

Jacob W Brownscombe

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,017
citations

236912

25
h-index

289230

40
g-index

67
all docs

67
docs citations

67
times ranked

1820
citing authors

#	ARTICLE	IF	CITATIONS
1	Best practices for catch-and-release recreational fisheries " angling tools and tactics. <i>Fisheries Research</i> , 2017, 186, 693-705.	1.7	198
2	Remote bioenergetics measurements in wild fish: Opportunities and challenges. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 202, 23-37.	1.8	119
3	Recovery bags reduce post-release impairments in locomotory activity and behavior of bonefish (<i>Albula spp.</i>) following exposure to angling-related stressors. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 207-215.	1.5	102
4	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
5	The future of recreational fisheries: Advances in science, monitoring, management, and practice. <i>Fisheries Research</i> , 2019, 211, 247-255.	1.7	74
6	Canadian Recreational Fisheries: 35 Years of Social, Biological, and Economic Dynamics from a National Survey. <i>Fisheries</i> , 2014, 39, 251-260.	0.8	68
7	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	66
8	Technological innovations in the recreational fishing sector: implications for fisheries management and policy. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 253-288.	4.9	54
9	Spatiotemporal drivers of energy expenditure in a coastal marine fish. <i>Oecologia</i> , 2017, 183, 689-699.	2.0	50
10	Preparing for a changing future in recreational fisheries: 100 research questions for global consideration emerging from a horizon scan. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 137-151.	4.9	45
11	Keeping up with the Silver King: Using cooperative acoustic telemetry networks to quantify the movements of Atlantic tarpon (<i>Megalops atlanticus</i>) in the coastal waters of the southeastern United States. <i>Fisheries Research</i> , 2018, 205, 65-76.	1.7	40
12	Does Angling Technique Selectively Target Fishes Based on Their Behavioural Type?. <i>PLoS ONE</i> , 2015, 10, e0135848.	2.5	39
13	The influence of water temperature and accelerometer-determined fight intensity on physiological stress and reflex impairment of angled largemouth bass. , 2014, 2, cou057-cou057.		36
14	Fishing-Related Stressors Inhibit Refuge-Seeking Behavior in Released Subadult Great Barracuda. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 613-617.	1.4	36
15	The influence of water temperature on sockeye salmon heart rate recovery following simulated fisheries interactions. , 2017, 5, cox050.		36
16	Integrating network analysis, sensor tags, and observation to understand shark ecology and behavior. <i>Behavioral Ecology</i> , 2015, 26, 1577-1586.	2.2	35
17	Physiological stress and reflex impairment of recreationally angled bonefish in Puerto Rico. <i>Environmental Biology of Fishes</i> , 2015, 98, 2287-2295.	1.0	35
18	Making Tough Choices: Picking the Appropriate Conservation Decision-Making Tool. <i>Conservation Letters</i> , 2018, 11, e12418.	5.7	35

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19	Evaluating the consequences of catch-and-release recreational angling on golden dorado (<i>Salminus</i>) Tj ETQq1 1 0.784314 rgBT /Overfoc	1.7	32
20	A practical method to account for variation in detection range in acoustic telemetry arrays to accurately quantify the spatial ecology of aquatic animals. <i>Methods in Ecology and Evolution</i> , 2020, 11, 82-94.	5.2	32
21	Ecology of Exercise in Wild Fish: Integrating Concepts of Individual Physiological Capacity, Behavior, and Fitness Through Diverse Case Studies. <i>Integrative and Comparative Biology</i> , 2017, 57, 281-292.	2.0	32
22	Physiological and behavioural consequences of cold shock on bonefish (<i>Albula vulpes</i>) in The Bahamas. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 459, 1-7.	1.5	31
23	Fine scale spatio-temporal life history shifts in an invasive species at its expansion front. <i>Biological Invasions</i> , 2016, 18, 775-792.	2.4	31
24	Evaluating effects of catch-and-release angling on peacock bass (<i>Cichla ocellaris</i>) in a Puerto Rican reservoir: A rapid assessment approach. <i>Fisheries Research</i> , 2016, 175, 95-102.	1.7	30
25	Estimating fish swimming metrics and metabolic rates with accelerometers: the influence of sampling frequency. <i>Journal of Fish Biology</i> , 2018, 93, 207-214.	1.6	30
26	Searching for responsible and sustainable recreational fisheries in the Anthropocene. <i>Journal of Fish Biology</i> , 2019, 94, 845-856.	1.6	30
27	Consequences of Different Types of Littoral Zone Light Pollution on the Parental Care Behaviour of a Freshwater Teleost Fish. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	29
28	Stress, predators, and survival: Exploring permit (<i>Trachinotus falcatus</i>) catch-and-release fishing mortality in the Florida Keys. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 524, 151289.	1.5	28
29	Evaluation of catch-and-release angling practices for the fat snook <i>Centropomus parallelus</i> in a Brazilian estuary. <i>Ocean and Coastal Management</i> , 2015, 113, 1-7.	4.4	27
30	Swimming energetics and thermal ecology of adult bonefish (<i>Albula vulpes</i>): a combined laboratory and field study in Eleuthera, The Bahamas. <i>Environmental Biology of Fishes</i> , 2015, 98, 2133-2146.	1.0	27
31	Bridging the knowledge-action gap: A case of research rapidly impacting recreational fisheries policy. <i>Marine Policy</i> , 2019, 104, 210-215.	3.2	27
32	Post-release behaviour and survival of recreationally-angled arapaima (<i>Arapaima cf. arapaima</i>) assessed with accelerometer biologgers. <i>Fisheries Research</i> , 2018, 207, 197-203.	1.7	26
33	Collaboration and engagement produce more actionable science: quantitatively analyzing uptake of fish tracking studies. <i>Ecological Applications</i> , 2019, 29, e01943.	3.8	25
34	Bonefish in South Florida: status, threats and research needs. <i>Environmental Biology of Fishes</i> , 2019, 102, 329-348.	1.0	23
35	Cortisol treatment affects locomotor activity and swimming behaviour of male smallmouth bass engaged in paternal care: A field study using acceleration biologgers. <i>Physiology and Behavior</i> , 2017, 181, 59-68.	2.1	22
36	Fine-scale movement and activity patterns of Caribbean reef sharks (<i>Carcharhinus perezi</i>) in the Bahamas. <i>Environmental Biology of Fishes</i> , 2018, 101, 1097-1104.	1.0	22

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37	Movescapes and eco-evolutionary movement strategies in marine fish: Assessing a connectivity hotspot. <i>Fish and Fisheries</i> , 2021, 22, 1321-1344.	5.3	22
38	An appetite for invasion: digestive physiology, thermal performance, and food intake in lionfish (<i>Pterois spp.</i>). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	21
39	Environmental drivers of habitat use by a marine fish on a heterogeneous and dynamic reef flat. <i>Marine Biology</i> , 2019, 166, 1.	1.5	21
40	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
41	Factors Influencing Postrelease Predation for a Catch-and-Release Tropical Flats Fishery with a High Predator Burden. <i>North American Journal of Fisheries Management</i> , 2017, 37, 1045-1053.	1.0	20
42	Influence of Landing Net Mesh Type on Handling Time and Tissue Damage of Angled Brook Trout. <i>North American Journal of Fisheries Management</i> , 2018, 38, 76-83.	1.0	19
43	An experimental evaluation of the role of the stress axis in mediating predator-prey interactions in wild marine fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 207, 21-29.	1.8	18
44	Individual-level behavioral responses of immature green turtles to snorkeler disturbance. <i>Oecologia</i> , 2017, 183, 909-917.	2.0	17
45	Electric Fish Handling Gloves Provide Effective Immobilization and Do Not Impede Reflex Recovery of Adult Largemouth Bass. <i>North American Journal of Fisheries Management</i> , 2017, 37, 652-659.	1.0	15
46	Application of machine learning algorithms to identify cryptic reproductive habitats using diverse information sources. <i>Oecologia</i> , 2020, 194, 283-298.	2.0	15
47	Applications of telemetry to fish habitat science and management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2022, 79, 1347-1359.	1.4	15
48	Exercise intensity while hooked is associated with physiological status of longline-captured sharks. , 2018, 6, coy074.		14
49	Influence of hook type and live bait on the hooking performance of inline spinners in the context of catch-and-release brook trout <i>Salvelinus fontinalis</i> fishing in lakes. <i>Fisheries Research</i> , 2017, 186, 642-647.	1.7	12
50	The efficacy of assisted ventilation techniques for facilitating the recovery of fish that are exhausted from simulated angling stress. <i>Fisheries Research</i> , 2017, 186, 619-624.	1.7	12
51	Exploring relationships between cardiovascular activity and parental care behavior in nesting smallmouth bass: A field study using heart rate biologgers. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 234, 18-27.	1.8	12
52	Seasonal occupancy and connectivity amongst nearshore flats and reef habitats by permit <i>Trachinotus falcatus</i> : considerations for fisheries management. <i>Journal of Fish Biology</i> , 2020, 96, 469-479.	1.6	12
53	Considerations for the design and interpretation of fishing release mortality estimates. <i>Fisheries Research</i> , 2015, 167, 64-70.	1.7	10
54	An energetics-performance framework for wild fishes. <i>Journal of Fish Biology</i> , 2022, 101, 4-12.	1.6	10

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55	On the relevance of animal behavior to the management and conservation of fishes and fisheries. <i>Environmental Biology of Fishes</i> , 2023, 106, 785-810.	1.0	10
56	A comparison of juvenile bonefish diets in Eleuthera, The Bahamas, and Florida, U.S.. <i>Environmental Biology of Fishes</i> , 2019, 102, 147-157.	1.0	9
57	Application of telemetry and stable isotope analyses to inform the resource ecology and management of a marine fish. <i>Journal of Applied Ecology</i> , 2022, 59, 1110-1121.	4.0	9
58	Predator-prey landscapes of large sharks and game fishes in the Florida Keys. <i>Ecological Applications</i> , 2022, 32, e2584.	3.8	9
59	Modeling fish habitat: model tuning, fit metrics, and applications. <i>Aquatic Sciences</i> , 2021, 83, 1.	1.5	6
60	Juvenile bonefish (<i>Albula vulpes</i>) show a preference to shoal with mojarra (<i>Eucinostomus</i> spp.) in the presence of conspecifics and another gregarious co-occurring species. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 527, 151374.	1.5	5
61	Do angler experience and fishing lure characteristics influence welfare outcomes for largemouth bass?. <i>Fisheries Research</i> , 2021, 233, 105756.	1.7	5
62	A Comparison of Different Tournament Weigh-in Formats on the Short-term Postrelease Behavior of Black Bass Assessed with Biologgers. <i>North American Journal of Fisheries Management</i> , 2022, 42, 250-259.	1.0	5
63	Variation in behavioural responses of sub-tropical marine fishes to experimental longline capture. <i>ICES Journal of Marine Science</i> , 2020, 77, 2763-2775.	2.5	4
64	Do Carbonated Beverages Reduce Bleeding from Gill Injuries in Angled Northern Pike?. <i>North American Journal of Fisheries Management</i> , 2021, 41, 639-649.	1.0	2
65	Electronic Tagging and Tracking of Animals in Inland Waters. , 2022, , .		2
66	Influence of Landing Net Mesh Type on Handling Time and Tissue Damage of Angled Brook Trout. <i>North American Journal of Fisheries Management</i> , 2017, , .	1.0	0