

Steven Thomas Kessel

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,389
citations

279798

23
h-index

189892

50
g-index

53
all docs

53
docs citations

53
times ranked

3923
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic animal telemetry: A panoramic window into the underwater world. <i>Science</i> , 2015, 348, 1255642.	12.6	1,038
2	Global catches, exploitation rates, and rebuilding options for sharks. <i>Marine Policy</i> , 2013, 40, 194-204.	3.2	485
3	A review of detection range testing in aquatic passive acoustic telemetry studies. <i>Reviews in Fish Biology and Fisheries</i> , 2014, 24, 199-218.	4.9	260
4	Global status and conservation potential of reef sharks. <i>Nature</i> , 2020, 583, 801-806.	27.8	176
5	Two decades of genetic profiling yields first evidence of natal philopatry and long-term fidelity to parturition sites in sharks. <i>Molecular Ecology</i> , 2014, 23, 110-117.	3.9	139
6	Envisioning the Future of Aquatic Animal Tracking: Technology, Science, and Application. <i>BioScience</i> , 2017, 67, 884-896.	4.9	108
7	Conducting and interpreting fish telemetry studies: considerations for researchers and resource managers. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 369-400.	4.9	92
8	Effects of large-scale anthropogenic development on juvenile lemon shark (<i>Negaprion brevirostris</i>) populations of Bimini, Bahamas. <i>Environmental Biology of Fishes</i> , 2008, 83, 369-377.	1.0	78
9	Evaluation of an acoustic telemetry transmitter designed to identify predation events. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1063-1071.	5.2	69
10	Philopatry and Regional Connectivity of the Great Hammerhead Shark, <i>Sphyrna mokarran</i> in the U.S. and Bahamas. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	64
11	Movements of a deep-water fish: establishing marine fisheries management boundaries in coastal Arctic waters. <i>Ecological Applications</i> , 2017, 27, 687-704.	3.8	50
12	Divergent migration within lake sturgeon (<i>Acipenser fulvescens</i>) populations: Multiple distinct patterns exist across an unrestricted migration corridor. <i>Journal of Animal Ecology</i> , 2018, 87, 259-273.	2.8	49
13	Tonic immobility as an anaesthetic for elasmobranchs during surgical implantation procedures. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1287-1291.	1.4	45
14	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. <i>Diversity and Distributions</i> , 2019, 25, 328-345.	4.1	42
15	Conservation of reef manta rays (<i>Manta alfredi</i>) in a UNESCO World Heritage Site: Large-scale island development or sustainable tourism?. <i>PLoS ONE</i> , 2017, 12, e0185419.	2.5	42
16	Preference for nearshore and estuarine habitats in anadromous Arctic char (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1434-1445.	1.4	41
17	Close proximity detection interference with acoustic telemetry: the importance of considering tag power output in low ambient noise environments. <i>Animal Biotelemetry</i> , 2015, 3, .	1.9	39
18	Troubling issues at the frontier of animal tracking for conservation and management. <i>Conservation Biology</i> , 2017, 31, 1205-1207.	4.7	39

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19	Shipping alters the movement and behavior of Arctic cod (<i>Boreogadus saida</i>), a keystone fish in Arctic marine ecosystems. <i>Ecological Applications</i> , 2020, 30, e02050.	3.8	38
20	Distinct patterns of Arctic cod (<i>Boreogadus saida</i>) presence and absence in a shallow high Arctic embayment, revealed across open-water and ice-covered periods through acoustic telemetry. <i>Polar Biology</i> , 2016, 39, 1057-1068.	1.2	36
21	First record of living Manta alfredi—Manta birostris hybrid. <i>Marine Biodiversity</i> , 2014, 44, 1-2.	1.0	28
22	Give Shark Sanctuaries a Chance. <i>Science</i> , 2013, 339, 757-757.	12.6	27
23	Local indicators of abundance and demographics for the coastal shark assemblage of Bimini, Bahamas. <i>Fisheries Research</i> , 2018, 197, 34-44.	1.7	24
24	Mercury and persistent organic pollutants in native and invading forage species of the Canadian Arctic: Consequences for food web dynamics. <i>Environmental Pollution</i> , 2017, 229, 229-240.	7.5	23
25	Popoff data storage tags reveal niche partitioning between native and non-native predators in a novel ecosystem. <i>Journal of Applied Ecology</i> , 2020, 57, 181-191.	4.0	23
26	A Novel Framework to Protect Animal Data in a World of Ecosurveillance. <i>BioScience</i> , 2020, 70, 468-476.	4.9	22
27	Limited effects of changing prey fish communities on food quality for aquatic predators in the eastern Canadian Arctic in terms of essential fatty acids, methylmercury and selenium. <i>Chemosphere</i> , 2019, 214, 855-865.	8.2	21
28	Spatial Connectivity and Drivers of Shark Habitat Use Within a Large Marine Protected Area in the Caribbean, The Bahamas Shark Sanctuary. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	21
29	Risky business for a juvenile marine predator? Testing the influence of foraging strategies on size and growth rate under natural conditions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170166.	2.6	20
30	SCUBA diver observations and placard tags to monitor grey reef sharks, <i>Carcharhinus amblyrhynchos</i> , at Sha'ab Rumi, The Sudan: assessment and future directions. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 299-308.	0.8	19
31	Juvenile Greenland sharks <i>Somniosus microcephalus</i> (Bloch & Schneider, 1801) in the Canadian Arctic. <i>Polar Biology</i> , 2015, 38, 493-504.	1.2	19
32	The Conservation of the Greenland Shark (<i>Somniosus microcephalus</i>): Setting Scientific, Law, and Policy Coordinates for Avoiding a Species at Risk. <i>Journal of International Wildlife Law and Policy</i> , 2013, 16, 300-330.	0.5	18
33	Aerial Survey as a Tool to Estimate Abundance and Describe Distribution of a Carcharhinid Species, the Lemon Shark, <i>Negaprion brevirostris</i> . <i>Journal of Marine Biology</i> , 2013, 2013, 1-10.	1.0	18
34	Circumpolar genetic population structure of polar cod, <i>Boreogadus saida</i> . <i>Polar Biology</i> , 2020, 43, 951-961.	1.2	18
35	Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. <i>Ecology and Evolution</i> , 2020, 10, 4314-4330.	1.9	16
36	Three decades of longlining in Bimini, Bahamas, reveals long-term trends in lemon shark <i>Negaprion brevirostris</i> (<i>Carcharhinidae</i>) catch per unit effort. <i>Journal of Fish Biology</i> , 2016, 88, 2144-2156.	1.6	15

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37	Feeding ecology of a common benthic fish, shorthorn sculpin (<i>Myoxocephalus scorpius</i>) in the high arctic. <i>Polar Biology</i> , 2018, 41, 2091-2102.	1.2	15
38	Broad feeding niches of capelin and sand lance may overlap those of polar cod and other native fish in the eastern Canadian Arctic. <i>Polar Biology</i> , 2020, 43, 1707-1724.	1.2	15
39	Origins of the Greenland shark (<i>Somniosus microcephalus</i>): Impacts of iceâ€olation and introgression. <i>Ecology and Evolution</i> , 2017, 7, 8113-8125.	1.9	14
40	A field test of the use of popâ€off data storage tags in freshwater fishes. <i>Journal of Fish Biology</i> , 2017, 91, 1623-1641.	1.6	14
41	Genetic structure, population demography and seasonal occurrence of blacktip shark <i>Carcharhinus limbatus</i> in Bimini, the Bahamas. <i>Journal of Fish Biology</i> , 2015, 87, 1371-1388.	1.6	13
42	Use of navigation channels by Lake Sturgeon: Does channelization increase vulnerability of fish to ship strikes?. <i>PLoS ONE</i> , 2017, 12, e0179791.	2.5	11
43	Impact of vessel traffic on the home ranges and movement of shorthorn sculpin (<i>Myoxocephalus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo <i>Aquatic Sciences</i> , 2018, 75, 2390-2400.	1.4	10
44	Transcoelomic expulsion of an ingested foreign object by a carcharhinid shark. <i>Marine and Freshwater Research</i> , 2017, 68, 2173.	1.3	7
45	Learned hook avoidance of lemon sharks (<i>Negaprion brevirostris</i>) based on electroreception and shock treatment. <i>Marine Biology Research</i> , 2010, 6, 399-407.	0.7	5
46	Habitat use and small-scale residence patterns of sympatric sunfish species in a large temperate river. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1059-1069.	1.4	5
47	Estimated life-history traits and movements of the Caribbean reef shark (<i>Carcharhinus perezi</i>) in The Bahamas based on tag-recapture data. <i>Marine Biology</i> , 2022, 169, 1.	1.5	5
48	No apparent negative tagging effects after 13 years at liberty for lemon shark, <i>Negaprion brevirostris</i> implanted with acoustic transmitter. <i>Journal of Fish Biology</i> , 2019, 94, 173-177.	1.6	4
49	Home sweet home: spatiotemporal distribution and site fidelity of the reef manta ray (<i>Mobula alfredi</i>) in Dungonab Bay, Sudan. <i>Movement Ecology</i> , 2022, 10, 22.	2.8	4
50	Varied response of garden eels to potential predators and other large-bodied organisms. <i>Matters</i> , 0, , .	1.0	2