5	9
94	Conserving Dolphins in the Mekong River. , 2009, , 363-387.		8
95	Applying Governance Principles to Systematic Conservation Decision-Making in Queensland. <i>Environmental Policy and Governance</i> , 2016, 26, 452-467.	3.7	8
96	The caseinase activity of some vermivorous cone shell venoms. <i>Toxicon</i> , 1971, 9, 63-67.	1.6	7
97	Climate and maternal effects modify sex ratios in a weakly dimorphic marsupial. <i>Behavioral Ecology and Sociobiology</i> , 2009, 64, 265-277.	1.4	7
98	Historical and Current Interactions with Humans. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022, , 299-349.	0.9	6
99	Some studies on the oxygen affinity of haemoglobin from the dugong. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1978, 61, 19-22.	0.6	5
100	Cetacean-watching in developing countries. , 2014, , 307-322.		5
101	Widespread Use of Migratory Megafauna for Aquatic Wild Meat in the Tropics and Subtropics. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	5
102	Adapting dugong catching techniques to different cultural and environmental settings. <i>Marine Mammal Science</i> , 2013, 29, 159-166.	1.8	4
103	Mapping seagrass cost-effectively in the Coral Triangle: Sabah, Malaysia as a case study. <i>Pacific Conservation Biology</i> , 2015, 21, 113.	1.0	4
104	A framework for improving the cross-jurisdictional governance of a marine migratory species. <i>Conservation Science and Practice</i> , 2019, 1, e58.	2.0	4
105	Dugong. , 2018, , 274-277.		3
106	Ecotoxicology of the Sirenia in the Twenty-First Century. , 2018, , 429-456.		3
107	Shining NIR light on ivory: A practical enforcement tool for elephant ivory identification. <i>Conservation Science and Practice</i> , 2021, 3, e486.	2.0	3
108	An ecological basis for Dugong conservation in Australia. , 1988, , 9-21.		3

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109	Diving and Foraging Behaviors. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022, , 67-100.	0.9	3
110	Structural factors influencing conservation decision-making: a case of species prioritisation in Australia. <i>Journal of Environmental Planning and Management</i> , 2017, 60, 1923-1943.	4.5	2
111	Protection of elephants and sustainable use of ivory in Thailand. <i>Oryx</i> , 0, , 1-8.	1.0	2
112	Progress Towards the Cooperative Management of Marine Hunting in the Great Barrier Reef. , 0, , 186-203.		2
113	How Might Climate Change Affect the Ethology and Behavioral Ecology of Dugongs and Manatees?. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022, , 351-406.	0.9	2
114	Eldersâ€™ Voices: Examples of Contemporary Indigenous Knowledge of Marine Mammals. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2022, , 337-374.	0.9	2
115	Marine mammals, back from the brink? <i>Contemporary conservation issues.</i> , 2014, , 322-353.		1
116	Dugongs in the Northern Territory of Australia. <i>Environmental Conservation</i> , 1979, 6, 277-277.	1.3	0
117	Plan S and publishing: reply to LehtomÃ¤ki etÃ¢l. 2019. <i>Conservation Biology</i> , 2019, 33, 1203-1204.	4.7	0
118	Marine mammal research in Australia. <i>Fisheries Science</i> , 2002, 68, 276-281.	1.6	0