

Matthew J Witt

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

7,089
citations

61984

43
h-index

62596

80
g-index

124
all docs

124
docs citations

124
times ranked

6966
citing authors

#	ARTICLE	IF	CITATIONS
1	Post release monitoring of rehabilitated gray seal pups over large temporal and spatial scales. <i>Marine Mammal Science</i> , 2022, 38, 539-556.	1.8	2
2	Fulfilling global marine commitments; lessons learned from Gabon. <i>Conservation Letters</i> , 2022, 15, .	5.7	6
3	Monitoring global fishing activity in proximity to seamounts using automatic identification systems. <i>Fish and Fisheries</i> , 2022, 23, 733-749.	5.3	8
4	Network analysis of sea turtle movements and connectivity: A tool for conservation prioritization. <i>Diversity and Distributions</i> , 2022, 28, 810-829.	4.1	16
5	Ecological niche modeling reveals manta ray distribution and conservation priority areas in the Western Central Atlantic. <i>Animal Conservation</i> , 2021, 24, 322-334.	2.9	9
6	High resolution biologging of breaching by the world's second largest shark species. <i>Scientific Reports</i> , 2021, 11, 5236.	3.3	4
7	Evidence of increased occurrence of Atlantic bluefin tuna in territorial waters of the United Kingdom and Ireland. <i>ICES Journal of Marine Science</i> , 2021, 78, 1672-1683.	2.5	3
8	Basking shark sub-surface behaviour revealed by animal-towed cameras. <i>PLoS ONE</i> , 2021, 16, e0253388.	2.5	3
9	Nation-wide assessment of the distribution and population size of the data-deficient nurse shark (<i>Ginglymostoma cirratum</i>). <i>PLoS ONE</i> , 2021, 16, e0256532.	2.5	5
10	Fishing down the reef slope: Characteristics of the nearshore deepwater fisheries of MesoAmerica. <i>Ocean and Coastal Management</i> , 2021, 211, 105773.	4.4	5
11	Shining Light on Data-Poor Coastal Fisheries. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	13
12	Benefits beyond 'features': Cooperative monitoring highlights MPA value for enhanced seabed integrity. <i>Marine Policy</i> , 2021, 134, 104801.	3.2	4
13	Development of epibenthic assemblages on artificial habitat associated with marine renewable infrastructure. <i>ICES Journal of Marine Science</i> , 2020, 77, 1178-1189.	2.5	15
14	Acoustic Complexity Index to assess benthic biodiversity of a partially protected area in the southwest of the UK. <i>Ecological Indicators</i> , 2020, 111, 106019.	6.3	13
15	Revisiting UK Marine Protected Areas governance: A case study of a collaborative approach to managing an English MPA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1829-1835.	2.0	2
16	Tracking Atlantic bluefin tuna from foraging grounds off the west coast of Ireland. <i>ICES Journal of Marine Science</i> , 2020, 77, 2066-2077.	2.5	13
17	Autonomous underwater videography and tracking of basking sharks. <i>Animal Biotelemetry</i> , 2020, 8, .	1.9	14
18	A continuous-time state-space model for rapid quality control of argos locations from animal-borne tags. <i>Movement Ecology</i> , 2020, 8, 31.	2.8	66

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19	Animal Research beyond the Laboratory: Report from a Workshop on Places Other than Licensed Establishments (POLEs) in the UK. <i>Animals</i> , 2020, 10, 1868.	2.3	3
20	Long-term insights into marine turtle sightings, strandings and captures around the UK and Ireland (1910–2018). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 869-877.	0.8	11
21	Investigating the distribution and regional occurrence of anthropogenic litter in English marine protected areas using 25 years of citizen-science beach clean data. <i>Environmental Pollution</i> , 2020, 263, 114365.	7.5	44
22	“Too Big To Ignore”: A feasibility analysis of detecting fishing events in Gabonese small-scale fisheries. <i>PLoS ONE</i> , 2020, 15, e0234091.	2.5	14
23	Spatio-temporal genetic tagging of a cosmopolitan planktivorous shark provides insight to gene flow, temporal variation and site-specific re-encounters. <i>Scientific Reports</i> , 2020, 10, 1661.	3.3	17
24	Assessing coastal artificial light and potential exposure of wildlife at a national scale: the case of marine turtles in Brazil. <i>Biodiversity and Conservation</i> , 2020, 29, 1135-1152.	2.6	17
25	Assessing the importance of Isle of Man waters for the basking shark <i>Cetorhinus maximus</i> . <i>Endangered Species Research</i> , 2020, 41, 209-223.	2.4	11
26	Predicting habitat suitability for basking sharks (<i>Cetorhinus maximus</i>) in UK waters using ensemble ecological niche modelling. <i>Journal of Sea Research</i> , 2019, 153, 101767.	1.6	22
27	Seasonal changes in basking shark vertical space use in the north-east Atlantic. <i>Marine Biology</i> , 2019, 166, 1.	1.5	11
28	Pinnipeds, people and photo identification: the implications of grey seal movements for effective management of the species. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1221-1230.	0.8	10
29	Assessing the impact of introduced infrastructure at sea with cameras: A case study for spatial scale, time and statistical power. <i>Marine Environmental Research</i> , 2019, 147, 126-137.	2.5	19
30	Using Cumulative Impact Mapping to Prioritize Marine Conservation Efforts in Equatorial Guinea. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	10
31	Using satellite AIS to improve our understanding of shipping and fill gaps in ocean observation data to support marine spatial planning. <i>Journal of Applied Ecology</i> , 2018, 55, 1834-1845.	4.0	50
32	Conflict between Dolphins and a Data-Scarce Fishery of the European Union. <i>Human Ecology</i> , 2018, 46, 423-433.	1.4	53
33	A novel approach to estimate the distribution, density and at-sea risks of a centrally-placed mobile marine vertebrate. <i>Biological Conservation</i> , 2018, 221, 246-256.	4.1	18
34	Tracking Fine-Scale Structural Changes in Coastal Dune Morphology Using Kite Aerial Photography and Uncertainty-Assessed Structure-from-Motion Photogrammetry. <i>Remote Sensing</i> , 2018, 10, 1494.	4.0	29
35	Sea turtles and survivability in demersal trawl fisheries: Do comatose olive ridley sea turtles survive post-release?. <i>Animal Biotelemetry</i> , 2018, 6, .	1.9	6
36	Basking shark breaching behaviour observations west of Shetland. <i>Marine Biodiversity Records</i> , 2018, 11, .	1.2	3

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37	Temporal patterns in habitat use by small cetaceans at an oceanographically dynamic marine renewable energy test site in the Celtic Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 141, 178-190.	1.4	17
38	Marine anthropogenic litter on British beaches: A 10-year nationwide assessment using citizen science data. <i>Science of the Total Environment</i> , 2017, 579, 1399-1409.	8.0	220
39	Free Flight Physiology: Paragliding and the Study of Extreme Altitude. <i>High Altitude Medicine and Biology</i> , 2017, 18, 90-91.	0.9	4
40	Long-term satellite tracking reveals variable seasonal migration strategies of basking sharks in the north-east Atlantic. <i>Scientific Reports</i> , 2017, 7, 42837.	3.3	61
41	Stable isotopes reveal food web dynamics of a data-poor deep-sea island slope community. <i>Food Webs</i> , 2017, 10, 22-25.	1.2	10
42	Testing the boundaries: Seasonal residency and inter-annual site fidelity of basking sharks in a proposed Marine Protected Area. <i>Biological Conservation</i> , 2017, 209, 68-75.	4.1	42
43	A first estimate of sea turtle bycatch in the industrial trawling fishery of Gabon. <i>Biodiversity and Conservation</i> , 2017, 26, 2421-2433.	2.6	25
44	Polar compounds preclude mathematical lipid correction of carbon stable isotopes in deep-water sharks. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 494, 69-74.	1.5	17
45	High altitude flights by ruddy shelduck <i>Tadorna ferruginea</i> during trans-Himalayan migrations. <i>Journal of Avian Biology</i> , 2017, 48, 1310-1315.	1.2	14
46	Spatio-temporal variation in ocean current-driven hatchling dispersion: Implications for the world's largest leatherback sea turtle nesting region. <i>Diversity and Distributions</i> , 2017, 23, 604-614.	4.1	18
47	Ecological regime shift drives declining growth rates of sea turtles throughout the West Atlantic. <i>Global Change Biology</i> , 2017, 23, 4556-4568.	9.5	59
48	Addressing Uncertainty in Marine Resource Management; Combining Community Engagement and Tracking Technology to Characterize Human Behavior. <i>Conservation Letters</i> , 2017, 10, 460-469.	5.7	38
49	Do Bar-Headed Geese Train for High Altitude Flights?. <i>Integrative and Comparative Biology</i> , 2017, 57, 240-251.	2.0	8
50	Informing Marine Protected Area Designation and Management for Nesting Olive Ridley Sea Turtles Using Satellite Tracking. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	47
51	Have Centuries of Inefficient Fishing Sustained a Wild Oyster Fishery: a Case Study. <i>Fisheries and Aquaculture Journal</i> , 2017, 08, .	0.2	0
52	Somatic growth dynamics of West Atlantic hawksbill sea turtles: a spatio-temporal perspective. <i>Ecosphere</i> , 2016, 7, e01279.	2.2	36
53	Underwater noise levels in UK waters. <i>Scientific Reports</i> , 2016, 6, 36942.	3.3	81
54	Environmental Impact Assessment: Gathering experiences from wave energy test centres in Europe. <i>International Journal of Marine Energy</i> , 2016, 14, 68-79.	1.8	15

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55	New findings about the spatial and temporal use of the Eastern Atlantic Ocean by large juvenile loggerhead turtles. <i>Diversity and Distributions</i> , 2016, 22, 481-492.	4.1	29
56	Camera technology for monitoring marine biodiversity and human impact. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 424-432.	4.0	119
57	Seabird diversity hotspot linked to ocean productivity in the Canary Current Large Marine Ecosystem. <i>Biology Letters</i> , 2016, 12, 20160024.	2.3	61
58	Behavioral evidence suggests facultative scavenging by a marine apex predator during a food pulse. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1777-1788.	1.4	30
59	Long-term underwater sound measurements in the shipping noise indicator bands 63 Hz and 125 Hz from the port of Falmouth Bay, UK. <i>Marine Pollution Bulletin</i> , 2016, 110, 438-448.	5.0	25
60	Pink sea fans (<i>Eunicella verrucosa</i>) as indicators of the spatial efficacy of Marine Protected Areas in southwest UK coastal waters. <i>Marine Policy</i> , 2016, 64, 38-45.	3.2	22
61	Underwater Sound Levels at a Wave Energy Device Testing Facility in Falmouth Bay, UK. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 331-339.	1.6	0
62	Multinational Tagging Efforts Illustrate Regional Scale of Distribution and Threats for East Pacific Green Turtles (<i>Chelonia mydas agassizii</i>). <i>PLoS ONE</i> , 2015, 10, e0116225.	2.5	19
63	Evaluating the landscape of fear between apex predatory sharks and mobile sea turtles across a large dynamic seascape. <i>Ecology</i> , 2015, 96, 2117-2126.	3.2	56
64	Going the extra mile: Ground-based monitoring of olive ridley turtles reveals Gabon hosts the largest rookery in the Atlantic. <i>Biological Conservation</i> , 2015, 190, 14-22.	4.1	26
65	Geographic and environmental drivers of fecundity in the European lobster (<i>Homarus gammarus</i>). <i>ICES Journal of Marine Science</i> , 2015, 72, i91-i100.	2.5	17
66	Measuring acoustic habitats. <i>Methods in Ecology and Evolution</i> , 2015, 6, 257-265.	5.2	359
67	Modelling the niche for a marine vertebrate: a case study incorporating behavioural plasticity, proximate threats and climate change. <i>Ecography</i> , 2015, 38, 803-812.	4.5	47
68	Big catch, little sharks: Insight into Peruvian small-scale longline fisheries. <i>Ecology and Evolution</i> , 2014, 4, 2375-2383.	1.9	30
69	Pan-Atlantic analysis of the overlap of a highly migratory species, the leatherback turtle, with pelagic longline fisheries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133065.	2.6	93
70	Cnidaria in UK coastal waters: description of spatio-temporal patterns and inter-annual variability. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1401-1408.	0.8	19
71	High rates of growth recorded for hawksbill sea turtles in <i>A</i> negada, <i>B</i> ritish <i>V</i> irgin <i>I</i> slands. <i>Ecology and Evolution</i> , 2014, 4, 1255-1266.	1.9	22
72	Satellite telemetry reveals behavioural plasticity in a green turtle population nesting in Sri Lanka. <i>Marine Biology</i> , 2013, 160, 1415-1426.	1.5	17

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73	Foraging habitats and migration corridors utilized by a recovering subpopulation of adult female loggerhead sea turtles: implications for conservation. <i>Marine Biology</i> , 2013, 160, 3071-3086.	1.5	34
74	On the front line: integrated habitat mapping for olive ridley sea turtles in the southeast Atlantic. <i>Diversity and Distributions</i> , 2013, 19, 1518-1530.	4.1	48
75	Telemetry as a tool for improving estimates of marine turtle abundance. <i>Biological Conservation</i> , 2013, 167, 90-96.	4.1	33
76	The paradox of extreme high-altitude migration in bar-headed geese (<i>Anser indicus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122114.	2.6	75
77	The evolution of viviparity opens opportunities for lizard radiation but drives it into a climatic cul-de-sac. <i>Global Ecology and Biogeography</i> , 2013, 22, 857-867.	5.8	82
78	Here today, here tomorrow: Beached timber in Gabon, a persistent threat to nesting sea turtles. <i>Biological Conservation</i> , 2013, 162, 127-132.	4.1	8
79	Leatherback turtle conservation in the Caribbean UK overseas territories: Act local, think global?. <i>Marine Policy</i> , 2013, 38, 483-490.	3.2	4
80	Using pingers to reduce bycatch of small cetaceans in Peru's small-scale driftnet fishery. <i>Oryx</i> , 2013, 47, 595-606.	1.0	59
81	Importance of spatio-temporal data for predicting the effects of climate change on marine turtle sex ratios. <i>Marine Ecology - Progress Series</i> , 2013, 488, 267-274.	1.9	34
82	Estimating sex ratios in Caribbean hawksbill turtles: testosterone levels and climate effects. <i>Aquatic Biology</i> , 2013, 18, 9-19.	1.4	13
83	Status and community-based conservation of marine turtles in the northern Querimbas Islands (Mozambique). <i>Oryx</i> , 2012, 46, 359-367.	1.0	28
84	Cetacean sightings and strandings: evidence for spatial and temporal trends? – ERRATUM. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 1821-1822.	0.8	1
85	Marine megavertebrates of Cornwall and the Isles of Scilly: relative abundance and distribution. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 1823-1833.	0.8	13
86	Migratory patterns in hawksbill turtles described by satellite tracking. <i>Marine Ecology - Progress Series</i> , 2012, 461, 223-232.	1.9	40
87	A novel projection technique to identify important at-sea areas for seabird conservation: An example using Northern gannets breeding in the North East Atlantic. <i>Biological Conservation</i> , 2012, 156, 43-52.	4.1	53
88	Assessing wave energy effects on biodiversity: the Wave Hub experience. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 502-529.	3.4	77
89	Assessing sound exposure from shipping in coastal waters using a single hydrophone and Automatic Identification System (AIS) data. <i>Marine Pollution Bulletin</i> , 2012, 64, 1320-1329.	5.0	93
90	Global analysis of satellite tracking data shows that adult green turtles are significantly aggregated in Marine Protected Areas. <i>Global Ecology and Biogeography</i> , 2012, 21, 1053-1061.	5.8	73

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91	Satellite Tracking of Manta Rays Highlights Challenges to Their Conservation. PLoS ONE, 2012, 7, e36834.	2.5	120
92	Basking sharks in the northeast Atlantic: spatio-temporal trends from sightings in UK waters. Marine Ecology - Progress Series, 2012, 459, 121-134.	1.9	34
93	Rate of egg maturation in marine turtles exhibits "universal temperature dependence". Journal of Animal Ecology, 2011, 80, 1034-1041.	2.8	20
94	Home on the range: spatial ecology of loggerhead turtles in Atlantic waters of the USA. Diversity and Distributions, 2011, 17, 624-640.	4.1	138
95	Tracking leatherback turtles from the world's largest rookery: assessing threats across the South Atlantic. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2338-2347.	2.6	75
96	Using Satellite Tracking to Optimize Protection of Long-Lived Marine Species: Olive Ridley Sea Turtle Conservation in Central Africa. PLoS ONE, 2011, 6, e19905.	2.5	124
97	Post-capture movements of loggerhead turtles in the southeastern Pacific Ocean assessed by satellite tracking. Marine Ecology - Progress Series, 2011, 433, 261-272.	1.9	18
98	Assessing accuracy and utility of satellite-tracking data using Argos-linked Fastloc-GPS. Animal Behaviour, 2010, 80, 571-581.	1.9	153
99	Potential impacts of wave-powered marine renewable energy installations on marine birds. Ibis, 2010, 152, 683-697.	1.9	67
100	Individual responses of seabirds to commercial fisheries revealed using GPS tracking, stable isotopes and vessel monitoring systems. Journal of Applied Ecology, 2010, 47, 487-497.	4.0	227
101	Unravelling migratory connectivity in marine turtles using multiple methods. Journal of Applied Ecology, 2010, 47, 769-778.	4.0	86
102	Predicting the impacts of climate change on a globally distributed species: the case of the loggerhead turtle. Journal of Experimental Biology, 2010, 213, 901-911.	1.7	165
103	Abundance, distribution and haul-out behaviour of grey seals (<i>Halichoerus grypus</i>) in Cornwall and the Isles of Scilly, UK. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 1033-1040.	0.8	16
104	Small cetacean captures in Peruvian artisanal fisheries: High despite protective legislation. Biological Conservation, 2010, 143, 136-143.	4.1	98
105	Inferring vertical and horizontal movements of juvenile marine turtles from time-depth recorders. Aquatic Biology, 2010, 8, 169-177.	1.4	29
106	Life in (and out of) the lagoon: fine-scale movements of green turtles tracked using time-depth recorders. Aquatic Biology, 2010, 9, 113-121.	1.4	23
107	First results from satellite-linked archival tagging of porbeagle shark, <i>Lamna nasus</i> : Area fidelity, wider-scale movements and plasticity in diel depth changes. Journal of Experimental Marine Biology and Ecology, 2009, 370, 64-74.	1.5	61
108	Diving behavior and movements of juvenile hawksbill turtles <i>Eretmochelys imbricata</i> on a Caribbean coral reef. Coral Reefs, 2009, 28, 55-65.	2.2	60

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109	Marine renewable energy: potential benefits to biodiversity? An urgent call for research. <i>Journal of Applied Ecology</i> , 2009, 46, 1145-1153.	4.0	327
110	Aerial surveying of the world's largest leatherback turtle rookery: A more effective methodology for large-scale monitoring. <i>Biological Conservation</i> , 2009, 142, 1719-1727.	4.1	67
111	Insights into Habitat Utilization by Green Turtles (<i>Chelonia mydas</i>) During the Inter-Nesting Period Using Animal-Borne Digital Cameras. <i>Marine Technology Society Journal</i> , 2009, 43, 51-59.	0.4	15
112	Spatio-temporal analysis of cetacean strandings and bycatch in a UK fisheries hotspot. <i>Biodiversity and Conservation</i> , 2008, 17, 2323-2338.	2.6	82
113	Scaling laws of marine predator search behaviour. <i>Nature</i> , 2008, 451, 1098-1102.	27.8	852
114	Down but not out: marine turtles of the British Virgin Islands. <i>Animal Conservation</i> , 2008, 11, 92-103.	2.9	26
115	Satellite tracking highlights difficulties in the design of effective protected areas for Critically Endangered leatherback turtles <i>Dermochelys coriacea</i> during the inter-nesting period. <i>Oryx</i> , 2008, 42, .	1.0	47
116	Satellite tracking of sea turtles: Where have we been and where do we go next?. <i>Endangered Species Research</i> , 2008, 4, 3-22.	2.4	286
117	A Step Towards Seascape Scale Conservation: Using Vessel Monitoring Systems (VMS) to Map Fishing Activity. <i>PLoS ONE</i> , 2007, 2, e1111.	2.5	132
118	Spatio-temporal patterns of juvenile marine turtle occurrence in waters of the European continental shelf. <i>Marine Biology</i> , 2007, 151, 873-885.	1.5	34
119	Prey landscapes help identify potential foraging habitats for leatherback turtles in the NE Atlantic. <i>Marine Ecology - Progress Series</i> , 2007, 337, 231-243.	1.9	81
120	Seasonal space-use estimates of basking sharks in relation to protection and political-economic zones in the North-east Atlantic. <i>Biological Conservation</i> , 2006, 132, 33-39.	4.1	39
121	Using continuous plankton recorder data. <i>Progress in Oceanography</i> , 2006, 68, 27-74.	3.2	309
122	Encounter success of free-ranging marine predator movements across a dynamic prey landscape. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1195-1201.	2.6	172
123	Diel and tidal rhythms in diving behaviour of pelagic sharks identified by signal processing of archival tagging data. <i>Marine Ecology - Progress Series</i> , 2006, 328, 205-213.	1.9	80
124	The impacts of climate change on marine turtle reproductive success. , 0, , 287-310.		6