

# Steven J Cooke

## List of Publications by Year in descending order

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Version: 2024-02-01

1,011  
papers

43,216  
citations

3159

92  
h-index

7745

150  
g-index

1042  
all docs

1042  
docs citations

1042  
times ranked

20600  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Emerging threats and persistent conservation challenges for freshwater biodiversity. <i>Biological Reviews</i> , 2019, 94, 849-873.  | 10.4 | 1,766     |
| 2  | Aquatic animal telemetry: A panoramic window into the underwater world. <i>Science</i> , 2015, 348, 1255642.   | 12.6 | 1,088     |
| 3  | Biotelemetry: a mechanistic approach to ecology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 334-343.   | 8.7  | 706       |
| 4  | Conservation physiology. <i>Trends in Ecology and Evolution</i> , 2006, 21, 38-46.   | 8.7  | 667       |
| 5  | The Role of Recreational Fishing in Global Fish Crises. <i>BioScience</i> , 2004, 54, 857.   | 4.9  | 633       |
| 6  | Bending the Curve of Global Freshwater Biodiversity Loss: An Emergency Recovery Plan. <i>BioScience</i> , 2020, 70, 330-342.   | 4.9  | 553       |
| 7  | Understanding the Complexity of Catch-and-Release in Recreational Fishing: An Integrative Synthesis of Global Knowledge from Historical, Ethical, Social, and Biological Perspectives. <i>Reviews in Fisheries Science</i> , 2007, 15, 75-167. | 2.1  | 547       |
| 8  | Contrasting recreational and commercial fishing: Searching for common issues to promote unified conservation of fisheries resources and aquatic environments. <i>Biological Conservation</i> , 2006, 128, 93-108.                              | 4.1  | 420       |
| 9  | Do we need species-specific guidelines for catch-and-release recreational angling to effectively conserve diverse fishery resources?. <i>Biodiversity and Conservation</i> , 2005, 14, 1195-1209.  | 2.6  | 365       |
| 10 | What is conservation physiology? Perspectives on an increasingly integrated and essential science. , 2013, 1, cot001-cot001.   |      | 350       |
| 11 | The future of fish passage science, engineering, and practice. <i>Fish and Fisheries</i> , 2018, 19, 340-362.  | 5.3  | 326       |
| 12 | Pacific Salmon in Hot Water: Applying Aerobic Scope Models and Biotelemetry to Predict the Success of Spawning Migrations. <i>Physiological and Biochemical Zoology</i> , 2008, 81, 697-709.   | 1.5  | 308       |
| 13 | Cold shock and fish. <i>Journal of Fish Biology</i> , 2008, 73, 1491-1530.   | 1.6  | 294       |
| 14 | The social, economic, and environmental importance of inland fish and fisheries. <i>Environmental Reviews</i> , 2016, 24, 115-121.   | 4.5  | 275       |
| 15 | Catch-and-release science and its application to conservation and management of recreational fisheries. <i>Fisheries Management and Ecology</i> , 2007, 14, 73-79.   | 2.0  | 269       |
| 16 | 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       |
| 17 | Evidence to Challenge the "2% Rule" for Biotelemetry. <i>North American Journal of Fisheries Management</i> , 1999, 19, 867-871.   | 1.0  | 249       |
| 18 | Biological carryover effects: linking common concepts and mechanisms in ecology and evolution. <i>Ecosphere</i> , 2014, 5, 1-11.   | 2.2  | 247       |

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|----|--|------|-----------|
| 19 | A comparative and evolutionary approach to oxidative stress in fish: A review. <i>Fish and Fisheries</i> , 2017, 18, 928-942.  | 5.3  | 246       |
| 20 | Biotelemetry and biologging in endangered species research and animal conservation: relevance to regional, national, and IUCN Red List threat assessments. <i>Endangered Species Research</i> , 2008, 4, 165-185.                          | 2.4  | 244       |
| 21 | “Two-Eyed Seeing”: An Indigenous framework to transform fisheries research and management. <i>Fish and Fisheries</i> , 2021, 22, 243-261.  | 5.3  | 237       |
| 22 | Acoustic telemetry and fisheries management. <i>Ecological Applications</i> , 2017, 27, 1031-1049.   | 3.8  | 232       |
| 23 | Are circle hooks an effective tool for conserving marine and freshwater recreational catch-and-release fisheries?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2004, 14, 299-326.                                      | 2.0  | 213       |
| 24 | Tracking animals in freshwater with electronic tags: past, present and future. <i>Animal Biotelemetry</i> , 2013, 1, 5.  | 1.9  | 213       |
| 25 | Physiological stress response, reflex impairment, and survival of five sympatric shark species following experimental capture and release. <i>Marine Ecology - Progress Series</i> , 2014, 496, 207-218.                                   | 1.9  | 209       |
| 26 | Advancing the surgical implantation of electronic tags in fish: a gap analysis and research agenda based on a review of trends in intracoelomic tagging effects studies. <i>Reviews in Fish Biology and Fisheries</i> , 2011, 21, 127-151. | 4.9  | 206       |
| 27 | Best practices for catch-and-release recreational fisheries “angling tools and tactics. <i>Fisheries Research</i> , 2017, 186, 693-705.  | 1.7  | 198       |
| 28 | Activity and energetics of free-swimming fish: insights from electromyogram telemetry. <i>Fish and Fisheries</i> , 2004, 5, 21-52.   | 5.3  | 186       |
| 29 | Harmonizing recreational fisheries and conservation objectives for aquatic biodiversity in inland waters. <i>Journal of Fish Biology</i> , 2010, 76, 2194-2215.  | 1.6  | 185       |
| 30 | Infectious disease, shifting climates, and opportunistic predators: cumulative factors potentially impacting wild salmon declines. <i>Evolutionary Applications</i> , 2014, 7, 812-855.  | 3.1  | 185       |
| 31 | Exposure to high temperature influences the behaviour, physiology, and survival of sockeye salmon during spawning migration. <i>Canadian Journal of Zoology</i> , 2008, 86, 127-140.   | 1.0  | 177       |
| 32 | Can fish really feel pain?. <i>Fish and Fisheries</i> , 2014, 15, 97-133.  | 5.3  | 177       |
| 33 | Genomic Signatures Predict Migration and Spawning Failure in Wild Canadian Salmon. <i>Science</i> , 2011, 331, 214-217.  | 12.6 | 176       |
| 34 | Big-data approaches lead to an increased understanding of the ecology of animal movement. <i>Science</i> , 2022, 375, eabg1780.  | 12.6 | 173       |
| 35 | Governing the recreational dimension of global fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5209-5213.   | 7.1  | 171       |
| 36 | Use of portable blood physiology point-of-care devices for basic and applied research on vertebrates: a review. , 2014, 2, cou011-cou011.  |      | 165       |

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|----|---|-----|-----------|
| 37 | Fish response to modified flow regimes in regulated rivers: research methods, effects and opportunities. <i>River Research and Applications</i> , 2008, 24, 197-217.  | 1.7 | 164       |
| 38 | Energy Landscapes and the Landscape of Fear. <i>Trends in Ecology and Evolution</i> , 2017, 32, 88-96.  | 8.7 | 161       |
| 39 | Making conservation physiology relevant to policy makers and conservation practitioners. <i>Conservation Letters</i> , 2010, 3, 159-166.  | 5.7 | 152       |
| 40 | Abnormal Migration Timing and High en route Mortality of Sockeye Salmon in the Fraser River, British Columbia. <i>Fisheries</i> , 2004, 29, 22-33.  | 0.8 | 151       |
| 41 | The physiological consequences of catch and release angling: perspectives on experimental design, interpretation, extrapolation and relevance to stakeholders. <i>Fisheries Management and Ecology</i> , 2013, 20, 268-287.                               | 2.0 | 151       |
| 42 | Behavior and mortality of caught-and-released bonefish ( <i>Albula</i> spp.) in Bahamian waters with implications for a sustainable recreational fishery. <i>Biological Conservation</i> , 2004, 118, 599-607.  | 4.1 | 149       |
| 43 | Threats, conservation strategies, and prognosis for suckers ( <i>Catostomidae</i> ) in North America: insights from regional case studies of a diverse family of non-game fishes. <i>Biological Conservation</i> , 2005, 121, 317-331.                    | 4.1 | 149       |
| 44 | Taxonomic bias and international biodiversity conservation research. <i>Facets</i> , 2017, 1, 105-113.  | 2.4 | 147       |
| 45 | Endangered river fish: factors hindering conservation and restoration. <i>Endangered Species Research</i> , 2012, 17, 179-191.  | 2.4 | 144       |
| 46 | Ecosystem Function and Services of Aquatic Predators in the Anthropocene. <i>Trends in Ecology and Evolution</i> , 2019, 34, 369-383.   | 8.7 | 143       |
| 47 | Selection for Vulnerability to Angling in Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 189-199.  | 1.4 | 142       |
| 48 | The effects of modern war and military activities on biodiversity and the environment. <i>Environmental Reviews</i> , 2015, 23, 443-460.  | 4.5 | 142       |
| 49 | On the sustainability of inland fisheries: Finding a future for the forgotten. <i>Ambio</i> , 2016, 45, 753-764.  | 5.5 | 141       |
| 50 | Effects of recreational angling on the post-release behavior and predation of bonefish ( <i>Albula</i> ) and Ecology, 2007, 346, 127-133.   | 1.5 | 138       |
| 51 | Validation of reflex indicators for measuring vitality and predicting the delayed mortality of wild coho salmon bycatch released from fishing gears. <i>Journal of Applied Ecology</i> , 2012, 49, 90-98.   | 4.0 | 138       |
| 52 | Coupling non-invasive physiological assessments with telemetry to understand inter-individual variation in behaviour and survivorship of sockeye salmon: development and validation of a technique. <i>Journal of Fish Biology</i> , 2005, 67, 1342-1358. | 1.6 | 136       |
| 53 | Conservation of Aquatic Resources through the Use of Freshwater Protected Areas: Opportunities and Challenges. <i>Biodiversity and Conservation</i> , 2007, 16, 2015-2029.  | 2.6 | 136       |
| 54 | Making connections in aquatic ecosystems with acoustic telemetry monitoring. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 565-573.   | 4.0 | 136       |

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|----|---|-----|-----------|
| 55 | The understudied and underappreciated role of predation in the mortality of fish released from fishing gears. <i>Fish and Fisheries</i> , 2014, 15, 489-505.  | 5.3 | 135       |
| 56 | Effects of river temperature and climate warming on stock-specific survival of adult migrating Fraser River sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Global Change Biology</i> , 2011, 17, 99-114.      | 9.5 | 134       |
| 57 | The Influence of Terminal Tackle on Injury, Handling Time, and Cardiac Disturbance of Rock Bass. <i>North American Journal of Fisheries Management</i> , 2001, 21, 333-342.                                     | 1.0 | 133       |
| 58 | Behavioral and physiological assessment of low concentrations of clove oil anaesthetic for handling and transporting largemouth bass ( <i>Micropterus salmoides</i> ). <i>Aquaculture</i> , 2004, 239, 509-529. | 3.5 | 133       |
| 59 | Recreational fishing selectively captures individuals with the highest fitness potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20960-20965.      | 7.1 | 133       |
| 60 | Evaluation of the interactive effects of air exposure duration and water temperature on the condition and survival of angled and released fish. <i>Fisheries Research</i> , 2007, 86, 169-178.                  | 1.7 | 132       |
| 61 | A moving targetâ€”incorporating knowledge of the spatial ecology of fish into the assessment and management of freshwater fish populations. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 239.    | 2.7 | 129       |
| 62 | Physiological Basis of Climate Change Impacts on North American Inland Fishes. <i>Fisheries</i> , 2016, 41, 332-345.  | 0.8 | 129       |
| 63 | Enhancing catchâ€”andâ€”release science with biotelemetry. <i>Fish and Fisheries</i> , 2008, 9, 79-105.   | 5.3 | 128       |
| 64 | Fish stranding in freshwater systems: Sources, consequences, and mitigation. <i>Journal of Environmental Management</i> , 2012, 103, 133-141.   | 7.8 | 128       |
| 65 | Improving the reliability of fishway attraction and passage efficiency estimates to inform fishway engineering, science, and practice. <i>Ecological Engineering</i> , 2013, 58, 123-132.                       | 3.6 | 128       |
| 66 | Physiological and Behavioral Consequences of Longâ€”Term Artificial Selection for Vulnerability to Recreational Angling in a Teleost Fish. <i>Physiological and Biochemical Zoology</i> , 2007, 80, 480-490.    | 1.5 | 127       |
| 67 | Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , 2019, 6, .   | 2.5 | 127       |
| 68 | Trends in shark bycatch research: current status and research needs. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 719-737.  | 4.9 | 126       |
| 69 | Stress Indicators in Fish. <i>Fish Physiology</i> , 2016, 35, 405-462.  | 0.8 | 126       |
| 70 | Animal welfare perspectives on recreational angling. <i>Applied Animal Behaviour Science</i> , 2007, 104, 176-198.  | 1.9 | 123       |
| 71 | Ecosystem approach to inland fisheries: research needs and implementation strategies. <i>Biology Letters</i> , 2011, 7, 481-483.  | 2.3 | 123       |
| 72 | Remote bioenergetics measurements in wild fish: Opportunities and challenges. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 202, 23-37.                 | 1.8 | 119       |

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|----|---|-----|-----------|
| 73 | Fish welfare: a challenge to the feelings-based approach, with implications for recreational fishing. <i>Fish and Fisheries</i> , 2007, 8, 57-71.   | 5.3 | 118       |
| 74 | Physiological disturbance and recovery dynamics of bonefish ( <i>Albula vulpes</i> ), a tropical marine fish, in response to variable exercise and exposure to air. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 148, 664-673. | 1.8 | 116       |
| 75 | Surgical implantation techniques for electronic tags in fish. <i>Reviews in Fish Biology and Fisheries</i> , 2011, 21, 71-81.   | 4.9 | 115       |
| 76 | FISH Out of WATER: How Much Air is Too Much?. <i>Fisheries</i> , 2015, 40, 452-461.   | 0.8 | 115       |
| 77 | Developing a Mechanistic Understanding of Fish Migrations by Linking Telemetry with Physiology, Behavior, Genomics and Experimental Biology: An Interdisciplinary Case Study on Adult Fraser River Sockeye Salmon. <i>Fisheries</i> , 2008, 33, 321-339.                                | 0.8 | 114       |
| 78 | Looking beyond the mortality of bycatch: sublethal effects of incidental capture on marine animals. <i>Biological Conservation</i> , 2014, 171, 61-72.  | 4.1 | 112       |
| 79 | Dead fish swimming: a review of research on the early migration and high premature mortality in adult Fraser River sockeye salmon <i>Oncorhynchus nerka</i> . <i>Journal of Fish Biology</i> , 2012, 81, 576-599.   | 1.6 | 110       |
| 80 | The nexus of fun and nutrition: Recreational fishing is also about food. <i>Fish and Fisheries</i> , 2018, 19, 201-224.   | 5.3 | 110       |
| 81 | Size Selectivity, Injury, Handling Time, and Determinants of Initial Hooking Mortality in Recreational Angling for Northern Pike: The Influence of Type and Size of Bait. <i>North American Journal of Fisheries Management</i> , 2008, 28, 123-134.                                    | 1.0 | 109       |
| 82 | A Synthesis of Tagging Studies Examining the Behaviour and Survival of Anadromous Salmonids in Marine Environments. <i>PLoS ONE</i> , 2012, 7, e31311.  | 2.5 | 109       |
| 83 | Effects of different capture techniques on the physiological condition of bonefish <i>Albula vulpes</i> evaluated using field diagnostic tools. <i>Journal of Fish Biology</i> , 2008, 73, 1351-1375.   | 1.6 | 108       |
| 84 | Envisioning the Future of Aquatic Animal Tracking: Technology, Science, and Application. <i>BioScience</i> , 2017, 67, 884-896.   | 4.9 | 108       |
| 85 | Conservation physiology in practice: how physiological knowledge has improved our ability to sustainably manage Pacific salmon during up-river migration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1757-1769.                         | 4.0 | 107       |
| 86 | Capture technique and fish personality: angling targets timid bluegill sunfish, <i>Lepomis macrochirus</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 749-757.   | 1.4 | 105       |
| 87 | MECHANISTIC BASIS OF INDIVIDUAL MORTALITY IN PACIFIC SALMON DURING SPAWNING MIGRATIONS. <i>Ecology</i> , 2006, 87, 1575-1586.   | 3.2 | 102       |
| 88 | Integrating physiology and life history to improve fisheries management and conservation. <i>Fish and Fisheries</i> , 2006, 7, 262-283.   | 5.3 | 102       |
| 89 | Voluntary institutions and behaviours as alternatives to formal regulations in recreational fisheries management. <i>Fish and Fisheries</i> , 2013, 14, 439-457.  | 5.3 | 102       |
| 90 | Recovery bags reduce post-release impairments in locomotory activity and behavior of bonefish ( <i>Albula</i> spp.) following exposure to angling-related stressors. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 207-215.                                    | 1.5 | 102       |

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|-----|---|-----------|-----------|
| 91  | Ecological Restoration and Physiology: An Overdue Integration. <i>BioScience</i> , 2008, 58, 957-968.   | 4.9       | 101       |
| 92  | Physiological and behavioural consequences of catch-and-release angling on northern pike ( <i>Esox</i> )  | 1.7       | 99        |
| 93  | High river temperature reduces survival of sockeye salmon ( <i>Oncorhynchus nerka</i> ) approaching spawning grounds and exacerbates female mortality. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 330-342.             | 1.4       | 99        |
| 94  | Physiology, Behavior, and Conservation. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 1-14.  | 1.5       | 99        |
| 95  | Effect of water temperature, timing, physiological condition, and lake thermal refugia on migrating adult Weaver Creek sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 70-84. | 1.4       | 96        |
| 96  | Towards resilient recreational fisheries on a global scale through improved understanding of fish and fisher behaviour. <i>Fisheries Management and Ecology</i> , 2013, 20, 91-98.  | 2.0       | 96        |
| 97  | Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175.   | 4.1       | 96        |
| 98  | Metabolic rates and swimming performance of adult Fraser River sockeye salmon ( <i>Oncorhynchus</i> )   | 1.4       | 95        |
| 99  | Context dependency of trait repeatability and its relevance for management and conservation of fish populations. , 2016, 4, cow007.   |           | 95        |
| 100 | A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , 2022, 25, 255-263.   | 6.4       | 95        |
| 101 | The effects of noise disturbance from various recreational boating activities common to inland waters on the cardiac physiology of a freshwater fish, the largemouth bass ( <i>Micropterus</i> )  | 1.0784314 | 94        |
| 102 | Personality-dependent spatial ecology occurs independently from dispersal in wild burbot ( <i>Lota lota</i> ). <i>Behavioral Ecology</i> , 2015, 26, 483-492.   | 2.2       | 94        |
| 103 | Acoustic Telemetry Reveals Large-Scale Migration Patterns of Walleye in Lake Huron. <i>PLoS ONE</i> , 2014, 9, e114833.   | 2.5       | 93        |
| 104 | Utility of biological sensor tags in animal conservation. <i>Conservation Biology</i> , 2015, 29, 1065-1075.  | 4.7       | 93        |
| 105 | What makes fish vulnerable to capture by hooks? A conceptual framework and a review of key determinants. <i>Fish and Fisheries</i> , 2017, 18, 986-1010.  | 5.3       | 92        |
| 106 | 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        |
| 107 | Inland fisheries â€“ Invisible but integral to the UN Sustainable Development Agenda for ending poverty by 2030. <i>Global Environmental Change</i> , 2017, 47, 167-173.  | 7.8       | 91        |
| 108 | Nutritional physiology and ecology of wildlife in a changing world. , 2017, 5, cox030.  |           | 91        |

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|-----|---|------|-----------|
| 109 | The consequences of angling, beach seining, and confinement on the physiology, post-release behaviour and survival of adult sockeye salmon during upriver migration. <i>Fisheries Research</i> , 2011, 108, 133-141.  | 1.7  | 90        |
| 110 | Fishway passage and post-passage mortality of upriver migrating sockeye salmon in the Seton River, British Columbia. <i>River Research and Applications</i> , 2011, 27, 693-705.  | 1.7  | 89        |
| 111 | Clear as mud: A meta-analysis on the effects of sedimentation on freshwater fish and the effectiveness of sediment-control measures. <i>Water Research</i> , 2014, 56, 190-202.   | 11.3 | 89        |
| 112 | Conservation physiology of marine fishes: state of the art and prospects for policy. , 2016, 4, cow046.   |      | 89        |
| 113 | Physiological Benefits of Being Small in a Changing World: Responses of Coho Salmon ( <i>Oncorhynchus kisutch</i> ) to an Acute Thermal Challenge and a Simulated Capture Event. <i>PLoS ONE</i> , 2012, 7, e39079.   | 2.5  | 89        |
| 114 | Physiological Significance of the Weigh-In during Live-Release Angling Tournaments for Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , 2004, 133, 1291-1303.   | 1.4  | 88        |
| 115 | Ionoregulatory changes in different populations of maturing sockeye salmon <i>Oncorhynchus nerka</i> during ocean and river migration. <i>Journal of Experimental Biology</i> , 2005, 208, 4069-4078.   | 1.7  | 87        |
| 116 | Effects of suture material on incision healing, growth and survival of juvenile largemouth bass implanted with miniature radio transmitters: case study of a novice and experienced fish surgeon. <i>Journal of Fish Biology</i> , 2003, 62, 1366-1380.                                 | 1.6  | 86        |
| 117 | Ten tips for developing interdisciplinary socio-ecological researchers. <i>Socio-Ecological Practice Research</i> , 2019, 1, 149-161.   | 1.9  | 85        |
| 118 | Effects of landing net mesh type on injury and mortality in a freshwater recreational fishery. <i>Fisheries Research</i> , 2003, 63, 275-282.   | 1.7  | 84        |
| 119 | Ocean Tracking Network Canada: A Network Approach to Addressing Critical Issues in Fisheries and Resource Management with Implications for Ocean Governance. <i>Fisheries</i> , 2011, 36, 583-592.  | 0.8  | 83        |
| 120 | Aggregations and offshore movements as indicators of spawning activity of bonefish ( <i>Albula vulpes</i> ) in The Bahamas. <i>Marine Biology</i> , 2011, 158, 1981-1999.   | 1.5  | 82        |
| 121 | Conservation physiology of animal migration. , 2016, 4, cov072.   |      | 82        |
| 122 | The conservation physiology toolbox: status and opportunities. , 2018, 6, coy029.   |      | 82        |
| 123 | A review of the effects of catch-and-release angling on black bass, <i>Micropterus</i> spp.: implications for conservation and management of populations. <i>Fisheries Management and Ecology</i> , 2007, 14, 91-101.   | 2.0  | 81        |
| 124 | Physiological and energetic correlates of en route mortality for abnormally early migrating adult sockeye salmon ( <i>Oncorhynchus nerka</i> ) in the Thompson River, British Columbia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1067-1077.                | 1.4  | 80        |
| 125 | Generation of Priority Research Questions to Inform Conservation Policy and Management at a National Level. <i>Conservation Biology</i> , 2011, 25, 476-484.  | 4.7  | 80        |
| 126 | Estimates of field activity and metabolic rates of bonefish ( <i>Albula vulpes</i> ) in coastal marine habitats using acoustic tri-axial accelerometer transmitters and intermittent-flow respirometry. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 396, 147-155. | 1.5  | 80        |



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|-----|---|-----|-----------|
| 127 | Physiology in the service of fisheries science: Why thinking mechanistically matters. <i>Reviews in Fish Biology and Fisheries</i> , 2015, 25, 425-447.   | 4.9 | 80        |
| 128 | Action Cameras: Bringing Aquatic and Fisheries Research into View. <i>Fisheries</i> , 2015, 40, 502-512.  | 0.8 | 80        |
| 129 | A roadmap for knowledge exchange and mobilization research in conservation and natural resource management. <i>Conservation Biology</i> , 2017, 31, 789-798.  | 4.7 | 80        |
| 130 | Parental care patterns and energetics of smallmouth bass ( <i>Micropterus dolomieu</i> ) and largemouth bass ( <i>Micropterus salmoides</i> ) monitored with activity transmitters. <i>Canadian Journal of Zoology</i> , 2002, 80, 756-770. | 1.0 | 79        |
| 131 | Burst Swimming in Areas of High Flow: Delayed Consequences of Anaerobiosis in Wild Adult Sockeye Salmon. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 587-598.  | 1.5 | 79        |
| 132 | Glucocorticoid manipulations in free-living animals: considerations of dose delivery, life-history context and reproductive state. <i>Functional Ecology</i> , 2016, 30, 116-125.   | 3.6 | 79        |
| 133 | Evaluating the efficacy of predator removal in a conflict-prone world. <i>Biological Conservation</i> , 2018, 224, 277-289.   | 4.1 | 79        |
| 134 | Locomotory Impairment of Nesting Male Largemouth Bass Following Catch-and-Release Angling. <i>North American Journal of Fisheries Management</i> , 2000, 20, 968-977.   | 1.0 | 78        |
| 135 | Behavioural Physiology of Fish Migrations: salmon as a model approach. <i>Fish Physiology</i> , 2005, 24, 239-295.  | 0.8 | 77        |
| 136 | Post-release mortality of bonefish, <i>Albula vulpes</i> , exposed to different handling practices during catch-and-release angling in Eleuthera, The Bahamas. <i>Fisheries Management and Ecology</i> , 2007, 14, 149-154.                 | 2.0 | 77        |
| 137 | Failure to engage the public in issues related to inland fishes and fisheries: strategies for building public and political will to promote meaningful conservation. <i>Journal of Fish Biology</i> , 2013, 83, 997-1018.                   | 1.6 | 76        |
| 138 | Global warming may disproportionately affect larger adults in a predatory coral reef fish. <i>Global Change Biology</i> , 2017, 23, 2230-2240.  | 9.5 | 76        |
| 139 | Stock assessment in inland fisheries: a foundation for sustainable use and conservation. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 405-440.  | 4.9 | 75        |
| 140 | Acoustic telemetry observation systems: challenges encountered and overcome in the Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1755-1763.   | 1.4 | 75        |
| 141 | Considerations for effective science communication. <i>Facets</i> , 2017, 2, 233-248.   | 2.4 | 75        |
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