

# Steven J Cooke

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

980

papers

30,376

citations

82

h-index

131

g-index

1,042

ext. papers

36,946

ext. citations

3.2

avg. IF

7.56

L-index

#	Paper	IF	Citations
980	Bright spots for inland fish and fisheries to guide future hydropower development <b>2022</b> , 100009		1
979	An Ecological Accounting System for Integrated Aquatic Planning and Habitat Banking with Case Study on the Toronto Waterfront, Ontario, Canada.. <i>Environmental Management</i> , <b>2022</b> , 1	3.1	1
978	Do environmental systematic reviews impact policy and practice? Author perspectives on the application of their work. <i>Environmental Science and Policy</i> , <b>2022</b> , 129, 159-167	6.2	0
977	Assessing a proponent-driven process for endangered species threat mitigation: Ontario's Endangered Species Act, American Eel, and hydropower. <i>Facets</i> , <b>2022</b> , 7, 153-173	2.3	
976	How do changes in flow magnitude due to hydropower operations affect fish abundance and biomass in temperate regions? A systematic review.. <i>Environmental Evidence</i> , <b>2022</b> , 11, 3	3.3	0
975	Impairment of branchial and coronary blood flow reduces reproductive fitness, but not cardiac performance in paternal smallmouth bass ( <i>Micropterus dolomieu</i> ).. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2022</b> , 111165	2.6	1
974	Consequences of simulated multiple catch-and-release events and different handling procedures on reflex impairment, ventilation rate, and body condition in Tor khudree. <i>Fisheries Research</i> , <b>2022</b> , 246, 106175	2.3	1
973	A more nuanced analysis of evidence-based decision-making by Canada's protected area managers: a comment on Lemieux et al. (2021). <i>Facets</i> , <b>2022</b> , 7, 1-9	2.3	1
972	Recreational fishing fight times are not correlated with physiological status of blue sharks ( <i>Prionace glauca</i> ) in the Northwestern Atlantic. <i>Fisheries Research</i> , <b>2022</b> , 248, 106220	2.3	3
971	Evaluating different hook removal gear for in-water dehooking of jaw-hooked fish captured with barbed or barbless hooks. <i>Fisheries Research</i> , <b>2022</b> , 248, 106201	2.3	0
970	Elevating the impact of conservation physiology by building a community devoted to excellence, transparency, ethics, integrity and mutual respect. <b>2022</b> , 10, coac015		
969	Evaluating the benefits and risks of social media for wildlife conservation. <i>Facets</i> , <b>2022</b> , 7, 360-397	2.3	4
968	Big-data approaches lead to an increased understanding of the ecology of animal movement.. <i>Science</i> , <b>2022</b> , 375, eabg1780	33.3	11
967	Predator-prey landscapes of large sharks and game fishes in the Florida Keys.. <i>Ecological Applications</i> , <b>2022</b> , e2584	4.9	1
966	Influence of hook barbs on the through-the-gill hook removal method for deeply hooked Smallmouth Bass. <i>Fisheries Research</i> , <b>2022</b> , 251, 106322	2.3	0
965	Social-ecological systems approaches are essential for understanding and responding to the complex impacts of COVID-19 on people and the environment <b>2022</b> , 1, e0000006		1
964	Developing a national level evidence-based toolbox for addressing freshwater biodiversity threats. <i>Biological Conservation</i> , <b>2022</b> , 269, 109533	6.2	0

963	Thermal selection and delayed migration by adult sockeye salmon ( <i>Oncorhynchus nerka</i> ) following escape from simulated in-river fisheries capture. <i>Fisheries Research</i> , <b>2022</b> , 251, 106321	2.3	
962	Learning from Indigenous knowledge holders on the state and future of wild Pacific salmon. <i>Facets</i> , <b>2022</b> , 7, 718-740	2.3	1
961	Short-term response of giant trevally ( <i>Caranx ignobilis</i> ) to capture and handling in a catch-and-release fly fishing recreational fishery, Republic of the Seychelles, Western Indian Ocean.. <i>Fisheries Research</i> , <b>2022</b> , 252, 106337	2.3	0
960	Short-term behavioural impacts of air-exposure in three species of recreationally angled freshwater fish. <i>Fisheries Research</i> , <b>2022</b> , 253, 106342	2.3	0
959	Inland Fisheries Management - Case Studies of Inland Fish <b>2022</b> , 343-354		
958	Natural Resource Managers Use and Value Western-Based Science, but Barriers to Access Persist. <i>Environmental Management</i> , <b>2021</b> , 69, 17	3.1	0
957	Frozen out: unanswered questions about winter biology. <i>Environmental Reviews</i> , <b>2021</b> , 29, 431-442	4.5	4
956	A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , <b>2021</b> ,	10	6
955	The state of Canada's biosecurity efforts to protect biodiversity from species invasions. <i>Facets</i> , <b>2021</b> , 6, 1922-1954	2.3	1
954	Emerging issues for protected and conserved areas in Canada. <i>Facets</i> , <b>2021</b> , 6, 1892-1921	2.3	0
953	Ten strategies for avoiding and overcoming authorship conflicts in academic publishing. <i>Facets</i> , <b>2021</b> , 6, 1753-1770	2.3	1
952	What is the evidence that counter-wildlife crime interventions are effective for conserving African, Asian and Latin American wildlife directly threatened by exploitation? A systematic map protocol. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12104	2.1	1
951	Social Group Size and Shelter Availability Influence Individual Metabolic Traits in a Social Fish. <i>Integrative Organismal Biology</i> , <b>2021</b> , 3, obab032	2.3	
950	Sex-specific differences in swimming, aerobic metabolism and recovery from exercise in adult coho salmon ( <i>Oncorhynchus kisutch</i> ) across ecologically relevant temperatures <b>2021</b> , 9, coab016		2
949	The role of western-based scientific, Indigenous and local knowledge in wildlife management and conservation. <i>People and Nature</i> , <b>2021</b> , 3, 610-626	5.9	8
948	Action research to improve water quality in Canada's Rideau Canal: how do local groups reshape environmental governance?. <i>Local Environment</i> , <b>2021</b> , 26, 575-594	3.3	4
947	Speed of sound gradients due to summer thermal stratification can reduce the detection range of acoustic fish tags: results from a field study in Hamilton Harbour, Ontario. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 269-285	2.4	1
946	Mentoring and Leadership in Aquatic Field Sciences During Unjust, Unsettling, Unpredictable, and Unprecedented Times. <i>Fisheries</i> , <b>2021</b> , 46, 261-265	1.1	

945	A bright spot analysis of inland recreational fisheries in the face of climate change: learning about adaptation from small successes. <i>Reviews in Fish Biology and Fisheries</i> , <b>2021</b> , 31, 181-200	6	5
944	Air-breathing ecology of Arapaima sp.: Conservation implications for an imperilled fish. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2021</b> , 31, 1257	2.6	0
943	Key information needs to move from knowledge to action for biodiversity conservation in Canada. <i>Biological Conservation</i> , <b>2021</b> , 256, 108983	6.2	11
942	Contemporary authorship guidelines fail to recognize diverse contributions in conservation science research. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12060	2.1	15
941	Modeling fish habitat: model tuning, fit metrics, and applications. <i>Aquatic Sciences</i> , <b>2021</b> , 83, 1	2.5	4
940	How do natural changes in flow magnitude affect fish abundance and diversity in temperate regions? A systematic review protocol. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12079	2.1	2
939	A Local Analgesic, Lidocaine, Did Not Affect Short-Term Welfare during Electroanesthesia of a Teleost Fish. <i>Transactions of the American Fisheries Society</i> , <b>2021</b> , 150, 477-489	1.7	
938	The effects of nutritional state, sex and body size on the marine migration behaviour of sea trout. <i>Marine Ecology - Progress Series</i> , <b>2021</b> , 665, 185-200	2.6	4
937	An optimistic outlook on the use of evidence syntheses to inform environmental decision-making. <i>Conservation Science and Practice</i> , <b>2021</b> , 3, e426	2.2	7
936	Weaving Indigenous knowledge systems and Western sciences in terrestrial research, monitoring and management in Canada: A protocol for a systematic map. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12057	2.1	6
935	Nine Maxims for the Ecology of Cold-Climate Winters. <i>BioScience</i> , <b>2021</b> , 71, 820-830	5.7	14
934	Life-history strategies in salmonids: the role of physiology and its consequences. <i>Biological Reviews</i> , <b>2021</b> , 96, 2304-2320	13.5	4
933	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , <b>2021</b> , 263, 109175	6.2	20
932	Antibiotic resistance genes in the aquaculture sector: global reports and research gaps. <i>Environmental Reviews</i> , <b>2021</b> , 29, 300-314	4.5	
931	Elevated cortisol lowers thermal tolerance but results in limited cardiac remodelling in rainbow trout ( <i>Oncorhynchus mykiss</i> ) experiencing chronic social stress. <i>Journal of Experimental Biology</i> , <b>2021</b> , 224,	3	2
930	Field assessments of heart rate dynamics during spawning migration of wild and hatchery-reared Chinook salmon. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200214	5.8	4
929	Ten considerations for conservation policy makers for the post-COVID-19 transition. <i>Environmental Reviews</i> , <b>2021</b> , 29, 111-118	4.5	2
928	Exceptionally high mortality of adult female salmon: a large-scale pattern and a conservation concern. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 639-654	2.4	6

927	Acting in the face of evidentiary ambiguity, bias, and absence arising from systematic reviews in applied environmental science. <i>Science of the Total Environment</i> , <b>2021</b> , 775, 145122	10.2	6
926	Mobilizing practitioners to support the Emergency Recovery Plan for freshwater biodiversity. <i>Conservation Science and Practice</i> , <b>2021</b> , 3, e467	2.2	3
925	Movescapes and eco-evolutionary movement strategies in marine fish: Assessing a connectivity hotspot. <i>Fish and Fisheries</i> , <b>2021</b> , 22, 1321	6	3
924	Drivers of pro-environmental behaviours among outdoor recreationists: The case of a recreational fishery in Western Canada. <i>Journal of Environmental Management</i> , <b>2021</b> , 289, 112366	7.9	1
923	Supporting Actionable Science for Environmental Policy: Advice for Funding Agencies From Decision Makers. <i>Frontiers in Conservation Science</i> , <b>2021</b> , 2,	0	3
922	Bridging Indigenous and Western sciences in freshwater research, monitoring, and management in Canada. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12085	2.1	3
921	A role for lakes in revealing the nature of animal movement using high dimensional telemetry systems. <i>Movement Ecology</i> , <b>2021</b> , 9, 40	4.6	4
920	Upper Thermal Tolerance Indicated by CT Fails to Predict Migration Strategy and Timing, Growth, and Predation Vulnerability in Juvenile Brown Trout (). <i>Physiological and Biochemical Zoology</i> , <b>2021</b> , 94, 215-227	2	0
919	Hydropower intake-induced fish entrainment risk zone analysis. <i>Canadian Journal of Civil Engineering</i> , <b>2021</b> , 48, 284-297	1.3	0
918	Angler interactions with American eel ( <i>Anguilla rostrata</i> ): Exploring perspectives and behaviors toward an imperiled fish. <i>Fisheries Research</i> , <b>2021</b> , 234, 105781	2.3	0
917	Knowledge co-production: A pathway to effective fisheries management, conservation, and governance. <i>Fisheries</i> , <b>2021</b> , 46, 89-97	1.1	28
916	Two-Eyed Seeing An Indigenous framework to transform fisheries research and management. <i>Fish and Fisheries</i> , <b>2021</b> , 22, 243-261	6	74
915	Do angler experience and fishing lure characteristics influence welfare outcomes for largemouth bass?. <i>Fisheries Research</i> , <b>2021</b> , 233, 105756	2.3	2
914	Overcoming barriers to transfer of scientific knowledge: integrating biotelemetry into fisheries management in the Laurentian Great Lakes. <i>Socio-Ecological Practice Research</i> , <b>2021</b> , 3, 17-36	3	4
913	Recreational fisheries activities and management in national parks: A global perspective. <i>Journal for Nature Conservation</i> , <b>2021</b> , 59, 125948	2.3	3
912	Does shelter influence the metabolic traits of a teleost fish?. <i>Journal of Fish Biology</i> , <b>2021</b> , 98, 1242-1252	1.9	3
911	Fisheries science and marine education catalyze the renaissance of traditional management (rahui) to improve an artisanal fishery in French Polynesia. <i>Marine Policy</i> , <b>2021</b> , 123, 104291	3.5	7
910	Can You Fish in a Pandemic? An Overview of Recreational Fishing Management Policies in North America During the COVID-19 Crisis. <i>Fisheries</i> , <b>2021</b> , 46, 81-85	1.1	6

909	The various ways that anadromous salmonids use lake habitats to complete their life history. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 90-100	2.4	5
908	A case for restoring unity between biotelemetry and bio-logging to enhance animal tracking research. <i>Facets</i> , <b>2021</b> , 6, 1260-1265	2.3	1
907	Exploiting common senses: sensory ecology meets wildlife conservation and management <b>2021</b> , 9, coab002		7
906	Conservation physiology and the COVID-19 pandemic <b>2021</b> , 9, coaa139		4
905	Understanding and avoiding misplaced efforts in conservation. <i>Facets</i> , <b>2021</b> , 6, 252-271	2.3	12
904	The second warning to humanity: contributions and solutions from conservation physiology <b>2021</b> , 9,		6
903	One hundred research questions in conservation physiology for generating actionable evidence to inform conservation policy and practice <b>2021</b> , 9, coab009		9
902	Ten principles for generating accessible and useable COVID-19 environmental science and a fit-for-purpose evidence base. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12041	2.1	5
901	A global perspective on the influence of the COVID-19 pandemic on freshwater fish biodiversity. <i>Biological Conservation</i> , <b>2021</b> , 253, 108932	6.2	26
900	Fixing the Canadian Species at Risk Act: identifying major issues and recommendations for increasing accountability and efficiency. <i>Facets</i> , <b>2021</b> , 6, 1474-1494	2.3	4
899	Training future generations to deliver evidence-based conservation and ecosystem management. <i>Ecological Solutions and Evidence</i> , <b>2021</b> , 2, e12032	2.1	10
898	Researcher perspectives on challenges and opportunities in conservation physiology revealed from an online survey <b>2021</b> , 9, coab030		1
897	Does Artificial Light at Night Alter the Subsequent Diurnal Behavior of a Teleost Fish?. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	3
896	Stewardship and management of freshwater ecosystems: From Leopold's land ethic to a freshwater ethic. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2021</b> , 31, 1499	2.6	1
895	Physiological Consequences of Different Fishing Tournament Culling Methods on Largemouth Bass. <i>North American Journal of Fisheries Management</i> , <b>2021</b> , 41, 26-34	1.1	
894	Technological innovations in the recreational fishing sector: implications for fisheries management and policy. <i>Reviews in Fish Biology and Fisheries</i> , <b>2021</b> , 31, 1-36	6	16
893	Shifting baselines and social license to operate: Challenges in communicating sea lamprey control. <i>Journal of Great Lakes Research</i> , <b>2021</b> , 47, S800-S800	3	12
892	Do Carbonated Beverages Reduce Bleeding from Gill Injuries in Angled Northern Pike?. <i>North American Journal of Fisheries Management</i> , <b>2021</b> , 41, 639-649	1.1	0

891	Global assessment of marine and freshwater recreational fish reveals mismatch in climate change vulnerability and conservation effort. <i>Global Change Biology</i> , <b>2021</b> , 27, 4799-4824	11.4	2
890	Twenty-five essential research questions to inform the protection and restoration of freshwater biodiversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2021</b> , 31, 2632-2653	2.6	11
889	Efficacy of dehooking tools for the removal of hooks from the jaw region of angled fish. <i>Fisheries Research</i> , <b>2021</b> , 240, 105965	2.3	3
888	Large sharks exhibit varying behavioral responses to major hurricanes. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 256, 107373	2.9	1
887	A Simple Chamber Design for Calibrating Weiss Saturometers and Recommendations for Measuring and Reporting Total Dissolved Gases. <i>Water Resources Research</i> , <b>2021</b> , 57, e2020WR029083	5.4	0
886	COVID-19 restrictions and recreational fisheries in Ontario, Canada: Preliminary insights from an online angler survey. <i>Fisheries Research</i> , <b>2021</b> , 240, 105961	2.3	8
885	Disease ecology of wild fish: opportunities and challenges for linking infection metrics with behaviour, condition, and survival. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 995-1007 <sup>2.4</sup>	2.4	4
884	On the theory-practice gap in the environmental realm: perspectives from and for diverse environmental professionals. <i>Socio-Ecological Practice Research</i> , <b>2021</b> , 3, 243-255	3	7
883	Dispersal Patterns of Largemouth Bass and Smallmouth Bass Following Early-, Mid-, and Late-Season Fishing Tournaments in an Eastern Ontario Lake. <i>North American Journal of Fisheries Management</i> , <b>2021</b> , 41, 1454	1.1	0
882	The lack of avoidance of total dissolved gas supersaturation in juvenile rainbow trout. <i>Hydrobiologia</i> , <b>2021</b> , 848, 4837-4850	2.4	1
881	Cooperative monitoring program for a catch-and-release recreational fishery in the Alphonse Island group, Seychelles: From data deficiencies to the foundation for science and management.. <i>Ocean and Coastal Management</i> , <b>2021</b> , 210, 105681	3.9	0
880	What evidence exists for evaluating the effectiveness of conservation-oriented captive breeding and release programs for imperilled freshwater fishes and mussels?1. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 1332-1346	2.4	2
879	Closing the knowledge-action gap in conservation with open science. <i>Conservation Biology</i> , <b>2021</b> ,	6	1
878	Approaches and research needs for advancing the protection and recovery of imperilled freshwater fishes and mussels in Canada1. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 1356-1370	2.4	3
877	No Evidence for Long-Term Carryover Effects in a Wild Salmonid Fish. <i>Physiological and Biochemical Zoology</i> , <b>2021</b> , 94, 319-329	2	
876	Global trends in aquatic animal tracking with acoustic telemetry. <i>Trends in Ecology and Evolution</i> , <b>2021</b> ,	10.9	3
875	Serial sampling reveals temperature associated response in transcription profiles and shifts in condition and infectious agent communities in wild Atlantic salmon. <i>Freshwater Biology</i> , <b>2021</b> , 66, 2086	3.1	0
874	Physiological biomarkers and fisheries management. <i>Reviews in Fish Biology and Fisheries</i> , <b>2021</b> , 31, 797	6	5

873	Hook retention but not hooking injury is associated with behavioral differences in Bluegill. <i>Fisheries Research</i> , <b>2021</b> , 242, 106034	2.3	0
872	Influence of artificial lure hook type on hooking characteristics, handling, and injury of angled freshwater gamefish. <i>Fisheries Research</i> , <b>2021</b> , 243, 106056	2.3	2
871	Fisheries knowledge exchange and mobilization through a network of policy and practice actors. <i>Environmental Science and Policy</i> , <b>2021</b> , 125, 157-166	6.2	2
870	Ice-fishing handling practices and their effects on the short-term post-release behaviour of Largemouth bass. <i>Fisheries Research</i> , <b>2021</b> , 243, 106084	2.3	3
869	Using untapped telemetry data to explore the winter biology of freshwater fish. <i>Reviews in Fish Biology and Fisheries</i> , <b>2021</b> , 31, 115-134	6	4
868	Avoiding wasted research resources in conservation science. <i>Conservation Science and Practice</i> , <b>2021</b> , 3, e329	2.2	8
867	Survey-Derived Angler Characteristics and Perspectives in the Shore-Based Shark Fishery in Florida. <i>Marine and Coastal Fisheries</i> , <b>2021</b> , 13, 693-711	1.6	0
866	Stranded Kokanee Salvaged from Turbine Intake Infrastructure Are at Low Risk for Reentrainment: A Telemetry Study in a Hydropower Facility Forebay. <i>North American Journal of Fisheries Management</i> , <b>2020</b> , 40, 1545-1552	1.1	1
865	Reflections on the influence of a synthesis of circle-hook evidence on the angling community and conservation policy and practice. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2020</b> , 30, 1747-1752 <sup>1</sup>	2.6	7
864	Freshwater turtle bycatch research supports science-based fisheries management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2020</b> , 30, 1783-1790	2.6	2
863	Integrating season-specific needs of migratory and resident birds in conservation planning. <i>Biological Conservation</i> , <b>2020</b> , 252, 108826	6.2	5
862	Hook disgorgers remove deep hooks but kill fish: A plea for cutting the line. <i>Fisheries Management and Ecology</i> , <b>2020</b> , 27, 622-627	1.8	4
861	Habitat-dependent outdoor recreation and conservation organizations can enable recreational fishers to contribute to conservation of coastal marine ecosystems. <i>Global Ecology and Conservation</i> , <b>2020</b> , 24, e01342	2.8	1
860	Informing conservation decisions through evidence synthesis and communication <b>2020</b> , 114-128		7
859	A Novel Framework to Protect Animal Data in a World of Ecosurveillance. <i>BioScience</i> , <b>2020</b> , 70, 468-476	5.7	11
858	Reframing conservation physiology to be more inclusive, integrative, relevant and forward-looking: reflections and a horizon scan <b>2020</b> , 8, coaa016		13
857	World Fish Migration Day Connects Fish, Rivers, and People [From a One-Day Event to a Broader Social Movement. <i>Fisheries</i> , <b>2020</b> , 45, 465-474	1.1	5
856	Maxed Out: Optimizing Accuracy, Precision, and Power for Field Measures of Maximum Metabolic Rate in Fishes. <i>Physiological and Biochemical Zoology</i> , <b>2020</b> , 93, 243-254	2	14



855	Bacterial communities on the gills of bonefish ( <i>Albula vulpes</i> ) in the Florida Keys and The Bahamas show spatial structure and differential abundance of disease-associated bacteria. <i>Marine Biology</i> , <b>2020</b> , 167, 1	2.5	1
854	Knowledge Gaps and Management Priorities for Recreational Fisheries in the Developing World. <i>Reviews in Fisheries Science and Aquaculture</i> , <b>2020</b> , 28, 518-535	8.3	6
853	COVID-19 and biodiversity: The paradox of cleaner rivers and elevated extinction risk to iconic fish species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2020</b> , 30, 1061-1062	2.6	27
852	What are the effects of flow-regime changes on fish productivity in temperate regions? A systematic map. <i>Environmental Evidence</i> , <b>2020</b> , 9,	3.3	12
851	Conservation Challenges to Freshwater Ecosystems <b>2020</b> , 270-278		4
850	Micro-Fishing as an Emerging Form of Recreational Angling: Research Gaps and Policy Considerations. <i>Fisheries</i> , <b>2020</b> , 45, 517-521	1.1	3
849	Water resource development and sturgeon ( <i>Acipenseridae</i> ): state of the science and research gaps related to fish passage, entrainment, impingement and behavioural guidance. <i>Reviews in Fish Biology and Fisheries</i> , <b>2020</b> , 30, 219-244	6	10
848	Best practices for non-lethal blood sampling of fish via the caudal vasculature. <i>Journal of Fish Biology</i> , <b>2020</b> , 97, 4-15	1.9	31
847	How do changes in flow magnitude due to hydroelectric power production affect fish abundance and diversity in temperate regions? A systematic review protocol. <i>Environmental Evidence</i> , <b>2020</b> , 9,	3.3	4
846	Reduced lactate dehydrogenase activity in the heart and suppressed sex hormone levels are associated with female-biased mortality during thermal stress in Pacific salmon. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,	3	2
845	Handling, infectious agents and physiological condition influence survival and post-release behaviour in migratory adult coho salmon after experimental displacement <b>2020</b> , 8, coaa033		5
844	What are the relative risks of mortality and injury for fish during downstream passage at hydroelectric dams in temperate regions? A systematic review. <i>Environmental Evidence</i> , <b>2020</b> , 9,	3.3	25
843	The Value of Experimental Approaches in Migration Biology. <i>Physiological and Biochemical Zoology</i> , <b>2020</b> , 93, 210-226	2	4
842	Linking individual physiological indicators to the productivity of fish populations: A case study of Atlantic herring. <i>Ecological Indicators</i> , <b>2020</b> , 113, 106146	5.8	14
841	Cardiac Performance of Free-Swimming Wild Sockeye Salmon during the Reproductive Period. <i>Integrative Organismal Biology</i> , <b>2020</b> , 2, obz031	2.3	3
840	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> , <b>2020</b> , 30, 137-151	6	22
839	Bending the Curve of Global Freshwater Biodiversity Loss: An Emergency Recovery Plan. <i>BioScience</i> , <b>2020</b> , 70, 330-342	5.7	196
838	Revealing migration and reproductive habitat of invasive fish under an active population suppression program. <i>Conservation Science and Practice</i> , <b>2020</b> , 2, e119	2.2	4

837	A Brief History of Fisheries in Canada. <i>Fisheries</i> , <b>2020</b> , 45, 303-318	1.1	4
836	Is repeatability of metabolic rate influenced by social separation? A test with a teleost fish. <i>Biology Letters</i> , <b>2020</b> , 16, 20190825	3.6	3
835	InFish:. <i>Fisheries</i> , <b>2020</b> , 45, 319-326	1.1	1
834	A comparison of turbine entrainment rates and seasonal entrainment vulnerability of two sympatric char species, bull trout and lake trout, in a hydropower reservoir. <i>River Research and Applications</i> , <b>2020</b> , 36, 1033-1045	2.3	2
833	Going the Distance: Influence of Distance Between Boat Noise and Nest Site on the Behavior of Paternal Smallmouth Bass. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	3
832	Envisioning the scientific paper of the future. <i>Facets</i> , <b>2020</b> , 5, 1-16	2.3	8
831	Diverse perspectives on interdisciplinarity from Members of the College of the Royal Society of Canada. <i>Facets</i> , <b>2020</b> , 5, 138-165	2.3	9
830	Artificial light at night does not alter heart rate or locomotor behaviour in Caribbean spiny lobster ( <i>Libinia</i> ): insights into light pollution and physiological disturbance using biologgers <b>2020</b> , 8, coaa097		2
829	Exposure to boat noise in the field yields minimal stress response in wild reef fish. <i>Aquatic Biology</i> , <b>2020</b> , 29, 93-103	2	8
828	Does catch-and-release angling pose a threat to American eel? A hooking mortality experiment. <i>Endangered Species Research</i> , <b>2020</b> , 41, 1-6	2.5	3
827	Open government data and environmental science: a federal Canadian perspective. <i>Facets</i> , <b>2020</b> , 5, 942-962	2.6	4
826	Fish Welfare in Recreational Fishing. <i>Animal Welfare</i> , <b>2020</b> , 463-485	1	2
825	Overcoming the concrete conquest of aquatic ecosystems. <i>Biological Conservation</i> , <b>2020</b> , 247, 108589	6.2	9
824	Behaviour including fish migration. <b>2020</b> , 125-135		1
823	"Consulted to death": Personal stress as a major barrier to environmental co-management. <i>Journal of Environmental Management</i> , <b>2020</b> , 254, 109820	7.9	9
822	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> , <b>2020</b> , 11, 82-94	7.7	13
821	Examining progress towards achieving the Ten Steps of the Rome Declaration on Responsible Inland Fisheries. <i>Fish and Fisheries</i> , <b>2020</b> , 21, 190-203	6	6
820	Spatiotemporal ecology of juvenile Muskellunge ( <i>Esox masquinongy</i> ) and Northern Pike ( <i>Esox lucius</i> ) in upper St. Lawrence River nursery bays during their inaugural fall and winter. <i>Ecology of Freshwater Fish</i> , <b>2020</b> , 29, 346-363	2.1	1

819	Predation risk mediates cognitive constraints following physical exertion in schoolmaster snapper. <i>Physiology and Behavior</i> , <b>2020</b> , 214, 112767	3.5	1
818	Comparative Behavior of Wild Bluegill Captured Inside and Outside of a Long-Standing Aquatic Protected Area. <i>Transactions of the American Fisheries Society</i> , <b>2020</b> , 149, 174-183	1.7	1
817	Linking environmental factors with reflex action mortality predictors, physiological stress, and post-release movement behaviour to evaluate the response of white sturgeon ( <i>Acipenser transmontanus</i> Richardson, 1836) to catch-and-release angling. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2020</b> , 240, 110618	2.6	8
816	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> , <b>2020</b> , 524, 151289	2.1	10
815	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> , <b>2020</b> , 96, 469-479	1.9	6
814	On Improved Care of Black Bass During Live-Release Competitive Angling Events [Recent Innovations and Associated Research Needs. <i>Fisheries</i> , <b>2020</b> , 45, 178-183	1.1	5
813	Horizon scan of conservation issues for inland waters in Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2020</b> , 77, 869-881	2.4	5
812	Population dynamics of roundjaw bonefish <i>Albula glossodonta</i> at a remote coralline Atoll inform community-based management in an artisanal fishery. <i>Fisheries Management and Ecology</i> , <b>2020</b> , 27, 200-214	1.8	3
811	Conservation genomics from a practitioner lens: Evaluating the research-implementation gap in a managed freshwater fishery. <i>Biological Conservation</i> , <b>2020</b> , 241, 108350	6.2	10
810	Potential changes to the biology and challenges to the management of invasive sea lamprey <i>Petromyzon marinus</i> in the Laurentian Great Lakes due to climate change. <i>Global Change Biology</i> , <b>2020</b> , 26, 1118-1137	11.4	15
809	On Success in applied environmental research [What is it, how can it be achieved, and how does one know when it has been achieved?. <i>Environmental Reviews</i> , <b>2020</b> , 28, 357-372	4.5	19
808	Half of resources in threatened species conservation plans are allocated to research and monitoring. <i>Nature Communications</i> , <b>2020</b> , 11, 4668	17.4	22
807	Pragmatic animal welfare is independent of feelings. <i>Science</i> , <b>2020</b> , 370, 180	33.3	1
806	On the conservation value of historic canals for aquatic ecosystems. <i>Biological Conservation</i> , <b>2020</b> , 251, 108764	6.2	10
805	Variation in behavioural responses of sub-tropical marine fishes to experimental longline capture. <i>ICES Journal of Marine Science</i> , <b>2020</b> , 77, 2763-2775	2.7	1
804	Application of machine learning algorithms to identify cryptic reproductive habitats using diverse information sources. <i>Oecologia</i> , <b>2020</b> , 194, 283-298	2.9	7
803	Assessing the sublethal impacts of anthropogenic stressors on fish: An energy-budget approach. <i>Fish and Fisheries</i> , <b>2020</b> , 21, 1034-1045	6	5
802	The spawning migrations of an exploited Albulid in the tropical Pacific: implications for conservation and community-based management. <i>Environmental Biology of Fishes</i> , <b>2020</b> , 103, 1013-1031	1.6	5

801	Using an integrative research approach to improve fish migrations in regulated rivers: a case study on Pacific Salmon in the Seton River, Canada. <i>Hydrobiologia</i> , <b>2020</b> , 1	2.4	3
800	Adult Sockeye Salmon Gastrically Tagged Near Spawning Grounds Exhibit Lower Survival Rates throughout the Spawning Period than Externally Tagged Conspecifics. <i>North American Journal of Fisheries Management</i> , <b>2020</b> , 40, 939-951	1.1	1
799	Ecological consequences of shoreline armoring on littoral fish and benthic macroinvertebrate communities in an Eastern Ontario lake. <i>Aquatic Sciences</i> , <b>2020</b> , 82, 1	2.5	1
798	Sex-specific differences in physiological recovery and short-term behaviour following fisheries capture in adult sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2020</b> , 77, 1749-1757	2.4	6
797	Extent of injury and mortality arising from entrainment of fish through a Very Low Head hydropower turbine in central Ontario, Canada. <i>Hydrobiologia</i> , <b>2020</b> , 1	2.4	3
796	Hook Avoidance Induced by Private and Social Learning in Common Carp. <i>Transactions of the American Fisheries Society</i> , <b>2020</b> , 149, 498-511	1.7	4
795	A meta-analysis of gas bubble trauma in fish. <i>Fish and Fisheries</i> , <b>2020</b> , 21, 1175-1194	6	12
794	Understanding gas bubble trauma in an era of hydropower expansion: how do fish compensate at depth?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2020</b> , 77, 556-563	2.4	12
793	Low connectivity between sympatric populations of sunfish ecotypes suggests ecological opportunity contributes to diversification. <i>Evolutionary Ecology</i> , <b>2020</b> , 34, 391-410	1.8	5
792	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> , <b>2020</b> , 527, 151374	2.1	0
791	Toward a better understanding of freshwater fish responses to an increasingly drought-stricken world. <i>Reviews in Fish Biology and Fisheries</i> , <b>2019</b> , 29, 71-92	6	38
790	Coloured LED light as a potential behavioural guidance tool for age 0 and 2 year walleye <i>Sander vitreus</i> . <i>Journal of Fish Biology</i> , <b>2019</b> , 95, 1249-1256	1.9	3
789	Environmental sciences benefit from robust evidence irrespective of speed. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 134000	10.2	7
788	Spatial ecology of reintroduced walleye ( <i>Sander vitreus</i> ) in Hamilton Harbour of Lake Ontario. <i>Journal of Great Lakes Research</i> , <b>2019</b> , 45, 167-175	3	8
787	Cumulative Effects of Thermal and Fisheries Stressors Reveal Sex-Specific Effects on Infection Development and Early Mortality of Adult Coho Salmon (). <i>Physiological and Biochemical Zoology</i> , <b>2019</b> , 92, 505-529	2	15
786	Scaling from individual physiological measures to population-level demographic change: Case studies and future directions for conservation management. <i>Biological Conservation</i> , <b>2019</b> , 238, 108242	6.2	20
785	A multi-methods approach supports the effective management and conservation of coastal marine recreational flats fisheries. <i>Environmental Biology of Fishes</i> , <b>2019</b> , 102, 105-115	1.6	7
784	Consequences of Fishery Gear Type and Handling Practices on Capture and Release of Wild Steelhead on the Bulkley River. <i>North American Journal of Fisheries Management</i> , <b>2019</b> , 39, 254-269	1.1	1

783	Cortisol does not increase risk of mortality to predation in juvenile bluegill sunfish: A manipulative experimental field study. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , <b>2019</b> , 331, 253-261	1.9	5
782	The Ocean Tracking Network: Advancing frontiers in aquatic science and management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 1041-1051	2.4	13
781	A characterization of Australian shortfin mako shark anglers. <i>Marine Policy</i> , <b>2019</b> , 110, 103550	3.5	2
780	Partial dam removal restores passage for a threatened salmonid. <i>River Research and Applications</i> , <b>2019</b> , 35, 669	2.3	1
779	The effectiveness of spawning habitat creation or enhancement for substrate-spawning temperate fish: a systematic review. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	14
778	Chronic Plasma Cortisol Elevation Does Not Promote Riskier Behavior in a Teleost Fish: A Test of the Behavioral Resiliency Hypothesis. <i>Integrative Organismal Biology</i> , <b>2019</b> , 1, obz009	2.3	4
777	Collaboration and engagement produce more actionable science: quantitatively analyzing uptake of fish tracking studies. <i>Ecological Applications</i> , <b>2019</b> , 29, e01943	4.9	14
776	Individual differences exceed species differences in the movements of a river fish community. <i>Behavioral Ecology</i> , <b>2019</b> , 30, 1289-1297	2.3	10
775	Fishing for conservation of freshwater tropical fishes in the Anthropocene. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2019</b> , 29, 1039-1051	2.6	9
774	Effects of sound exposure from a seismic airgun on heart rate, acceleration and depth use in free-swimming Atlantic cod and saithe <b>2019</b> , 7, coz020		18
773	Evaluation of Tag Retention, Healing, Growth, and Behavior in Age-0 Muskellunge Following Acoustic Transmitter Implantation. <i>North American Journal of Fisheries Management</i> , <b>2019</b> , 39, 652-663	1.1	6
772	Conducting and interpreting fish telemetry studies: considerations for researchers and resource managers. <i>Reviews in Fish Biology and Fisheries</i> , <b>2019</b> , 29, 369-400	6	46
771	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 &amp; Integrative Physiology</i> , <b>2019</b> , 234, 18-27	2.6	8
770	Mahseer ( <i>Tor</i> spp.) fishes of the world: status, challenges and opportunities for conservation. <i>Reviews in Fish Biology and Fisheries</i> , <b>2019</b> , 29, 417-452	6	28
769	Motivation and harvesting behaviour of fishers in a specialized fishery targeting a top predator species at risk. <i>People and Nature</i> , <b>2019</b> , 1, 44-58	5.9	6
768	Can conservation targets for imperilled freshwater fishes and mussels be achieved by captive breeding and release programs? A systematic map protocol to determine available evidence. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	2
767	Bridging Indigenous and science-based knowledge in coastal-marine research, monitoring, and management in Canada: a systematic map protocol. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	10
766	Biologging in combination with biotelemetry reveals behavior of Atlantic salmon following exposure to capture and handling stressors. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 2176-2183	2.4	2

765	Opinion: Governing the recreational dimension of global fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5209-5213	11.5	79
764	Bridging the knowledge-action gap: A case of research rapidly impacting recreational fisheries policy. <i>Marine Policy</i> , <b>2019</b> , 104, 210-215	3.5	15
763	Ecosystem Function and Services of Aquatic Predators in the Anthropocene. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 369-383	10.9	69
762	Consequences of winter air exposure on walleye ( <i>Sander vitreus</i> ) physiology and impairment following a simulated ice-angling event. <i>Fisheries Research</i> , <b>2019</b> , 215, 106-113	2.3	5
761	Evidence of the impacts of metal mining and the effectiveness of mining mitigation measures on social-ecological systems in Arctic and boreal regions: a systematic map protocol. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	19
760	Turbine entrainment and passage of potadromous fish through hydropower dams: Developing conceptual frameworks and metrics for moving beyond turbine passage mortality. <i>Fish and Fisheries</i> , <b>2019</b> , 20, 403-418	6	14
759	Current and emerging statistical techniques for aquatic telemetry data: A guide to analysing spatially discrete animal detections. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 935-948	7.7	16
758	Searching for responsible and sustainable recreational fisheries in the Anthropocene. <i>Journal of Fish Biology</i> , <b>2019</b> , 94, 845-856	1.9	16
757	Optimizing marine spatial plans with animal tracking data. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 497-509	2.4	14
756	Ontogenetic patterns in resource use dynamics of bonefish ( <i>Albula vulpes</i> ) in the Bahamas. <i>Environmental Biology of Fishes</i> , <b>2019</b> , 102, 117-127	1.6	9
755	Welfare of aquatic animals: where things are, where they are going, and what it means for research, aquaculture, recreational angling, and commercial fishing. <i>ICES Journal of Marine Science</i> , <b>2019</b> , 76, 82-92	2.7	42
754	Biotelemetry informing management: case studies exploring successful integration of biotelemetry data into fisheries and habitat management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 1238-1252	2.4	27
753	Impacts of Channel Morphodynamics on Fish Habitat Utilization. <i>Environmental Management</i> , <b>2019</b> , 64, 272-286	3.1	2
752	Aquatic Predators Influence Micronutrients: Important but Understudied. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 882-883	10.9	4
751	Ten tips for developing interdisciplinary socio-ecological researchers. <i>Socio-Ecological Practice Research</i> , <b>2019</b> , 1, 149-161	3	33
750	Cortisol modulates metabolism and energy mobilization in wild-caught pumpkinseed ( <i>Lepomis gibbosus</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2019</b> , 45, 1813-1828	2.7	9
749	Animal-Borne Telemetry: An Integral Component of the Ocean Observing Toolkit. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	60
748	Experimental evaluation of the effect of a light-emitting diode device on Chinook salmon smolt entrainment in a simulated river. <i>Hydrobiologia</i> , <b>2019</b> , 841, 191-203	2.4	3

747	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	32
746	Effects of predator exposure on baseline and stress-induced glucocorticoid hormone concentrations in pumpkinseed <i>Lepomis gibbosus</i> . <i>Journal of Fish Biology</i> , <b>2019</b> , 95, 969-973	1.9	4
745	Evidence of fish spillover from freshwater protected areas in lakes of eastern Ontario. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2019</b> , 29, 1106-1122	2.6	5
744	We have a long way to go if we want to realize the promise of the Decade on Ecosystem Restoration. <i>Conservation Science and Practice</i> , <b>2019</b> , 1, e129	2.2	21
743	Comment: Practices for Drawing Blood Samples from Teleost Fish. <i>North American Journal of Aquaculture</i> , <b>2019</b> , 81, 424-426	1.5	4
742	Quantitative assessment of fish passage efficiency at a vertical-slot fishway on the Daduhe River in Southwest China. <i>Ecological Engineering</i> , <b>2019</b> , 141, 105597	3.9	7
741	An appetite for invasion: digestive physiology, thermal performance and food intake in lionfish ( spp.). <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	9
740	Telemetry reveals limited exchange of walleye between Lake Erie and Lake Huron: Movement of two populations through the Huron-Erie corridor. <i>Journal of Great Lakes Research</i> , <b>2019</b> , 45, 1241-1250	3	5
739	Twenty actions for a Good Anthropocene. Perspectives from early-career conservation professionals. <i>Environmental Reviews</i> , <b>2019</b> , 1-10	4.5	4
738	Substantial impacts of subsistence fishing on the population status of an Endangered reef predator at a remote coral atoll. <i>Endangered Species Research</i> , <b>2019</b> , 38, 135-145	2.5	5
737	Using Transdisciplinary Research Solutions to Support Governance in Inland Fisheries. <i>MARE Publication Series</i> , <b>2019</b> , 341-355	0.7	0
736	Evidence of a hydraulically challenging reach serving as a barrier for the upstream migration of infection-burdened adult steelhead <b>2019</b> , 7, coz023		2
735	On the variable effects of climate change on Pacific salmon. <i>Ecological Modelling</i> , <b>2019</b> , 397, 95-106	3	6
734	Immediate physiological and behavioural response from catch-and-release of wild white sturgeon ( <i>Acipenser transmontanus</i> Richardson, 1836). <i>Fisheries Research</i> , <b>2019</b> , 214, 65-75	2.3	5
733	Cortisol predicts migration timing and success in both Atlantic salmon and sea trout kelts. <i>Scientific Reports</i> , <b>2019</b> , 9, 2422	4.9	15
732	Bonefish in South Florida: status, threats and research needs. <i>Environmental Biology of Fishes</i> , <b>2019</b> , 102, 329-348	1.6	12
731	Bridging Indigenous and science-based knowledge in coastal and marine research, monitoring, and management in Canada. <i>Environmental Evidence</i> , <b>2019</b> , 8,	3.3	10
730	On the Electroimmobilization of Fishes for Research and Practice: Opportunities, Challenges, and Research Needs. <i>Fisheries</i> , <b>2019</b> , 44, 576-585	1.1	17

729	Length-Based Assessment of an Artisanal Albulid Fishery in the South Pacific: a Data-Limited Approach for Management and Conservation. <i>Marine and Coastal Fisheries</i> , <b>2019</b> , 11, 519-534	1.6	4
728	Reflections on the Legends of Canadian Fisheries Science and Management. <i>Fisheries</i> , <b>2019</b> , 44, 534-538	1.1	1
727	Physiological consequences of varying large shark exposure on striped bass ( <i>Morone saxatilis</i> ). <i>Canadian Journal of Zoology</i> , <b>2019</b> , 97, 1195-1202	1.5	2
726	Flexibility, variability and constraint in energy management patterns across vertebrate taxa revealed by long-term heart rate measurements. <i>Functional Ecology</i> , <b>2019</b> , 33, 260-272	5.6	17
725	Sub-lethal responses of mahseer ( <i>Tor khudree</i> ) to catch-and-release recreational angling. <i>Fisheries Research</i> , <b>2019</b> , 211, 231-237	2.3	3
724	Emerging threats and persistent conservation challenges for freshwater biodiversity. <i>Biological Reviews</i> , <b>2019</b> , 94, 849-873	13.5	807
723	Telemetry reveals the movement, fate, and lure-shedding of northern pike ( <i>Esox lucius</i> ) that break the line and escape recreational fisheries capture. <i>Fisheries Research</i> , <b>2019</b> , 211, 176-182	2.3	3
722	From frustration to fruition in applied conservation research and practice: ten revelations. <i>Socio-Ecological Practice Research</i> , <b>2019</b> , 1, 15-23	3	12
721	Environmental drivers of habitat use by a marine fish on a heterogeneous and dynamic reef flat. <i>Marine Biology</i> , <b>2019</b> , 166, 1	2.5	14
720	Ontogeny of light avoidance in juvenile lake sturgeon. <i>Journal of Applied Ichthyology</i> , <b>2019</b> , 35, 202-209	0.9	8
719	The future of recreational fisheries: Advances in science, monitoring, management, and practice. <i>Fisheries Research</i> , <b>2019</b> , 211, 247-255	2.3	36
718	A synthesis to understand responses to capture stressors among fish discarded from commercial fisheries and options for mitigating their severity. <i>Fish and Fisheries</i> , <b>2019</b> , 20, 25-43	6	17
717	Dermal injuries caused by purse seine capture result in lasting physiological disturbances in coho salmon. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2019</b> , 227, 75-83	2.6	4
716	The effectiveness of non-native fish removal techniques in freshwater ecosystems: a systematic review. <i>Environmental Reviews</i> , <b>2019</b> , 27, 71-94	4.5	38
715	What is Usable Knowledge? Perceived barriers for integrating new knowledge into management of an iconic Canadian fishery. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 463-474	2.4	23
714	A macrophysiology approach to watershed science and management. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 434-440	10.2	3
713	Keepemwet Fishing: An emerging social brand for disseminating best practices for catch-and-release in recreational fisheries. <i>Fisheries Research</i> , <b>2018</b> , 205, 52-56	2.3	24
712	Embracing Disruptive New Science? Biotelemetry Meets Co-Management in Canada's Fraser River. <i>Fisheries</i> , <b>2018</b> , 43, 51-60	1.1	11



711	Do artificial velocity refuges mitigate the physiological and behavioural consequences of hydropeaking on a freshwater Iberian cyprinid?. <i>Ecohydrology</i> , <b>2018</b> , 11, e1983	2.5	16
710	Integrating reflexes with physiological measures to evaluate coastal shark stress response to capture. <i>ICES Journal of Marine Science</i> , <b>2018</b> , 75, 796-804	2.7	18
709	Short-term Physiological Response Profiles of Tagged Migrating Adult Sockeye Salmon: A Comparison of Gastric Insertion and External Tagging Methods. <i>Transactions of the American Fisheries Society</i> , <b>2018</b> , 147, 300-315	1.7	9
708	Making Tough Choices: Picking the Appropriate Conservation Decision-Making Tool. <i>Conservation Letters</i> , <b>2018</b> , 11, e12418	6.9	18
707	Population-specific mortality in coho salmon ( <i>Oncorhynchus kisutch</i> ) released from a purse seine fishery. <i>ICES Journal of Marine Science</i> , <b>2018</b> , 75, 309-318	2.7	6
706	Does behavioural thermoregulation underlie seasonal movements in Lake Erie walleye?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 488-496	2.4	26
705	Influence of suprphysiological cortisol manipulation on predator avoidance behaviors and physiological responses to a predation threat in a wild marine teleost fish. <i>Integrative Zoology</i> , <b>2018</b> , 13, 206-218	1.9	7
704	Acoustic telemetry observation systems: challenges encountered and overcome in the Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 1755-1763	2.4	44
703	A physiological perspective on fisheries-induced evolution. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 561-576	4.8	39
702	Evidence-based restoration in the Anthropocene from acting with purpose to acting for impact. <i>Restoration Ecology</i> , <b>2018</b> , 26, 201-205	3.1	24
701	Assessing the potential for using low-frequency electric deterrent barriers to reduce lake sturgeon ( <i>Acipenser fulvescens</i> ) entrainment. <i>Hydrobiologia</i> , <b>2018</b> , 813, 223-235	2.4	1
700	Are 3 minutes good enough for obtaining baseline physiological samples from teleost fish?. <i>Canadian Journal of Zoology</i> , <b>2018</b> , 96, 774-786	1.5	42
699	Salty stories, fresh spaces: Lessons for aquatic protected areas from marine and freshwater experiences. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2018</b> , 28, 485-500	2.6	12
698	Comparing Immobilization, Recovery, and Stress Indicators Associated with Electric Fish Handling Gloves and a Portable Electrostatic System. <i>Transactions of the American Fisheries Society</i> , <b>2018</b> , 147, 390-399	1.7	10
697	Intracoelomic Implantation of Transmitters in Longnose Gar. <i>Transactions of the American Fisheries Society</i> , <b>2018</b> , 147, 704-710	1.7	2
696	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> , <b>2018</b> , 205, 65-76	2.3	24
695	The Postrelease Survival of Walleyes Following Ice-Angling on Lake Nipissing, Ontario. <i>North American Journal of Fisheries Management</i> , <b>2018</b> , 38, 159-169	1.1	11
694	Influence of Landing Net Mesh Type on Handling Time and Tissue Damage of Angled Brook Trout. <i>North American Journal of Fisheries Management</i> , <b>2018</b> , 38, 76-83	1.1	10

693	The future of fish passage science, engineering, and practice. <i>Fish and Fisheries</i> , <b>2018</b> , 19, 340-362	6	203
692	National attention to endangered wildlife is not affected by global endangerment: A case study of Canada's species at risk program. <i>Environmental Science and Policy</i> , <b>2018</b> , 84, 74-79	6.2	10
691	Transcriptome patterns and blood physiology associated with homing success of sockeye salmon during their final stage of marine migration. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 1511-1524	2.4	10
690	Preferences of age-0 white sturgeon for different colours and strobe rates of LED lights may inform behavioural guidance strategies. <i>Environmental Biology of Fishes</i> , <b>2018</b> , 101, 667-674	1.6	12
689	Spawning site fidelity and apparent annual survival of walleye ( <i>Sander vitreus</i> ) differ between a Lake Huron and Lake Erie tributary. <i>Ecology of Freshwater Fish</i> , <b>2018</b> , 27, 339-349	2.1	25
688	Fine-scale movement and activity patterns of Caribbean reef sharks ( <i>Carcharhinus perezi</i> ) in the Bahamas. <i>Environmental Biology of Fishes</i> , <b>2018</b> , 101, 1097-1104	1.6	15
687	The nexus of fun and nutrition: Recreational fishing is also about food. <i>Fish and Fisheries</i> , <b>2018</b> , 19, 201-204		70
686	N-acetylcysteine manipulation fails to elicit an increase in glutathione in a teleost model. <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 137-142	2.7	1
685	Niche separation, ontogeny, and heterospecific alarm responses in centrarchid sunfish. <i>Behavioral Ecology</i> , <b>2018</b> , 29, 862-868	2.3	6
684	Estimating fish swimming metrics and metabolic rates with accelerometers: the influence of sampling frequency. <i>Journal of Fish Biology</i> , <b>2018</b> , 93, 207-214	1.9	15
683	Behavioural guidance of Chinook salmon smolts: the variable effects of LED spectral wavelength and strobing frequency <b>2018</b> , 6, coy032		5
682	Intersectorality in the governance of inland fisheries. <i>Ecology and Society</i> , <b>2018</b> , 23,	4.1	13
681	Experimental capture and handling of chum salmon reveal thresholds in injury, impairment, and physiology: Best practices to improve bycatch survival in a purse seine fishery. <i>Fisheries Research</i> , <b>2018</b> , 206, 96-108	2.3	5
680	Peer pressure on the riverbank: Assessing catch-and-release anglers' willingness to sanction others' (bad) behavior. <i>Journal of Environmental Management</i> , <b>2018</b> , 219, 252-259	7.9	11
679	The Influence of Sex, Parasitism, and Ontogeny on the Physiological Response of European Eels ( <i>Anguilla anguilla</i> ) to an Abiotic Stressor. <i>Physiological and Biochemical Zoology</i> , <b>2018</b> , 91, 976-986	2	3
678	Location-specific consequences of beach seine and gillnet capture on upriver-migrating sockeye salmon migration behavior and fate. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 2011-2023	2.4	14
677	Relationship of baseline and maximum glucocorticoid concentrations to migration propensity: a field test with wild subadult brown trout ( <i>Salmo trutta</i> ). <i>Canadian Journal of Zoology</i> , <b>2018</b> , 96, 1346-1352	1.5	2
676	Does experimental cortisol elevation mediate risk-taking and antipredator behaviour in a wild teleost fish?. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2018</b> , 226, 75-82	2.6	7

675	Assessing occupancy of freshwater fishes in urban boat slips of Toronto Harbour. <i>Aquatic Ecosystem Health and Management</i> , <b>2018</b> , 21, 331-341	1.4	6
674	Bioenergetic consequences of warming rivers to adult Atlantic salmon <i>Salmo salar</i> during their spawning migration. <i>Freshwater Biology</i> , <b>2018</b> , 63, 1381-1393	3.1	15
673	Post-release behaviour and survival of recreationally-angled arapaima ( <i>Arapaima cf. arapaima</i> ) assessed with accelerometer biologgers. <i>Fisheries Research</i> , <b>2018</b> , 207, 197-203	2.3	17
672	Evaluating the efficacy of predator removal in a conflict-prone world. <i>Biological Conservation</i> , <b>2018</b> , 224, 277-289	6.2	47
671	Behavioural guidance of yellow-stage American eel <i>Anguilla rostrata</i> with a light-emitting diode device. <i>Endangered Species Research</i> , <b>2018</b> , 35, 159-168	2.5	10
670	Comparison of vegetable shortening and cocoa butter as vehicles for cortisol manipulation in <i>Salmo trutta</i> . <i>Journal of Fish Biology</i> , <b>2018</b> , 92, 229-236	1.9	3
669	Applying a knowledge-action framework for navigating barriers to incorporating telemetry science into fisheries management and conservation: a qualitative study. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 1733-1743	2.4	17
668	Application of Miniature Heart Rate Data Loggers for Use in Large Free-Moving Decapod Crustaceans: Method Development and Validation. <i>Physiological and Biochemical Zoology</i> , <b>2018</b> , 91, 731-739		17
667	Tracking bowfin with acoustic telemetry: Insight into the ecology of a living fossil. <i>Ecology of Freshwater Fish</i> , <b>2018</b> , 27, 225-236	2.1	4
666	Exercise intensity while hooked is associated with physiological status of longline-captured sharks <b>2018</b> , 6, coy074		9
665	Short-Term Physiological Disruption and Reflex Impairment in Shortnose Sturgeon Exposed to Catch-and-Release Angling. <i>North American Journal of Fisheries Management</i> , <b>2018</b> , 38, 1075-1084	1.1	7
664	Temperature regimes, growth, and food consumption for female and male adult walleye in Lake Huron and Lake Erie: a bioenergetics analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2018</b> , 75, 1573-1586	2.4	11
663	Predicted impacts of climate warming on aerobic performance and upper thermal tolerance of six tropical freshwater fishes spanning three continents <b>2018</b> , 6, coy056		17
662	Water circulation in Toronto Harbour. <i>Aquatic Ecosystem Health and Management</i> , <b>2018</b> , 21, 234-244	1.4	11
661	What is the effect of prescribed burning in temperate and boreal forest on biodiversity, beyond pyrophilous and saproxylic species? A systematic review. <i>Environmental Evidence</i> , <b>2018</b> , 7,	3.3	17
660	Biotic and abiotic determinants of the ascent behaviour of adult Atlantic salmon transiting passable waterfalls. <i>River Research and Applications</i> , <b>2018</b> , 34, 907-917	2.3	4
659	European eel <i>Anguilla anguilla</i> compromise speed for safety in the early marine spawning migration. <i>ICES Journal of Marine Science</i> , <b>2018</b> , 75, 1984-1991	2.7	6
658	Observations of Mudpuppy ( <i>Necturus maculosus</i> ) bycatch in a recreational ice fishery in northern Ontario. <i>Canadian Field-Naturalist</i> , <b>2018</b> , 132, 61-66	0.8	2

657	Swim for it: Effects of simulated fisheries capture on the post-release behaviour of four Great Barrier Reef fishes. <i>Fisheries Research</i> , <b>2018</b> , 206, 129-137	2.3	11
656	Does motor noise from recreational boats alter parental care behaviour of a nesting freshwater fish?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2018</b> , 28, 969-978	2.6	13
655	Consequences of catch-and-release angling on the physiology, behaviour and survival of wild steelhead <i>Oncorhynchus mykiss</i> in the Bulkley River, British Columbia. <i>Fisheries Research</i> , <b>2018</b> , 206, 235-246	2.3	14
654	The conservation physiology toolbox: status and opportunities <b>2018</b> , 6, coy029		60
653	Exposure to elevated carbon dioxide does not impair short-term swimming behaviour or shelter-seeking in a predatory coral-reef fish. <i>Journal of Fish Biology</i> , <b>2018</b> , 93, 138-142	1.9	4
652	Best practices for catch-and-release recreational fisheries angling tools and tactics. <i>Fisheries Research</i> , <b>2017</b> , 186, 693-705	2.3	116
651	Consequences of oral lure retention on the physiology and behaviour of adult northern pike ( <i>Esox lucius</i> L.). <i>Fisheries Research</i> , <b>2017</b> , 186, 601-611	2.3	16
650	Capture-induced stress in deep-water Arctic fish species. <i>Polar Biology</i> , <b>2017</b> , 40, 213-220	2	12
649	Do intracoelomic telemetry transmitters alter the post-release behaviour of migratory fish?. <i>Ecology of Freshwater Fish</i> , <b>2017</b> , 26, 292-300	2.1	12
648	Does capture method or the presence of aquatic protected areas influence the selective harvest of behavioural types in largemouth bass?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2017</b> , 74, 1151-1157	2.4	12
647	Problems with equating thermal preference with 'emotional fever' and sentience: comment on 'Fish can show emotional fever: stress-induced hyperthermia in zebrafish' by Rey et al. (2015). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	4
646	Do protected areas mitigate the effects of fisheries-induced evolution on parental care behaviour of a teleost fish?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2017</b> , 27, 789-796	2.6	14
645	Parental Care in a Stressful World: Experimentally Elevated Cortisol and Brood Size Manipulation Influence Nest Success Probability and Nest-Tending Behavior in a Wild Teleost Fish. <i>Physiological and Biochemical Zoology</i> , <b>2017</b> , 90, 85-95	2	14
644	Troubling issues at the frontier of animal tracking for conservation and management. <i>Conservation Biology</i> , <b>2017</b> , 31, 1205-1207	6	26
643	To share or not to share in the emerging era of big data: perspectives from fish telemetry researchers on data sharing. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2017</b> , 74, 1260-1274	2.4	32
642	Spatiotemporal drivers of energy expenditure in a coastal marine fish. <i>Oecologia</i> , <b>2017</b> , 183, 689-699	2.9	35
641	Size-Dependent Consequences of Exogenous Cortisol Manipulation on Overwinter Survival and Condition of Largemouth Bass. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , <b>2017</b> , 327, 5-17	1.9	1
640	Pan-Holarctic assessment of post-release mortality of angled Atlantic salmon <i>Salmo salar</i> . <i>Biological Conservation</i> , <b>2017</b> , 209, 150-158	6.2	11

639	Short-term and long-term effects of transient exogenous cortisol manipulation on oxidative stress in juvenile brown trout. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 1693-1700	3	19
638	Grand Challenges in the Management and Conservation of North American Inland Fishes and Fisheries. <i>Fisheries</i> , <b>2017</b> , 42, 115-124	1.1	15
637	Pumpkinseed sunfish ( <i>Lepomis gibbosus</i> ) from littoral and limnetic habitats differ in stress responsiveness independent of environmental complexity and presence of conspecifics. <i>Canadian Journal of Zoology</i> , <b>2017</b> , 95, 193-202	1.5	3
636	A Call for Evidence-Based Conservation and Management of Fisheries and Aquatic Resources. <i>Fisheries</i> , <b>2017</b> , 42, 143-149	1.1	23
635	A comparative and evolutionary approach to oxidative stress in fish: A review. <i>Fish and Fisheries</i> , <b>2017</b> , 18, 928-942	6	130
634	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 &amp; Integrative Physiology</i> , <b>2017</b> , 207, 21-29	2.6	12
633	Activity syndromes and metabolism in giant deep-sea isopods. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2017</b> , 121, 237-244	2.5	4
632	What makes fish vulnerable to capture by hooks? A conceptual framework and a review of key determinants. <i>Fish and Fisheries</i> , <b>2017</b> , 18, 986-1010	6	63
631	Temporally stable and distinct fish assemblages between stream and earthen stormwater drain reaches in an urban watershed. <i>Urban Ecosystems</i> , <b>2017</b> , 20, 1045-1055	2.8	1
630	Comparison of the Behavioral Consequences and Recovery Patterns of Largemouth Bass Exposed to MS-222 or Electroanesthesia. <i>Transactions of the American Fisheries Society</i> , <b>2017</b> , 146, 556-566	1.7	12
629	If and when: intrinsic differences and environmental stressors influence migration in brown trout ( <i>Salmo trutta</i> ). <i>Oecologia</i> , <b>2017</b> , 184, 375-384	2.9	19
628	Oxidative ecology of paternal care in wild smallmouth bass. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 1905-1914	3	1
627	Social cues may advertise habitat quality to refuge-seeking conspecifics. <i>Canadian Journal of Zoology</i> , <b>2017</b> , 95, 1-5	1.5	4
626	Effects of temperature acclimation on the critical thermal limits and swimming performance of <i>Brachymystax lenok tsinlingensis</i> : a threatened fish in Qinling Mountain region of China. <i>Ecological Research</i> , <b>2017</b> , 32, 61-70	1.9	9
625	Taxonomic bias and international biodiversity conservation research. <i>Facets</i> , <b>2017</b> , 1, 105-113	2.3	94
624	Partial diel migration: A facultative migration underpinned by long-term inter-individual variation. <i>Journal of Animal Ecology</i> , <b>2017</b> , 86, 1246-1256	4.7	7
623	Designing a global assessment of climate change on inland fishes and fisheries: knowns and needs. <i>Reviews in Fish Biology and Fisheries</i> , <b>2017</b> , 27, 393-409	6	18
622	Evaluating riverine hydrokinetic turbine operations relative to the spatial ecology of wild fishes. <i>Journal of Ecohydraulics</i> , <b>2017</b> , 2, 53-67	1.3	3

621	Diel habitat use patterns of a marine apex predator (tiger shark, <i>Galeocerdo cuvier</i> ) at a high use area exposed to dive tourism. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2017</b> , 495, 24-34	2.1	23
620	Angling into the Future: Ten Commandments for Recreational Fisheries Science, Management, and Stewardship in a Good Anthropocene. <i>Environmental Management</i> , <b>2017</b> , 60, 165-175	3.1	25
619	Does coastal light pollution alter the nocturnal behavior and blood physiology of juvenile bonefish ( <i>Albula vulpes</i> )?. <i>Bulletin of Marine Science</i> , <b>2017</b> , 93, 491-505	1.3	9
618	Fido, Fluffy, and wildlife conservation: The environmental consequences of domesticated animals. <i>Environmental Reviews</i> , <b>2017</b> , 25, 381-395	4.5	16
617	What are the impacts of flow regime changes on fish productivity in temperate regions? A systematic map protocol. <i>Environmental Evidence</i> , <b>2017</b> , 6,	3.3	7
616	Shining a light on fish at night: an overview of fish and fisheries in the dark of night, and in deep and polar seas. <i>Bulletin of Marine Science</i> , <b>2017</b> , 93, 253-284	1.3	25
615	Is there evidence for flow variability as an organism-level stressor in fluvial fish?. <i>Journal of Ecohydraulics</i> , <b>2017</b> , 2, 68-83	1.3	19
614	Acoustic telemetry and fisheries management <b>2017</b> , 27, 1031-1049		146
613	Shark recreational fisheries: Status, challenges, and research needs. <i>Ambio</i> , <b>2017</b> , 46, 385-398	6.5	28
612	Potential consequences of angling on nest-site fidelity in largemouth bass. <i>Environmental Biology of Fishes</i> , <b>2017</b> , 100, 611-616	1.6	2
611	Individual-level behavioral responses of immature green turtles to snorkeler disturbance. <i>Oecologia</i> , <b>2017</b> , 183, 909-917	2.9	12
610	Individual isotopic specializations predict subsequent inter-individual variation in movement in a freshwater fish. <i>Ecology</i> , <b>2017</b> , 98, 608-615	4.6	17
609	Biologgers reveal post-release behavioural impairments of freshwater turtles following interactions with fishing nets. <i>Animal Conservation</i> , <b>2017</b> , 20, 350-359	3.2	4
608	How experimental biology and ecology can support evidence-based decision-making in conservation: avoiding pitfalls and enabling application <b>2017</b> , 5, cox043		34
607	Use of Fish Telemetry in Rehabilitation Planning, Management, and Monitoring in Areas of Concern in the Laurentian Great Lakes. <i>Environmental Management</i> , <b>2017</b> , 60, 1139-1154	3.1	16
606	Ontogenetic changes in chemical alarm cue recognition and fast-start performance in guppies ( <i>Poecilia reticulata</i> ). <i>Ethology</i> , <b>2017</b> , 123, 916-923	1.7	6
605	Capture severity, infectious disease processes and sex influence post-release mortality of sockeye salmon bycatch <b>2017</b> , 5, cox017		38
604	Lessons for introducing stakeholders to environmental evidence synthesis. <i>Environmental Evidence</i> , <b>2017</b> , 6,	3.3	2

603	Tracking Walleye. <i>Fisheries</i> , <b>2017</b> , 42, 560-560	1.1	2
602	The influence of water temperature on sockeye salmon heart rate recovery following simulated fisheries interactions <b>2017</b> , 5, cox050		21
601	Fishing in the dark: the science and management of recreational fisheries at night. <i>Bulletin of Marine Science</i> , <b>2017</b> , 93, 519-538	1.3	11
600	Diel patterns of hooking depth for active and passive angling methods for two freshwater teleost fishes. <i>Bulletin of Marine Science</i> , <b>2017</b> , 93, 507-517	1.3	1
599	Conserving Megafauna or Sacrificing Biodiversity?. <i>BioScience</i> , <b>2017</b> , biw163	5.7	5
598	Responses of larval zebrafish to low pH immersion assay. Comment on Lopez-Luna et al. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 3191-3192	3	7
597	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> , <b>2017</b> , 181, 59-68	3.5	16
596	Morphological, physiological and dietary covariation in migratory and resident adult brown trout ( <i>Salmo trutta</i> ). <i>Zoology</i> , <b>2017</b> , 123, 79-90	1.7	4
595	Oxidative stress and partial migration in brown trout ( <i>Salmo trutta</i> ). <i>Canadian Journal of Zoology</i> , <b>2017</b> , 95, 829-835	1.5	11
594	Factors influencing the spatial ecology of Lake Sturgeon and Walleye within an impounded reach of the Winnipeg River. <i>Environmental Biology of Fishes</i> , <b>2017</b> , 100, 1085-1103	1.6	4
593	Post-2015 Sustainable Development Goals still neglecting their environmental roots in the Anthropocene. <i>Environmental Science and Policy</i> , <b>2017</b> , 77, 179-184	6.2	37
592	Fishway passage success for migratory rainbow smelt <i>Osmerus mordax</i> is not dictated by behavioural type. <i>River Research and Applications</i> , <b>2017</b> , 33, 1257-1267	2.3	8
591	Daily temperature experience and selection by adfluvial bull trout ( <i>Salvelinus confluentus</i> ). <i>Environmental Biology of Fishes</i> , <b>2017</b> , 100, 1167-1180	1.6	7
590	A call for more physiology at conservation conferences. <i>Biodiversity and Conservation</i> , <b>2017</b> , 26, 2507-2515	3.4	4
589	Effects of maternal cortisol treatment on offspring size, responses to stress, and anxiety-related behavior in wild largemouth bass ( <i>Micropterus salmoides</i> ). <i>Physiology and Behavior</i> , <b>2017</b> , 180, 15-24	3.5	14
588	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> , <b>2017</b> , 37, 652-659	1.1	11
587	Inland fisheries ¶invisible but integral to the UN Sustainable Development Agenda for ending poverty by 2030. <i>Global Environmental Change</i> , <b>2017</b> , 47, 167-173	10.1	55
586	Evaluating a light-louwer system for behavioural guidance of age-0 white sturgeon. <i>River Research and Applications</i> , <b>2017</b> , 33, 1286-1294	2.3	8

585	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> , <b>2017</b> , 37, 1045-1053	1.1	13
584	What are the consequences of fish entrainment and impingement associated with hydroelectric dams on fish productivity? A systematic review protocol. <i>Environmental Evidence</i> , <b>2017</b> , 6,	3.3	12
583	The effectiveness of spawning habitat creation or enhancement for substrate spawning temperate fish: a systematic review protocol. <i>Environmental Evidence</i> , <b>2017</b> , 6,	3.3	6
582	Better evidence, better decisions, better environment: emergent themes from the first environmental evidence conference. <i>Environmental Evidence</i> , <b>2017</b> , 6,	3.3	8
581	Estimating incision healing rate for surgically implanted acoustic transmitters from recaptured fish. <i>Animal Biotelemetry</i> , <b>2017</b> , 5,	2.8	9
580	Energy Landscapes and the Landscape of Fear. <i>Trends in Ecology and Evolution</i> , <b>2017</b> , 32, 88-96	10.9	105
579	Swimming speeds and metabolic rates of semi-captive juvenile lemon sharks ( <i>Negaprion brevirostris</i> , Poey) estimated with acceleration biologgers. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2017</b> , 486, 245-254	2.1	20
578	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> , <b>2017</b> , 186, 642-647	2.3	7
577	Inserting the angler into catch-and-release angling science and practice. <i>Fisheries Research</i> , <b>2017</b> , 186, 599-600	2.3	12
576	A roadmap for knowledge exchange and mobilization research in conservation and natural resource management. <i>Conservation Biology</i> , <b>2017</b> , 31, 789-798	6	62
575	Do physical habitat complexity and predator cues influence the baseline and stress-induced glucocorticoid levels of a mangrove-associated fish?. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2017</b> , 203, 281-287	2.6	1
574	Global warming may disproportionately affect larger adults in a predatory coral reef fish. <i>Global Change Biology</i> , <b>2017</b> , 23, 2230-2240	11.4	54
573	Evaluating the consequences of catch-and-release recreational angling on golden dorado ( <i>Salminus brasiliensis</i> ) in Salta, Argentina. <i>Fisheries Research</i> , <b>2017</b> , 186, 625-633	2.3	25
572	Reducing Carryover Effects on the Migration and Spawning Success of Sockeye Salmon through a Management Experiment of Dam Flows. <i>River Research and Applications</i> , <b>2017</b> , 33, 3-15	2.3	19
571	Involving recreational fisheries stakeholders in development of research and conservation priorities for mahseer ( <i>Tor spp.</i> ) of India through collaborative workshops. <i>Fisheries Research</i> , <b>2017</b> , 186, 665-671	2.3	11
570	Consequences of catch-and-release angling for black bream <i>Spondyliosoma cantharus</i> , during the parental care period: implications for management. <i>ICES Journal of Marine Science</i> , <b>2017</b> , 74, 254-262	2.7	13
569	Telemetry-Determined Habitat Use Informs Multi-Species Habitat Management in an Urban Harbour. <i>Environmental Management</i> , <b>2017</b> , 59, 118-128	3.1	15
568	The efficacy of assisted ventilation techniques for facilitating the recovery of fish that are exhausted from simulated angling stress. <i>Fisheries Research</i> , <b>2017</b> , 186, 619-624	2.3	9



567	Synergistic and interactive effects of angler behaviour, gear type, and fish behaviour on hooking depth in passively angled fish. <i>Fisheries Research</i> , <b>2017</b> , 186, 612-618	2.3	13
566	Behavioural responses to fisheries capture among sharks caught using experimental fishery gear. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2017</b> , 74, 1-7	2.4	32
565	Perceptions of recreational fisheries conservation within the fishing industry: Knowledge gaps and learning opportunities identified at east coast trade shows in the United States. <i>Fisheries Research</i> , <b>2017</b> , 186, 681-687	2.3	13
564	Do boating and basking mix? The effect of basking disturbances by motorboats on the body temperature and energy budget of the northern map turtle. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2017</b> , 27, 547-558	2.6	8
563	Conservation physiology and the quest for a 'good' Anthropocene <b>2017</b> , 5, cox003		11
562	Envisioning the Future of Aquatic Animal Tracking: Technology, Science, and Application. <i>BioScience</i> , <b>2017</b> , 67, 884-896	5.7	71
561	Nutritional physiology and ecology of wildlife in a changing world <b>2017</b> , 5, cox030		51
560	Addressing Challenges in the Application of Animal Movement Ecology to Aquatic Conservation and Management. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	36
559	Necessary but challenging: Multiple disciplinary approaches to solving conservation problems. <i>Facets</i> , <b>2017</b> , 1, 67-82	2.3	30
558	Considerations for effective science communication. <i>Facets</i> , <b>2017</b> , 2, 233-248	2.3	47
557	Behaviour and survival of wild Atlantic salmon <i>Salmo salar</i> captured and released while surveillance angling for escaped farmed salmon. <i>Aquaculture Environment Interactions</i> , <b>2017</b> , 9, 311-319	2.9	2
556	Conservation physiology can inform threat assessment and recovery planning processes for threatened species. <i>Endangered Species Research</i> , <b>2017</b> , 32, 507-513	2.5	9
555	Using Behavioral Observations to Develop Escape Devices for Freshwater Turtles Entrapped in Fishing Nets. <i>Journal of Fish and Wildlife Management</i> , <b>2017</b> , 8, 4-14	0.7	2
554	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> , <b>2017</b> , 57, 281-292	2.8	19
553	Correction: Necessary but challenging: Multiple disciplinary approaches to solving conservation problems. <i>Facets</i> , <b>2017</b> , 2, 476-476	2.3	1
552	The influence of watershed land use cover on stream fish diversity and size-at-age of a generalist fish. <i>Ecological Indicators</i> , <b>2016</b> , 60, 248-257	5.8	9
551	Swimming activity and energetic costs of adult lake sturgeon during fishway passage. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 2534-44	3	26
550	Recommendations for the future of recreational fisheries to prepare the social-ecological system to cope with change. <i>Fisheries Management and Ecology</i> , <b>2016</b> , 23, 177-186	1.8	49

549	Improved performance, within-individual consistency and between-individual differences in the righting behaviour of the Caribbean sea star, <i>Oreaster reticulatus</i> . <i>Behaviour</i> , <b>2016</b> , 153, 1763-1776	1.4	5
548	Stress and food deprivation: linking physiological state to migration success in a teleost fish. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 3712-3718	3	23
547	Watershed-Scale Land Use Activities Influence the Physiological Condition of Stream Fish. <i>Physiological and Biochemical Zoology</i> , <b>2016</b> , 89, 10-25	2	8
546	Physiological Basis of Climate Change Impacts on North American Inland Fishes. <i>Fisheries</i> , <b>2016</b> , 41, 332-345	3.45	82
545	Ultralight or Heavyweight? The Interactive Effects of Gear Strength and Air Exposure on Reflex Impairment in Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , <b>2016</b> , 145, 1202-1207	1.7	6
544	Avian predators transmit fear along the air-water interface influencing prey and their parental care. <i>Canadian Journal of Zoology</i> , <b>2016</b> , 94, 863-870	1.5	13
543	Conservation physiology of marine fishes: state of the art and prospects for policy <b>2016</b> , 4, cow046		67
542	Comparative thermal biology and depth distribution of largemouth bass ( <i>Micropterus salmoides</i> ) and northern pike ( <i>Esox lucius</i> ) in an urban harbour of the Laurentian Great Lakes. <i>Canadian Journal of Zoology</i> , <b>2016</b> , 94, 767-776	1.5	10
541	Narrow or Broad: Diverse Academic Pathways to a Career in Fisheries Science and Management. <i>Fisheries</i> , <b>2016</b> , 41, 477-478	1.1	1
540	How do potential knowledge users evaluate new claims about a contested resource? Problems of power and politics in knowledge exchange and mobilization. <i>Journal of Environmental Management</i> , <b>2016</b> , 184, 380-388	7.9	39
539	A perspective on physiological studies supporting the provision of scientific advice for the management of Fraser River sockeye salmon () <b>2016</b> , 4, cow026		21
538	The effectiveness of non-native fish eradication techniques in freshwater ecosystems: a systematic review protocol. <i>Environmental Evidence</i> , <b>2016</b> , 5,	3.3	6
537	The Canadian context for evidence-based conservation and environmental management. <i>Environmental Evidence</i> , <b>2016</b> , 5,	3.3	19
536	What is the effect of prescribed burning in temperate and boreal forest on biodiversity, beyond tree regeneration, pyrophilous and saproxylic species? A systematic review protocol. <i>Environmental Evidence</i> , <b>2016</b> , 5,	3.3	5
535	Probability of acoustic transmitter detections by receiver lines in Lake Huron: results of multi-year field tests and simulations. <i>Animal Biotelemetry</i> , <b>2016</b> , 4,	2.8	18
534	Temporal plasticity in thermal-habitat selection of burbot <i>Lota lota</i> a diel-migrating winter-specialist. <i>Journal of Fish Biology</i> , <b>2016</b> , 88, 2111-29	1.9	18
533	Use of simulation approaches to evaluate the consequences of catch-and-release angling on the migration behaviour of adult Atlantic salmon ( <i>Salmo salar</i> ). <i>Ecological Modelling</i> , <b>2016</b> , 333, 43-50	3	8
532	Comparative spatial ecology of sympatric adult muskellunge and northern pike during a one-year period in an urban reach of the Rideau River, Canada. <i>Environmental Biology of Fishes</i> , <b>2016</b> , 99, 409-421	1.6	5

531	Getting past the blame game: Convergence and divergence in perceived threats to salmon resources among anglers and indigenous fishers in Canada's lower Fraser River. <i>Ambio</i> , <b>2016</b> , 45, 591-601	6.5	17
530	Pressure sensor calibrations of acoustic telemetry transmitters. <i>Animal Biotelemetry</i> , <b>2016</b> , 4,	2.8	5
529	Success stories and emerging themes in conservation physiology <b>2016</b> , 4, cov057		52
528	Fisheries conservation on the high seas: linking conservation physiology and fisheries ecology for the management of large pelagic fishes <b>2016</b> , 4, cov059		31
527	Context dependency of trait repeatability and its relevance for management and conservation of fish populations <b>2016</b> , 4, cow007		69
526	On the sustainability of inland fisheries: Finding a future for the forgotten. <i>Ambio</i> , <b>2016</b> , 45, 753-764	6.5	92
525	Sublethal consequences of urban life for wild vertebrates. <i>Environmental Reviews</i> , <b>2016</b> , 24, 416-425	4.5	43
524	Diel variability in fish assemblages in coastal wetlands and tributaries of the St. Lawrence River: a cautionary tale for fisheries monitoring. <i>Aquatic Sciences</i> , <b>2016</b> , 78, 267-277	2.5	7
523	Experimental displacement of longnose dace, <i>Rhinichthys cataractae</i> (Actinopterygii, Cyprinidae), reveals rapid fish avoidance of a stormwater drain in an urban watershed. <i>Hydrobiologia</i> , <b>2016</b> , 767, 197-206	2.1	2
522	Stock assessment in inland fisheries: a foundation for sustainable use and conservation. <i>Reviews in Fish Biology and Fisheries</i> , <b>2016</b> , 26, 405-440	6	46
521	Remote bioenergetics measurements in wild fish: Opportunities and challenges. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2016</b> , 202, 23-37	2.6	86
520	Influence of harvest restrictions on angler release behaviour and size selection in a recreational fishery. <i>Journal of Environmental Management</i> , <b>2016</b> , 176, 139-48	7.9	14
519	Understanding the individual to implement the ecosystem approach to fisheries management <b>2016</b> , 4, cow005		39
518	Tracking wild sockeye salmon smolts to the ocean reveals distinct regions of nocturnal movement and high mortality <b>2016</b> , 26, 959-78		41
517	Influence of gear switching on recapture of Atlantic salmon ( <i>Salmo salar</i> ) in catch-and-release fisheries. <i>Ecology of Freshwater Fish</i> , <b>2016</b> , 25, 422-428	2.1	14
516	Rapid assessment of the physiological impacts caused by catch-and-release angling on blue-finned mahseer ( <i>Tor</i> sp.) of the Cauvery River, India. <i>Fisheries Management and Ecology</i> , <b>2016</b> , 23, 208-217	1.8	11
515	Burbot and large hydropower in North America: benefits, threats and research needs for mitigation. <i>Fisheries Management and Ecology</i> , <b>2016</b> , 23, 335-349	1.8	9
514	Stress in the neighborhood: Tissue glucocorticoids relative to stream quality for five species of fish. <i>Science of the Total Environment</i> , <b>2016</b> , 547, 87-94	10.2	16

513	Exposure to sublethal levels of PCB-126 impacts fuel metabolism and swimming performance in rainbow trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 199, 97-104	2.3	17
512	Interactive effects of sex and body size on the movement ecology of adfluvial bull trout ( <i>Salvelinus confluentus</i> ). <i>Canadian Journal of Zoology</i> , <b>2016</b> , 94, 31-40	1.5	7
511	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> , <b>2016</b> , 175, 95-102	2.3	22
510	The social, economic, and environmental importance of inland fish and fisheries. <i>Environmental Reviews</i> , <b>2016</b> , 24, 115-121	4.5	171
509	Ten practical realities for institutional animal care and use committees when evaluating protocols dealing with fish in the field. <i>Reviews in Fish Biology and Fisheries</i> , <b>2016</b> , 26, 123-133	6	23
508	Stress, nutrition and parental care in a teleost fish: exploring mechanisms with supplemental feeding and cortisol manipulation. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 1237-48	3	18
507	Tracking invasive animals with electronic tags to assess risks and develop management strategies. <i>Biological Invasions</i> , <b>2016</b> , 18, 1219-1233	2.7	17
506	Conservation physiology of animal migration <b>2016</b> , 4, cov072		48
505	Practices and attitudes of Indian catch-and-release anglers: identifying opportunities for advancing the management of recreational fisheries. <i>Journal of Threatened Taxa</i> , <b>2016</b> , 8, 8659	0.6	3
504	On the neglected cold side of climate change and what it means to fish. <i>Climate Research</i> , <b>2016</b> , 69, 239-245	2.45	17
503	The need for speed in a crisis discipline: perspectives on peer-review duration and implications for conservation science. <i>Endangered Species Research</i> , <b>2016</b> , 30, 11-18	2.5	6
502	Tracking wild sockeye salmon smolts to the ocean reveals distinct regions of nocturnal movement and high mortality <b>2016</b> , n/a-n/a		2
501	Do fishing education programs effectively transfer catch-and-release best practices to youth anglers yielding measurable improvements in fish condition and survival?. <i>Knowledge and Management of Aquatic Ecosystems</i> , <b>2016</b> , 42	1.4	7
500	Stress Indicators in Fish. <i>Fish Physiology</i> , <b>2016</b> , 35, 405-462	2	72
499	Catching sharks: recreational saltwater angler behaviours and attitudes regarding shark encounters and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2016</b> , 26, 689-702	2.6	16
498	Differences in movements of northern pike inhabiting rivers with contrasting flow regimes. <i>Ecohydrology</i> , <b>2016</b> , 9, 1687-1699	2.5	8
497	The Behavioral Responses of a Warmwater Teleost to Different Spectra of Light-Emitting Diodes. <i>North American Journal of Fisheries Management</i> , <b>2016</b> , 36, 1000-1005	1.1	11
496	Physiological stress response, reflex impairment and delayed mortality of white sturgeon exposed to simulated fisheries stressors <b>2016</b> , 4, cow031		23

495	The hydraulics of a vertical slot fishway: A case study on the multi-species Vianney-Legendre fishway in Quebec, Canada. <i>Ecological Engineering</i> , <b>2016</b> , 90, 190-202	3.9	49
494	Seasonal variation in baseline and maximum whole-body glucocorticoid concentrations in a small-bodied stream fish independent of habitat quality. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2016</b> , 192, 1-6	2.6	3
493	A moving target--incorporating knowledge of the spatial ecology of fish into the assessment and management of freshwater fish populations. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 239	3.1	94
492	Stress is not pain. Comment on Elwood and Adams (2015) 'Electric shock causes physiological stress responses in shore crabs, consistent with prediction of pain'. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	12
491	Glucocorticoid manipulations in free-living animals: considerations of dose delivery, life-history context and reproductive state. <i>Functional Ecology</i> , <b>2016</b> , 30, 116-125	5.6	65
490	Aerobic scope increases throughout an ecologically relevant temperature range in coho salmon. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 1922-31	3	13
489	Fishway approach behaviour and passage of three redhorse species ( <i>Moxostoma anisurum</i> , <i>M. carinatum</i> , and <i>M. macrolepidotum</i> ) in the Richelieu River, Quebec. <i>Environmental Biology of Fishes</i> , <b>2016</b> , 99, 249-263	1.6	12
488	Examining the relationships between egg cortisol and oxidative stress in developing wild sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2016</b> , 200, 87-93	2.6	5
487	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> , <b>2016</b> , 227, 1	2.6	19
486	Knowledge users' perspectives and advice on how to improve knowledge exchange and mobilization in the case of a co-managed fishery. <i>Environmental Science and Policy</i> , <b>2016</b> , 66, 170-178	6.2	44
485	Is there a pace-of-life syndrome linking boldness and metabolic capacity for locomotion in bluegill sunfish?. <i>Animal Behaviour</i> , <b>2016</b> , 121, 175-183	2.8	31
484	Preparing for International Research and Teaching. <i>Fisheries</i> , <b>2016</b> , 41, 464-465	1.1	0
483	To manage inland fisheries is to manage at the social-ecological watershed scale. <i>Journal of Environmental Management</i> , <b>2016</b> , 181, 312-325	7.9	24
482	Angling for endangered fish: conservation problem or conservation action?. <i>Fish and Fisheries</i> , <b>2016</b> , 17, 249-265	6	52
481	Bycatch mortality can cause extirpation in four freshwater turtle species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2015</b> , 25, 71-80	2.6	20
480	Ecological carryover effects complicate conservation. <i>Ambio</i> , <b>2015</b> , 44, 582-91	6.5	22
479	Does lure colour influence catch per unit effort, fish capture size and hooking injury in angled largemouth bass?. <i>Fisheries Research</i> , <b>2015</b> , 172, 1-6	2.3	12
478	Are there intergenerational and population-specific effects of oxidative stress in sockeye salmon ( <i>Oncorhynchus nerka</i> )?. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2015</b> , 184, 97-104	2.6	11

477	Physiology in the service of fisheries science: Why thinking mechanistically matters. <i>Reviews in Fish Biology and Fisheries</i> , <b>2015</b> , 25, 425-447	6	63
476	Integrating network analysis, sensor tags, and observation to understand shark ecology and behavior. <i>Behavioral Ecology</i> , <b>2015</b> , 26, 1577-1586	2.3	30
475	Status of Recreational Fisheries in India: Development, Issues, and Opportunities. <i>Reviews in Fisheries Science and Aquaculture</i> , <b>2015</b> , 23, 291-301	8.3	21
474	Accelerometer-derived activity correlates with volitional swimming speed in lake sturgeon ( <i>Acipenser fulvescens</i> ). <i>Canadian Journal of Zoology</i> , <b>2015</b> , 93, 645-654	1.5	13
473	Considerations for the design and interpretation of fishing release mortality estimates. <i>Fisheries Research</i> , <b>2015</b> , 167, 64-70	2.3	10
472	Puff and bite: the relationship between the glucocorticoid stress response and anti-predator performance in checkered puffer ( <i>Sphoeroides testudineus</i> ). <i>General and Comparative Endocrinology</i> , <b>2015</b> , 214, 1-8	3	3
471	Seasonal movements and residency of small-bodied fish in a north temperate urban watershed demonstrate connectivity between a stream and stormwater drain. <i>Hydrobiologia</i> , <b>2015</b> , 742, 327-338	2.4	7
470	Environmental studies and environmental science today: inevitable mission creep and integration in action-oriented transdisciplinary areas of inquiry, training and practice. <i>Journal of Environmental Studies and Sciences</i> , <b>2015</b> , 5, 70-78	0.9	24
469	A physiological comparison of three techniques for reviving sockeye salmon exposed to a severe capture stressor during upriver migration <b>2015</b> , 3, cov015		5
468	Variation in whole-, landed- and trimmed-carcass and fin-weight ratios for various sharks captured on demersal set-lines off eastern Australia. <i>Fisheries Research</i> , <b>2015</b> , 167, 190-198	2.3	5
467	Linking Landscape-Scale Disturbances to Stress and Condition of Fish: Implications for Restoration and Conservation. <i>Integrative and Comparative Biology</i> , <b>2015</b> , 55, 618-30	2.8	36
466	Utility of biological sensor tags in animal conservation. <i>Conservation Biology</i> , <b>2015</b> , 29, 1065-75	6	76
465	Improving science-based invasive species management with physiological knowledge, concepts, and tools. <i>Biological Invasions</i> , <b>2015</b> , 17, 2213-2227	2.7	32
464	Personality-dependent spatial ecology occurs independently from dispersal in wild burbot ( <i>Lota lota</i> ). <i>Behavioral Ecology</i> , <b>2015</b> , 26, 483-492	2.3	75
463	The effects of modern war and military activities on biodiversity and the environment. <i>Environmental Reviews</i> , <b>2015</b> , 23, 443-460	4.5	75
462	Locomotor activity patterns of muskellunge ( <i>Esox masquinongy</i> ) assessed using tri-axial acceleration sensing acoustic transmitters. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 2109-2121	1.6	12
461	Action Cameras: Bringing Aquatic and Fisheries Research into View. <i>Fisheries</i> , <b>2015</b> , 40, 502-512	1.1	63
460	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> , <b>2015</b> , 98, 2133-2146	1.6	17

459	Being relevant: Practical guidance for early career researchers interested in solving conservation problems. <i>Global Ecology and Conservation</i> , <b>2015</b> , 4, 334-348	2.8	33
458	Seasonal thermal ecology of adult walleye ( <i>Sander vitreus</i> ) in Lake Huron and Lake Erie. <i>Journal of Thermal Biology</i> , <b>2015</b> , 53, 98-106	2.9	22
457	FISH Out of WATER: How Much Air is Too Much?. <i>Fisheries</i> , <b>2015</b> , 40, 452-461	1.1	79
456	Physiological stress and reflex impairment of recreationally angled bonefish in Puerto Rico. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 2287-2295	1.6	27
455	On the apparent failure of silt fences to protect freshwater ecosystems from sedimentation: A call for improvements in science, technology, training and compliance monitoring. <i>Journal of Environmental Management</i> , <b>2015</b> , 164, 67-73	7.9	9
454	Puffed and bothered: Personality, performance, and the effects of stress on checkered pufferfish. <i>Physiology and Behavior</i> , <b>2015</b> , 152, 68-78	3.5	9
453	An experimental test of in-season homing mechanisms used by nest-guarding male Largemouth Bass following displacement. <i>Behavioural Processes</i> , <b>2015</b> , 120, 87-93	1.6	2
452	Consequences of experimental cortisol manipulations on the thermal biology of the checkered puffer ( <i>Sphoeroides testudineus</i> ) in laboratory and field environments. <i>Journal of Thermal Biology</i> , <b>2015</b> , 47, 63-74	2.9	10
451	The influence of fluctuating ramping rates on the diets of small-bodied fish species of boreal rivers. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 345-355	1.6	6
450	An Examination of Gender Differences in the American Fisheries Society Peer-Review Process. <i>Fisheries</i> , <b>2015</b> , 40, 442-451	1.1	7
449	Does Catch-and-Release Angling Alter the Behavior and Fate of Adult Atlantic Salmon During Upriver Migration?. <i>Transactions of the American Fisheries Society</i> , <b>2015</b> , 144, 400-409	1.7	22
448	Orientation and Position of Fish Affects Recovery Time from Electroshock. <i>Transactions of the American Fisheries Society</i> , <b>2015</b> , 144, 820-828	1.7	14
447	Management of freshwater fisheries <b>2015</b> , 557-579		20
446	Recreational fisheries in inland waters <b>2015</b> , 449-465		12
445	Is there a role for freshwater protected areas in the conservation of migratory fish?. <i>Inland Waters</i> , <b>2015</b> , 5, 1-6	2.4	16
444	Defining adult bonefish ( <i>Albula vulpes</i> ) movement corridors around Grand Bahama in the Bahamian Archipelago. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 2203-2212	1.6	15
443	Advancing the science and management of flats fisheries for bonefish, tarpon, and permit. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 2123-2131	1.6	27
442	Mechanisms to explain purse seine bycatch mortality of coho salmon. <i>Ecological Applications</i> , <b>2015</b> , 25, 1757-75	4.9	32

441	An experimental field evaluation of winter carryover effects in semi-anadromous brown trout ( <i>Salmo trutta</i> ). <i>Journal of Experimental Zoology</i> , <b>2015</b> , 323, 645-54		15
440	Environmental conditions and physiological state influence estuarine movements of homing sockeye salmon. <i>Fisheries Oceanography</i> , <b>2015</b> , 24, 307-324	2.4	4
439	The effect of catch-and-release angling at high water temperatures on behaviour and survival of Atlantic salmon <i>Salmo salar</i> during spawning migration. <i>Journal of Fish Biology</i> , <b>2015</b> , 87, 342-59	1.9	27
438	Facing the river gauntlet: understanding the effects of fisheries capture and water temperature on the physiology of coho salmon. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124023	3.7	27
437	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> , <b>2015</b> , 113, 1-7	3.9	22
436	One size does not always fit all: a reply to Stroud and Feeley. <i>Trends in Ecology and Evolution</i> , <b>2015</b> , 30, 297-8	10.9	
435	Is winter worse for stressed fish? The consequences of exogenous cortisol manipulation on over-winter survival and condition of juvenile largemouth bass. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2015</b> , 187, 97-102	2.6	1
434	Conference report: muskellunge science and management: progress through partnerships. <i>Environmental Biology of Fishes</i> , <b>2015</b> , 98, 2031-2035	1.6	3
433	Variation in parasite communities and health indices of juvenile <i>Lepomis gibbosus</i> across a gradient of watershed land-use and habitat quality. <i>Ecological Indicators</i> , <b>2015</b> , 57, 564-572	5.8	21
432	ECOLOGY. Aquatic animal telemetry: A panoramic window into the underwater world. <i>Science</i> , <b>2015</b> , 348, 1255642	33.3	696
431	Influence of Postcapture Ventilation Assistance on Migration Success of Adult Sockeye Salmon following Capture and Release. <i>Transactions of the American Fisheries Society</i> , <b>2015</b> , 144, 693-704	1.7	17
430	Fishing for Effective Conservation: Context and Biotic Variation are Keys to Understanding the Survival of Pacific Salmon after Catch-and-Release. <i>Integrative and Comparative Biology</i> , <b>2015</b> , 55, 554-76 <sup>2.8</sup>		30
429	Finding the Path to a Successful Graduate and Research Career: Advice for Early Career Researchers. <i>Fisheries</i> , <b>2015</b> , 40, 399-403	1.1	1
428	Manipulating glucocorticoids in wild animals: basic and applied perspectives <b>2015</b> , 3, cov031		54
427	Characterisation of water temperature variability within a harbour connected to a large lake. <i>Journal of Great Lakes Research</i> , <b>2015</b> , 41, 1010-1023	3	17
426	Influence of angler hook-set behaviour relative to hook type on capture success and incidences of deep hooking and injury in a teleost fish. <i>Fisheries Research</i> , <b>2015</b> , 164, 201-205	2.3	24
425	A letter of clarification from the authors of ' Trophy fishing for species threatened with extinction' <i>Marine Policy</i> , <b>2015</b> , 53, 213-214	3.5	2
424	Status of aboriginal, commercial and recreational inland fisheries in North America: past, present and future. <i>Fisheries Management and Ecology</i> , <b>2015</b> , 22, 1-13	1.8	23



423	Evolutionary theory as a tool for predicting extinction risk. <i>Trends in Ecology and Evolution</i> , <b>2015</b> , 30, 61-5	10.9	50
422	Behaviour and locomotor activity of a migratory catostomid during fishway passage. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123051	3.7	17
421	How long is too long in contemporary peer review? Perspectives from authors publishing in conservation biology journals. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132557	3.7	28
420	Does Angling Technique Selectively Target Fishes Based on Their Behavioural Type?. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135848	3.7	32
419	Individual differences in activity and habitat selection of juvenile queen conch evaluated using acceleration biologgers. <i>Endangered Species Research</i> , <b>2015</b> , 27, 181-188	2.5	4
418	Risk perceptions and conservation ethics among recreational anglers targeting threatened sharks in the subtropical Atlantic. <i>Endangered Species Research</i> , <b>2015</b> , 29, 81-93	2.5	17
417	Applying network methods to acoustic telemetry data: Modeling the movements of tropical marine fishes. <i>Ecological Modelling</i> , <b>2014</b> , 293, 139-149	3	46
416	A review of detection range testing in aquatic passive acoustic telemetry studies. <i>Reviews in Fish Biology and Fisheries</i> , <b>2014</b> , 24, 199-218	6	185
415	The fate of dead fish tagged with biotelemetry transmitters in an urban stream. <i>Aquatic Ecology</i> , <b>2014</b> , 48, 23-33	1.9	14
414	Exploring the Potential Effects of Lost or Discarded Soft Plastic Fishing Lures on Fish and the Environment. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	8
413	Looking beyond the mortality of bycatch: sublethal effects of incidental capture on marine animals. <i>Biological Conservation</i> , <b>2014</b> , 171, 61-72	6.2	82
412	Species- and sex-specific responses and recovery of wild, mature pacific salmon to an exhaustive exercise and air exposure stressor. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2014</b> , 173C, 7-16	2.6	27
411	Field and numerical assessment of turning pool hydraulics in a vertical slot fishway. <i>Ecological Engineering</i> , <b>2014</b> , 63, 88-101	3.9	52
410	Repeatability of movement behaviour in a wild salmonid revealed by telemetry. <i>Journal of Fish Biology</i> , <b>2014</b> , 84, 1240-6	1.9	25
409	Principles for ensuring healthy and productive freshwater ecosystems that support sustainable fisheries. <i>Environmental Reviews</i> , <b>2014</b> , 22, 110-134	4.5	49
408	HYDROLOGIC CORRELATES OF BULL TROUT ( <i>Salvelinus confluentus</i> ) SWIMMING ACTIVITY IN A HYDROPEAKING RIVER. <i>River Research and Applications</i> , <b>2014</b> , 30, 756-765	2.3	19
407	Testosterone, body size, and sexual signals predict parasite load in Yarrov's Spiny Lizards ( <i>Sceloporus jarrovii</i> ). <i>Canadian Journal of Zoology</i> , <b>2014</b> , 92, 1075-1082	1.5	14
406	Consequences of Air Exposure on the Physiology and Behavior of Caught-and-Released Common Carp in the Laboratory and under Natural Conditions. <i>North American Journal of Fisheries Management</i> , <b>2014</b> , 34, 232-246	1.1	18

405	Fishing-Related Stressors Inhibit Refuge-Seeking Behavior in Released Subadult Great Barracuda. <i>Transactions of the American Fisheries Society</i> , <b>2014</b> , 143, 613-617	1.7	30
404	Scientific Publications: Moving beyond Quality and Quantity toward Influence. <i>BioScience</i> , <b>2014</b> , 64, 12-13	3.7	16
403	Physiology, behavior, and conservation. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 1-14	2	88
402	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> , <b>2014</b> , 56, 190-202	12.5	68
401	The stress response predicts migration failure but not migration rate in a semelparous fish. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 202, 44-9	3	22
400	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> , <b>2014</b> , 459, 1-7	2.1	22
399	Regulation of hypothalamic-pituitary-interrenal axis function in male smallmouth bass ( <i>Micropterus dolomieu</i> ) during parental care. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 204, 195-202	3	8
398	The understudied and underappreciated role of predation in the mortality of fish released from fishing gears. <i>Fish and Fisheries</i> , <b>2014</b> , 15, 489-505	6	108
397	Variable thermal experience and diel thermal patterns of homing sockeye salmon in coastal marine waters. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 496, 109-124	2.6	8
396	Comment: Not all Biases are Created Equal. Comment on the Snorkel Survey Bias Observed by Hessenauer et al. (2014). <i>North American Journal of Fisheries Management</i> , <b>2014</b> , 34, 1204-1206	1.1	2
395	Acoustic telemetry reveals large-scale migration patterns of walleye in Lake Huron. <i>PLoS ONE</i> , <b>2014</b> , 9, e114833	3.7	70
394	Conservation physiology today and tomorrow <b>2014</b> , 2, cot033		9
393	Canadian Recreational Fisheries: 35 Years of Social, Biological, and Economic Dynamics from a National Survey. <i>Fisheries</i> , <b>2014</b> , 39, 251-260	1.1	49
392	Bycatch mortality of endangered coho salmon: impacts, solutions, and aboriginal perspectives <b>2014</b> , 24, 1803-19		19
391	Trophy fishing for species threatened with extinction: A way forward building on a history of conservation. <i>Marine Policy</i> , <b>2014</b> , 50, 318-322	3.5	32
390	Oxidative stress in Pacific salmon ( <i>Oncorhynchus</i> spp.) during spawning migration. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 346-52	2	16
389	Comparative physiology and relative swimming performance of three redhorse ( <i>Moxostoma</i> spp.) species: associations with fishway passage success. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 148-39	3.9	12
388	Conservation physiology across scales: insights from the marine realm <b>2014</b> , 2, cou024		35

387	Refuge-seeking impairments mirror metabolic recovery following fisheries-related stressors in the Spanish flag snapper ( <i>Lutjanus carponotatus</i> ) on the Great Barrier Reef. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 136-47	2	27
386	Diel patterns of baseline glucocorticoids and stress responsiveness in a teleost fish (bluegill, <i>Lepomis macrochirus</i> ). <i>Canadian Journal of Zoology</i> , <b>2014</b> , 92, 417-421	1.5	14
385	Absence of Handling-Induced Saprolegnia Infection in Juvenile Rainbow Trout with Implications for Catch-and-Release Angling. <i>North American Journal of Fisheries Management</i> , <b>2014</b> , 34, 1221-1226	1.1	6
384	State of the interface between conservation and physiology: a bibliometric analysis <b>2014</b> , 2, cou003		27
383	Making connections in aquatic ecosystems with acoustic telemetry monitoring. <i>Frontiers in Ecology and the Environment</i> , <b>2014</b> , 12, 565-573	5.5	98
382	A conceptual framework for the emerging discipline of conservation physiology <b>2014</b> , 2, cou033		26
381	Considering the fate of electronic tags: interactions with stakeholders and user responsibility when encountering tagged aquatic animals. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 1147-1153	7.7	16
380	Infectious disease, shifting climates, and opportunistic predators: cumulative factors potentially impacting wild salmon declines. <i>Evolutionary Applications</i> , <b>2014</b> , 7, 812-55	4.8	139
379	Behavioral attributes of turbine entrainment risk for adult resident fish revealed by acoustic telemetry and state-space modeling. <i>Animal Biotelemetry</i> , <b>2014</b> , 2, 13	2.8	17
378	Use of portable blood physiology point-of-care devices for basic and applied research on vertebrates: a review <b>2014</b> , 2, cou011		130
377	Burst swimming in areas of high flow: delayed consequences of anaerobiosis in wild adult sockeye salmon. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 587-98	2	64
376	The influence of water temperature and accelerometer-determined fight intensity on physiological stress and reflex impairment of angled largemouth bass <b>2014</b> , 2, cou057		29
375	Where the waters meet: sharing ideas and experiences between inland and marine realms to promote sustainable fisheries management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2014</b> , 71, 1593-1601	2.4	31
374	Hooking injury, physiological status and short-term mortality of juvenile lemon sharks ( <i>Negaprion brevirostris</i> ) following catch-and-release recreational angling <b>2014</b> , 2, cot036		55
373	Disentangling the roles of air exposure, gill net injury, and facilitated recovery on the postcapture and release mortality and behavior of adult migratory sockeye salmon ( <i>Oncorhynchus nerka</i> ) in freshwater. <i>Physiological and Biochemical Zoology</i> , <b>2014</b> , 87, 125-35	2	31
372	Physiological stress response, reflex impairment, and survival of five sympatric shark species following experimental capture and release. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 496, 207-218	2.6	154
371	Observable impairments predict mortality of captured and released sockeye salmon at various temperatures <b>2014</b> , 2, cou029		15
370	Can fish really feel pain?. <i>Fish and Fisheries</i> , <b>2014</b> , 15, 97-133	6	138

369	Effectiveness of pulse flows in a regulated river for inducing upstream movement of an imperiled stock of Chinook salmon. <i>Aquatic Sciences</i> , <b>2014</b> , 76, 231-241	2.5	5
368	Biological carryover effects: linking common concepts and mechanisms in ecology and evolution. <i>Ecosphere</i> , <b>2014</b> , 5, art28	3.1	169
367	Behavioural and reflex responses of mottled mojarra <i>Eucinostomus lefroyi</i> (Gerreidae) to cold shock exposure. <i>Aquatic Biology</i> , <b>2014</b> , 23, 101-108	2	3
366	Does cortisol manipulation influence outmigration behaviour, survival and growth of sea trout? A field test of carryover effects in wild fish. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 496, 135-144	2.6	22
365	Coastal marine and in-river migration behaviour of adult sockeye salmon en route to spawning grounds. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 496, 71-84	2.6	13
364	Tracking fitness in marine vertebrates: current knowledge and opportunities for future research. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 496, 1-17	2.6	39
363	Foraging behaviour and activity of a marine benthivorous fish estimated using tri-axial accelerometer biologgers. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 505, 241-251	2.6	41
362	Comparative Evaluation of Four Presumptive Tests for Blood to Detect Epithelial Injury on Fish. <i>Journal of Fish and Wildlife Management</i> , <b>2014</b> , 5, 26-34	0.7	2
361	Tagging Fish in the Field: Ethical and Procedural Considerations. A Comment to the Recent Paper of D. Mulcahy; Legal, Ethical and Procedural Bases for the Use of Aseptic Techniques to Implant Electronic Devices, (Journal of Fish and Wildlife Management 4:211-219). <i>Journal of Fish and Wildlife Management</i> , <b>2014</b> , 5, 441-444	0.7	4
360	MULTISPECIES FISH PASSAGE BEHAVIOUR IN A VERTICAL SLOT FISHWAY ON THE RICHELIEU RIVER, QUEBEC, CANADA. <i>River Research and Applications</i> , <b>2013</b> , 29, 582-592	2.3	47
359	Voluntary institutions and behaviours as alternatives to formal regulations in recreational fisheries management. <i>Fish and Fisheries</i> , <b>2013</b> , 14, 439-457	6	80
358	The status of fishways in Canada: trends identified using the national CanFishPass database. <i>Reviews in Fish Biology and Fisheries</i> , <b>2013</b> , 23, 271-281	6	29
357	Recreational anglers' attitudes, beliefs, and behaviors related to catch-and-release practices of Pacific salmon in British Columbia. <i>Journal of Environmental Management</i> , <b>2013</b> , 128, 852-65	7.9	24
356	Tracking animals in freshwater with electronic tags: past, present and future. <i>Animal Biotelemetry</i> , <b>2013</b> , 1, 5	2.8	144
355	Sexual and seasonal dimorphism in adult adfluvial bull trout ( <i>Salvelinus confluentus</i> ). <i>Canadian Journal of Zoology</i> , <b>2013</b> , 91, 480-488	1.5	7
354	What is conservation physiology? Perspectives on an increasingly integrated and essential science(1) <b>2013</b> , 1, cot001		283
353	Does UV disinfection compromise sutures? An evaluation of tissue response and suture retention in salmon surgically implanted with transmitters. <i>Fisheries Research</i> , <b>2013</b> , 147, 32-35	2.3	2
352	Movement patterns of bonefish ( <i>Albula vulpes</i> ) in tidal creeks and coastal waters of Eleuthera, The Bahamas. <i>Fisheries Research</i> , <b>2013</b> , 147, 404-412	2.3	44

351	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> , <b>2013</b> , 83, 997-1018	1.9	57
350	Diel vertical migration of adult burbot: a dynamic trade-off among feeding opportunity, predation avoidance, and bioenergetic gain. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2013</b> , 70, 1765-1774	2.4	29
349	Biology of lake sturgeon ( <i>Acipenser fulvescens</i> ) spawning below a dam on the Richelieu River, Quebec: behaviour, egg deposition, and endocrinology. <i>Canadian Journal of Zoology</i> , <b>2013</b> , 91, 175-186	1.5	28
348	Mobilizing New Science into Management Practice: The Challenge of Biotelemetry for Fisheries Management, a Case Study of Canada's Fraser River. <i>Journal of International Wildlife Law and Policy</i> , <b>2013</b> , 16, 331-351	1.1	36
347	Does nest predation pressure influence the energetic cost of nest guarding in a teleost fish?. <i>Environmental Biology of Fishes</i> , <b>2013</b> , 96, 93-107	1.6	7
346	Northern pike bycatch in an inland commercial hoop net fishery: Effects of water temperature and net tending frequency on injury, physiology, and survival. <i>Fisheries Research</i> , <b>2013</b> , 137, 41-49	2.3	19
345	Health, condition, and survival of creek chub ( <i>Semotilus atromaculatus</i> ) across a gradient of stream habitat quality following an experimental cortisol challenge. <i>Hydrobiologia</i> , <b>2013</b> , 702, 283-296	2.4	11
344	Sex-specific consequences of experimental cortisol elevation in pre-reproductive wild largemouth bass. <i>Journal of Experimental Zoology</i> , <b>2013</b> , 319, 23-31		8
343	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> , <b>2013</b> , 440, 207-215	2.1	87
342	Improving the reliability of fishway attraction and passage efficiency estimates to inform fishway engineering, science, and practice. <i>Ecological Engineering</i> , <b>2013</b> , 58, 123-132	3.9	101
341	Calibrating acoustic acceleration transmitters for estimating energy use by wild adult Pacific salmon. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2013</b> , 164, 491-8	2.6	53
340	Diel vertical migration hypotheses explain size-dependent behaviour in a freshwater piscivore. <i>Animal Behaviour</i> , <b>2013</b> , 86, 365-373	2.8	22
339	Influence of water temperature and net tending frequency on the condition of fish bycatch in a small-scale inland commercial fyke net fishery. <i>Journal for Nature Conservation</i> , <b>2013</b> , 21, 217-224	2.3	8
338	Issues Regarding the Use of Sedatives in Fisheries and the Need for Immediate-Release Options. <i>Transactions of the American Fisheries Society</i> , <b>2013</b> , 142, 156-170	1.7	42
337	The physiological consequences of catch-and-release angling: perspectives on experimental design, interpretation, extrapolation and relevance to stakeholders. <i>Fisheries Management and Ecology</i> , <b>2013</b> , 20, 268-287	1.8	120
336	Towards resilient recreational fisheries on a global scale through improved understanding of fish and fisher behaviour. <i>Fisheries Management and Ecology</i> , <b>2013</b> , 20, 91-98	1.8	69
335	Effects of an experimental short-term cortisol challenge on the behaviour of wild creek chub <i>Semotilus atromaculatus</i> in mesocosm and stream environments. <i>Journal of Fish Biology</i> , <b>2013</b> , 82, 1138-1148	1.9	13
334	Biological effectiveness of an inexpensive nature-like fishway for passage of warmwater fish in a small Ontario stream. <i>Ecology of Freshwater Fish</i> , <b>2013</b> , 22, 374-383	2.1	32

333	Opportunities for Improving Aquatic Restoration Science and Monitoring through the Use of Animal Electronic-Tagging Technology. <i>BioScience</i> , <b>2013</b> , 63, 390-396	5.7	16
332	Intracoelomic Acoustic Tagging of Juvenile Sockeye Salmon: Swimming Performance, Survival, and Postsurgical Wound Healing in Freshwater and during a Transition to Seawater. <i>Transactions of the American Fisheries Society</i> , <b>2013</b> , 142, 515-523	1.7	24
331	Low cardiac and aerobic scope in a coastal population of sockeye salmon <i>Oncorhynchus nerka</i> with a short upriver migration. <i>Journal of Fish Biology</i> , <b>2013</b> , 82, 2104-12	1.9	44
330	Tracking and Protecting Marine Species at Risk: Scientific Advances, Sea of Governance Challenges. <i>Journal of International Wildlife Law and Policy</i> , <b>2013</b> , 16, 105-111	1.1	2
329	Comparison of Detection Efficiency among Three Sizes of Half-Duplex Passive Integrated Transponders Using Manual Tracking and Fixed Antenna Arrays. <i>North American Journal of Fisheries Management</i> , <b>2013</b> , 33, 7-13	1.1	27
328	Consequences of Incidental Otter Trawl Capture on Survival and Physiological Condition of Threatened Atlantic Sturgeon. <i>Transactions of the American Fisheries Society</i> , <b>2013</b> , 142, 1202-1214	1.7	26
327	Evaluation of Radio Telemetry to Study the Spatial Ecology of Checkered Puffers ( <i>Sphoeroides Testudineus</i> ) in Shallow Tropical Marine Systems. <i>Bulletin of Marine Science</i> , <b>2013</b> , 89, 559-569	1.3	4
326	Effects of post-capture ventilation assistance and elevated water temperature on sockeye salmon in a simulated capture-and-release experiment <b>2013</b> , 1, cot015		27
325	Tracking and Protecting Marine Species at Risk: Introduction to Special Issue, Part 2. <i>Journal of International Wildlife Law and Policy</i> , <b>2013</b> , 16, 227-228	1.1	
324	Alterations to dam-spill discharge influence sex-specific activity, behaviour and passage success of migrating adult sockeye salmon. <i>Ecohydrology</i> , <b>2013</b> , 7, n/a-n/a	2.5	7
323	Resilience of Pink Salmon and Chum Salmon to Simulated Fisheries Capture Stress Incurred upon Arrival at Spawning Grounds. <i>Transactions of the American Fisheries Society</i> , <b>2013</b> , 142, 524-539	1.7	38
322	Evaluation of a simple technique for recovering fish from capture stress: integrating physiology, biotelemetry, and social science to solve a conservation problem. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2013</b> , 70, 90-100	2.4	33
321	To Tag or not to Tag: Animal Welfare, Conservation, and Stakeholder Considerations in Fish Tracking Studies That Use Electronic Tags. <i>Journal of International Wildlife Law and Policy</i> , <b>2013</b> , 16, 352-374	1.1	23
320	Assisted Recovery Following Prolonged Submergence in Fishing Nets Can Be Beneficial to Turtles: An Assessment with Blood Physiology and Reflex Impairment. <i>Chelonian Conservation and Biology</i> , <b>2013</b> , 12, 172-177	0.9	7
319	Reach-scale movements of bull trout ( <i>Salvelinus confluentus</i> ) relative to hydropeaking operations in the Columbia River, Canada. <i>Ecohydrology</i> , <b>2013</b> , 7, n/a-n/a	2.5	4
318	Forebay use and entrainment rates of resident adult fish in a large hydropower reservoir. <i>Aquatic Biology</i> , <b>2013</b> , 19, 253-263	2	15
317	Physiological disturbances and behavioural impairment associated with the incidental capture of freshwater turtles in a commercial fyke-net fishery. <i>Endangered Species Research</i> , <b>2013</b> , 21, 13-23	2.5	9
316	Perspectives of fishers on turtle bycatch and conservation strategies in a small-scale inland commercial fyke net fishery. <i>Endangered Species Research</i> , <b>2013</b> , 22, 11-22	2.5	8

315	Refinement of bycatch reduction devices to exclude freshwater turtles from commercial fishing nets. <i>Endangered Species Research</i> , <b>2013</b> , 22, 251-261	2.5	10
314	Behaviour and physiology of mountain whitefish ( <i>Prosopium williamsoni</i> ) relative to short-term changes in river flow. <i>Ecology of Freshwater Fish</i> , <b>2012</b> , 21, 609-616	2.1	20
313	Linking ciguatera poisoning to spatial ecology of fish: a novel approach to examining the distribution of biotoxin levels in the great barracuda by combining non-lethal blood sampling and biotelemetry. <i>Science of the Total Environment</i> , <b>2012</b> , 427-428, 98-105	10.2	22
312	Fish stranding in freshwater systems: sources, consequences, and mitigation. <i>Journal of Environmental Management</i> , <b>2012</b> , 103, 133-41	7.9	85
311	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> , <b>2012</b> , 81, 576-99	1.9	85
310	Quantitative methods for analysing cumulative effects on fish migration success: a review. <i>Journal of Fish Biology</i> , <b>2012</b> , 81, 600-31	1.9	14
309	A breath of fresh air: avoiding anoxia and mortality of freshwater turtles in fyke nets by the use of floats. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2012</b> , 22, 198-205	2.6	24
308	Response to Torgersen et al. (2011): Reply to Diggles et al. (2011): Ecology and welfare of aquatic animals in wild capture fisheries. <i>Reviews in Fish Biology and Fisheries</i> , <b>2012</b> , 22, 367-369	6	
307	Influence of Hook Size and Style on Short-Term Survival of Deeply Hooked Bluegills. <i>North American Journal of Fisheries Management</i> , <b>2012</b> , 32, 869-874	1.1	7
306	Physiological and molecular endocrine changes in maturing wild sockeye salmon, <i>Oncorhynchus nerka</i> , during ocean and river migration. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2012</b> , 182, 77-90	2.2	25
305	Climate effects on growth, phenology, and survival of sockeye salmon ( <i>Oncorhynchus nerka</i> ): a synthesis of the current state of knowledge and future research directions. <i>Reviews in Fish Biology and Fisheries</i> , <b>2012</b> , 22, 887-914	6	52
304	Benefits and Risks of Adopting the Global Code of Practice for Recreational Fisheries. <i>Fisheries</i> , <b>2012</b> , 37, 165-172	1.1	2
303	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> , <b>2012</b> , 69, 330-342	2.4	87
302	Meta-analyses of the effects of river flow on fish movement and activity. <i>Environmental Reviews</i> , <b>2012</b> , 20, 211-219	4.5	45
301	Consequences of acute stress and cortisol manipulation on the physiology, behavior, and reproductive outcome of female Pacific salmon on spawning grounds. <i>Hormones and Behavior</i> , <b>2012</b> , 62, 67-76	3.7	52
300	Trends in shark bycatch research: current status and research needs. <i>Reviews in Fish Biology and Fisheries</i> , <b>2012</b> , 22, 719-737	6	86
299	Seasonal patterns in bycatch composition and mortality associated with a freshwater hoop net fishery. <i>Animal Conservation</i> , <b>2012</b> , 15, 53-60	3.2	22
298	Thermal biology and bioenergetics of different upriver migration strategies in a stock of summer-run Chinook salmon. <i>Journal of Thermal Biology</i> , <b>2012</b> , 37, 265-272	2.9	21

297	The influence of hook size, type, and location on hook retention and survival of angled bonefish ( <i>Albula vulpes</i> ). <i>Fisheries Research</i> , <b>2012</b> , 113, 147-152	2.3	20
296	Physiological and behavioural consequences of capture and retention in carp sacks on common carp ( <i>Cyprinus carpio</i> L.), with implications for catch-and-release recreational fishing. <i>Fisheries Research</i> , <b>2012</b> , 125-126, 57-68	2.3	16
295	Mitigating bycatch of freshwater turtles in passively fished fyke nets through the use of exclusion and escape modifications. <i>Fisheries Research</i> , <b>2012</b> , 125-126, 149-155	2.3	18
294	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> , <b>2012</b> , 109, 20960-5	11.5	113
293	Endangered river fish: factors hindering conservation and restoration. <i>Endangered Species Research</i> , <b>2012</b> , 17, 179-191	2.5	108
292	A synthesis of tagging studies examining the behaviour and survival of anadromous salmonids in marine environments. <i>PLoS ONE</i> , <b>2012</b> , 7, e31311	3.7	90
291	THE EFFECTIVENESS OF TISSUE BIOPSY AS A MEANS OF ASSESSING THE PHYSIOLOGICAL CONSEQUENCES OF FISHWAY PASSAGE. <i>River Research and Applications</i> , <b>2012</b> , 28, 1266-1274	2.3	14
290	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> , <b>2012</b> , 367, 1757-69	5.8	92
289	Supraphysiological cortisol elevation alters the response of wild bluegill sunfish to subsequent stressors. <i>Journal of Experimental Zoology</i> , <b>2012</b> , 317, 321-32		22
288	Accidental bait: do deceased fish increase freshwater turtle bycatch in commercial fyke nets?. <i>Environmental Management</i> , <b>2012</b> , 50, 31-8	3.1	2
287	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> , <b>2012</b> , 49, 90-98	5.8	117
286	The physiological response of the Caribbean reef shark ( <i>Carcharhinus perezii</i> ) to longline capture. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 162, 94-100 <sup>2.6</sup>		60
285	Condition dependent intra-individual repeatability of stress-induced cortisol in a freshwater fish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 161, 337-43 <sup>2.6</sup>		40
284	Oxidative stress associated with paternal care in smallmouth bass ( <i>Micropterus dolomieu</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 162, 212-8 <sup>2.6</sup>		25
283	Reproductive history and nest environment are correlated with circulating androgen and glucocorticoid concentrations in a parental care-providing teleost fish. <i>Physiological and Biochemical Zoology</i> , <b>2012</b> , 85, 209-18	2	4
282	Scientific and Stakeholder Perspectives on the Use of Circle Hooks in Recreational Fisheries. <i>Bulletin of Marine Science</i> , <b>2012</b> , 88, 395-410	1.3	25
281	Population-specific consequences of fisheries-related stressors on adult sockeye salmon. <i>Physiological and Biochemical Zoology</i> , <b>2012</b> , 85, 729-39	2	32
280	Sex and proximity to reproductive maturity influence the survival, final maturation, and blood physiology of Pacific salmon when exposed to high temperature during a simulated migration. <i>Physiological and Biochemical Zoology</i> , <b>2012</b> , 85, 62-73	2	53



279	Circle Hooks in Commercial, Recreational, and Artisanal Fisheries: Research Status and Needs for Improved Conservation and Management. <i>Bulletin of Marine Science</i> , <b>2012</b> , 88, 371-391	1.3	41
278	Differences in Information Use and Preferences Among Recreational Salmon Anglers: Implications for Management Initiatives to Promote Responsible Fishing. <i>Human Dimensions of Wildlife</i> , <b>2012</b> , 17, 248-256	1.6	22
277	Largemouth Bass Selected for Differential Vulnerability to Angling Exhibit Similar Routine Locomotory Activity in Experimental Ponds. <i>Transactions of the American Fisheries Society</i> , <b>2012</b> , 141, 1252-1259	1.7	19
276	Aboriginal fisher perspectives on use of biotelemetry technology to study adult Pacific salmon. <i>Knowledge and Management of Aquatic Ecosystems</i> , <b>2012</b> , 08	1.4	3
275	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> , <b>2012</b> , 7, e39079	3.7	76
274	Swimming activity of migrating Chinook salmon in a regulated river. <i>Aquatic Biology</i> , <b>2012</b> , 17, 47-56	2	10
273	Use of radiotelemetry to track threatened dorados <i>Salminus brasiliensis</i> in the upper Uruguay River, Brazil. <i>Endangered Species Research</i> , <b>2011</b> , 15, 103-114	2.5	20
272	Freshwater Commercial Bycatch: An Understated Conservation Problem. <i>BioScience</i> , <b>2011</b> , 61, 271-280	5.7	54
271	Evaluation of Two Forms of Electroanesthesia and Carbon Dioxide for Short-Term Anesthesia in Walleye. <i>North American Journal of Fisheries Management</i> , <b>2011</b> , 31, 914-922	1.1	47
270	Advancing the Science and Practice of Fish Kill Investigations. <i>Reviews in Fisheries Science</i> , <b>2011</b> , 19, 21-33		50
269	Estimating mortality of Atlantic bluefin tuna ( <i>Thunnus thynnus</i> ) in an experimental recreational catch-and-release fishery. <i>Biological Conservation</i> , <b>2011</b> , 144, 2684-2691	6.2	38
268	Evaluation of common angling-induced sources of epithelial damage for popular freshwater sport fish using fluorescein. <i>Fisheries Research</i> , <b>2011</b> , 109, 217-224	2.3	25
267	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> , <b>2011</b> , 108, 133-141	2.3	73
266	Injury and immediate mortality associated with recreational troll capture of bull trout ( <i>Salvelinus confluentus</i> ) in a reservoir in the Kootenay-Rocky Mountain region of British Columbia. <i>Fisheries Research</i> , <b>2011</b> , 109, 379-383	2.3	15
265	Evaluation of the physiology, behaviour, and survival of adult muskellunge ( <i>Esox masquinongy</i> ) captured and released by specialized anglers. <i>Fisheries Research</i> , <b>2011</b> , 110, 377-386	2.3	45
264	Physiological impairment of adult sockeye salmon in fresh water after simulated capture-and-release across a range of temperatures. <i>Fisheries Research</i> , <b>2011</b> , 112, 85-95	2.3	51
263	Capture technique and fish personality: angling targets timid bluegill sunfish, <i>Lepomis macrochirus</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2011</b> , 68, 749-757	2.4	94
262	Genomic signatures predict migration and spawning failure in wild Canadian salmon. <i>Science</i> , <b>2011</b> , 331, 214-7	33.3	149

261	Fish movement and migration studies in the Laurentian Great Lakes: Research trends and knowledge gaps. <i>Journal of Great Lakes Research</i> , <b>2011</b> , 37, 365-379	3	51
260	Contrasting Global Game Fish and Non-Game Fish Species. <i>Fisheries</i> , <b>2011</b> , 36, 385-397	1.1	19
259	Fitness and behavioral correlates of pre-stress and stress-induced plasma cortisol titers in pink salmon ( <i>Oncorhynchus gorbuscha</i> ) upon arrival at spawning grounds. <i>Hormones and Behavior</i> , <b>2011</b> , 60, 489-97	3.7	36
258	Ocean Tracking Network Canada: A Network Approach to Addressing Critical Issues in Fisheries and Resource Management with Implications for Ocean Governance. <i>Fisheries</i> , <b>2011</b> , 36, 583-592	1.1	69
257	Perspectives from early career researchers on the publication process in ecology in response to Statzner & Resh (2010). <i>Freshwater Biology</i> , <b>2011</b> , 56, 2405-2412	3.1	17
256	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> , <b>2011</b> , 17, 99-114	11.4	113
255	Generation of priority research questions to inform conservation policy and management at a national level. <i>Conservation Biology</i> , <b>2011</b> , 25, 476-84	6	66
254	Engaging the recreational angling community to implement and manage aquatic protected areas. <i>Conservation Biology</i> , <b>2011</b> , 25, 458-64	6	27
253	The influence of selection for vulnerability to angling on foraging ecology in largemouth bass <i>Micropterus salmoides</i> . <i>Journal of Fish Biology</i> , <b>2011</b> , 79, 1017-28	1.9	26
252	The efficacy of field techniques for obtaining and storing blood samples from fishes. <i>Journal of Fish Biology</i> , <b>2011</b> , 79, 1322-33	1.9	49
251	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> , <b>2011</b> , 396, 147-155	2.1	61
250	Impacts of dissolved oxygen on the behavior and physiology of bonefish: Implications for live-release angling tournaments. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2011</b> , 402, 19-26	2.1	28
249	The stress physiology of extended duration tonic immobility in the juvenile lemon shark, <i>Negaprion brevirostris</i> (Poey 1868). <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2011</b> , 409, 351-360	2.1	34
248	The glucocorticoid stress response is attenuated but unrelated to reproductive investment during parental care in a teleost fish. <i>General and Comparative Endocrinology</i> , <b>2011</b> , 170, 215-21	3	24
247	An introduction to the practical and ethical perspectives on the need to advance and standardize the intracoelomic surgical implantation of electronic tags in fish. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 1-9	6	34
246	Training considerations for the intracoelomic implantation of electronic tags in fish with a summary of common surgical errors. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 11-24	6	17
245	Evaluation of water entry into the coelom and different levels of aseptic technique during surgical implantation of electronic tags in freshwater fish. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 61-70	6	11
244	Surgical implantation techniques for electronic tags in fish. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 71-81	6	92

243	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> , <b>2011</b> , 21, 127-151	6	168
242	Trends in the reporting of tagging procedures for fish telemetry studies that have used surgical implantation of transmitters: a call for more complete reporting. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 117-126	6	24
241	Ecology and welfare of aquatic animals in wild capture fisheries. <i>Reviews in Fish Biology and Fisheries</i> , <b>2011</b> , 21, 739-765	6	42
240	Circulating androgens are influenced by parental nest defense in a wild teleost fish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2011</b> , 197, 711-5	2.3	12
239	The glucocorticoid stress response is repeatable between years in a wild teleost fish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2011</b> , 197, 1189-96	2.3	21
238	Aggregations and offshore movements as indicators of spawning activity of bonefish ( <i>Albula vulpes</i> ) in The Bahamas. <i>Marine Biology</i> , <b>2011</b> , 158, 1981-1999	2.5	60
237	Spatial ecology and residency patterns of adult great barracuda ( <i>Sphyraena barracuda</i> ) in coastal waters of The Bahamas. <i>Marine Biology</i> , <b>2011</b> , 158, 2227-2237	2.5	41
236	Fishway passage and post-passage mortality of up-river migrating sockeye salmon in the Seton River, British Columbia. <i>River Research and Applications</i> , <b>2011</b> , 27, 693-705	2.3	73
235	The consequences of short-term cortisol elevation on individual physiology and growth rate in wild largemouth bass ( <i>Micropterus salmoides</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2011</b> , 68, 693-705	2.4	32
234	Thermal biology of bonefish ( <i>Albula vulpes</i> ) in Bahamian coastal waters and tidal creeks: An integrated laboratory and field study. <i>Journal of Thermal Biology</i> , <b>2011</b> , 36, 38-48	2.9	34
233	Effects of Intracoelomic Radio Transmitter Implantation on Mountain Whitefish ( <i>Prosopium williamsoni</i> ). <i>Northwest Science</i> , <b>2011</b> , 85, 542-548	0.8	2
232	Behavioral and physiological consequences of nest predation pressure for larval fish. <i>Behavioral Ecology</i> , <b>2011</b> , 22, 510-519	2.3	5
231	Ecosystem approach to inland fisheries: research needs and implementation strategies. <i>Biology Letters</i> , <b>2011</b> , 7, 481-3	3.6	105
230	Sustainable "Seafood" Ecolabeling and Awareness Initiatives in the Context of Inland Fisheries: Increasing Food Security and Protecting Ecosystems. <i>BioScience</i> , <b>2011</b> , 61, 911-918	5.7	11
229	A Network Approach to Addressing Strategic Fisheries, Aquaculture, and Aquatic Sciences Issues at a National Scale: An Introduction to a Series of Case Studies from Canada. <i>Fisheries</i> , <b>2011</b> , 36, 450-453	1.1	8
228	A Call for Mini-Reviews: An Effective but Underutilized Method of Synthesizing Knowledge to Inform and Direct Fisheries Management, Policy, and Research. <i>Fisheries</i> , <b>2011</b> , 36, 123-129	1.1	1
227	Post-release survival and physiology of angled luderick ( <i>Girella tricuspidata</i> ) after confinement in keeper nets in an Australian estuary. <i>ICES Journal of Marine Science</i> , <b>2011</b> , 68, 572-579	2.7	9
226	FISH MIGRATIONS   The Biology of Fish Migration <b>2011</b> , 1921-1927		25

225	Osmoregulatory, metabolic, and nutritional condition of summer-run male Chinook salmon in relation to their fate and migratory behavior in a regulated river. <i>Endangered Species Research</i> , <b>2011</b> , 14, 79-89	2.5	15
224	Behaviour and passage success of upriver-migrating lake sturgeon <i>Acipenser fulvescens</i> in a vertical slot fishway on the Richelieu River, Quebec, Canada. <i>Endangered Species Research</i> , <b>2011</b> , 15, 1-11	2.5	41
223	Behaviour and thermal experience of adult sockeye salmon migrating through stratified lakes near spawning grounds: the roles of reproductive and energetic states. <i>Ecology of Freshwater Fish</i> , <b>2010</b> , 19, 51-62	2.1	39
222	Providing context to the global code of practice for recreational fisheries. <i>Fisheries Management and Ecology</i> , <b>2010</b> , 17, 146-156	1.8	34
221	Testing the synergistic effects of GnRH and testosterone on the reproductive physiology of pre-adult pink salmon <i>Oncorhynchus gorbuscha</i> . <i>Journal of Fish Biology</i> , <b>2010</b> , 76, 112-28	1.9	5
220	Comparative energetics and physiology of parental care in smallmouth bass <i>Micropterus dolomieu</i> across a latitudinal gradient. <i>Journal of Fish Biology</i> , <b>2010</b> , 76, 280-300	1.9	12
219	Is there a need for a '100 questions exercise' to enhance fisheries and aquatic conservation, policy, management and research? Lessons from a global 100 questions exercise on conservation of biodiversity. <i>Journal of Fish Biology</i> , <b>2010</b> , 76, 2261-86	1.9	17
218	Harmonizing recreational fisheries and conservation objectives for aquatic biodiversity in inland waters. <i>Journal of Fish Biology</i> , <b>2010</b> , 76, 2194-215	1.9	141
217	Spatial ecology of adult muskellunge ( <i>Esox masquinongy</i> ) in the urban Ottawa reach of the historic Rideau Canal, Canada. <i>Aquatic Living Resources</i> , <b>2010</b> , 23, 225-230	1.5	14
216	Consequences of catch-and-release angling on the physiological status, injury, and immediate mortality of great barracuda ( <i>Sphyraena barracuda</i> ) in The Bahamas. <i>ICES Journal of Marine Science</i> , <b>2010</b> , 67, 1667-1675	2.7	24
215	Making conservation physiology relevant to policy makers and conservation practitioners. <i>Conservation Letters</i> , <b>2010</b> , 3, 159-166	6.9	123
214	Physiological condition differentially affects the behavior and survival of two populations of sockeye salmon during their freshwater spawning migration. <i>Physiological and Biochemical Zoology</i> , <b>2010</b> , 83, 446-58	2	26
213	Cardiovascular performance of six species of field-acclimatized centrarchid sunfish during the parental care period. <i>Journal of Experimental Biology</i> , <b>2010</b> , 213, 2332-42	3	6
212	Physiological responses of free-swimming adult coho salmon to simulated predator and fisheries encounters. <i>Physiological and Biochemical Zoology</i> , <b>2010</b> , 83, 973-83	2	53
211	Seasonal carryover effects following the administration of cortisol to a wild teleost fish. <i>Physiological and Biochemical Zoology</i> , <b>2010</b> , 83, 950-7	2	40
210	Effects of experimental manipulations of salinity and maturation status on the physiological condition and mortality of homing adult sockeye salmon held in a laboratory. <i>Physiological and Biochemical Zoology</i> , <b>2010</b> , 83, 459-72	2	21
209	The metabolic and biochemical basis of vulnerability to recreational angling after three generations of angling-induced selection in a teleost fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2010</b> , 67, 1983-1992	2.4	53
208	Behavioral and physiological responses of a wild teleost fish to cortisol and androgen manipulation during parental care. <i>Hormones and Behavior</i> , <b>2010</b> , 58, 599-605	3.7	57

207	Stability of swimming performance and activity hierarchies among wild largemouth bass at multiple temporal scales: evidence for context-dependent shuffling between seasons. <i>Canadian Journal of Zoology</i> , <b>2010</b> , 88, 324-333	1.5	16
206	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> , <b>2010</b> , 67, 70-84	2.4	85
205	Seasonal Energetics and Condition of Bonefish from Different Subtropical Tidal Creeks in Eleuthera, the Bahamas. <i>Marine and Coastal Fisheries</i> , <b>2010</b> , 2, 249-262	1.6	7
204	Locomotory activity and depth distribution of adult great barracuda ( <i>Sphyraena barracuda</i> ) in Bahamian coastal habitats determined using acceleration and pressure biotelemetry transmitters. <i>Marine and Freshwater Research</i> , <b>2010</b> , 61, 1446	2.2	34
203	Evaluation of the aquatic habitat and fish assemblage in an urban reach of the historic Rideau Canal, Ottawa, Canada: Implications for management in an engineered system. <i>Urban Ecosystems</i> , <b>2010</b> , 13, 563-582	2.8	9
202	Spatial ecology of juvenile lemon sharks ( <i>Negaprion brevirostris</i> ) in tidal creeks and coastal waters of Eleuthera, The Bahamas. <i>Environmental Biology of Fishes</i> , <b>2010</b> , 89, 95-104	1.6	32
201	Brood predation pressure during parental care does not influence parental enzyme activities related to swimming activity in a teleost fish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2010</b> , 155, 100-6	2.6	4
200	Individual Reproductive Success of Largemouth Bass and Smallmouth Bass Subjected to Different Components of Competitive Angling Events. <i>Transactions of the American Fisheries Society</i> , <b>2009</b> , 138, 818-825	1.7	16
199	Selection for Vulnerability to Angling in Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , <b>2009</b> , 138, 189-199	1.7	124
198	Maintaining the Competitiveness of the American Fisheries Society Journals: An Assessment Based on Influence and Cost-Effectiveness. <i>Fisheries</i> , <b>2009</b> , 34, 598-606	1.1	
197	Expanding the Toolbox: For studying the biological responses of individual fish to hydropower infrastructure and operating strategies. <i>Environmental Reviews</i> , <b>2009</b> , 17, 179-197	4.5	20
196	Physiological profiles of sockeye salmon in the Northeastern Pacific Ocean and the effects of exogenous GnRH and testosterone on rates of homeward migration. <i>Marine and Freshwater Behaviour and Physiology</i> , <b>2009</b> , 42, 89-108	1.1	13
195	Effect of water temperature on laboratory swimming performance and natural activity levels of adult largemouth bass. <i>Canadian Journal of Zoology</i> , <b>2009</b> , 87, 589-596	1.5	27
194	A Comparison of the Physiological Condition, and Fishway Passage Time and Success of Migrant Adult Sockeye Salmon at Seton River Dam, British Columbia, under Three Operational Water Discharge Rates. <i>North American Journal of Fisheries Management</i> , <b>2009</b> , 29, 1195-1205	1.1	20
193	The influence of dissolved oxygen on winter habitat selection by largemouth bass: an integration of field biotelemetry studies and laboratory experiments. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 143-52	2	33
192	Mechanisms influencing the timing and success of reproductive migration in a capital breeding semelparous fish species, the sockeye salmon. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 635-52	2	56
191	Is fishing selective for physiological and energetic characteristics in migratory adult sockeye salmon?. <i>Evolutionary Applications</i> , <b>2009</b> , 2, 299-311	4.8	7
190	Life-history traits and energetic status in relation to vulnerability to angling in an experimentally selected teleost fish. <i>Evolutionary Applications</i> , <b>2009</b> , 2, 312-23	4.8	33

189	Nutritional condition and physiology of paternal care in two congeneric species of black bass ( <i>Micropterus</i> spp.) relative to stage of offspring development. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2009</b> , 179, 253-66	2.2	20
188	The effect of shoreline recreational angling activities on aquatic and riparian habitat within an urban environment: implications for conservation and management. <i>Environmental Management</i> , <b>2009</b> , 44, 324-34	3.1	26
187	Strategies for the capture and transport of bonefish, <i>Albula vulpes</i> , from tidal creeks to a marine research laboratory for long-term holding. <i>Aquaculture Research</i> , <b>2009</b> , 40, 1538-1550	1.9	26
186	Physiological, energetic and behavioural correlates of successful fishway passage of adult sockeye salmon <i>Oncorhynchus nerka</i> in the Seton River, British Columbia. <i>Journal of Fish Biology</i> , <b>2009</b> , 74, 1323-36	1.9	47
185	Contrasting pragmatic and suffering-centred approaches to fish welfare in recreational angling. <i>Journal of Fish Biology</i> , <b>2009</b> , 75, 2448-63	1.9	34
184	Influence of Inter-Lake Variation in Natural Nest Predation Pressure on the Parental Care Behaviour of Smallmouth Bass ( <i>Micropterus dolomieu</i> ). <i>Ethology</i> , <b>2009</b> , 115, 608-616	1.7	25
183	The post-release behaviour and fate of tournament-caught smallmouth bass after <i>fizzing</i> to alleviate distended swim bladders. <i>Fisheries Research</i> , <b>2009</b> , 96, 313-318	2.3	13
182	Physiological and behavioural consequences of catch-and-release angling on northern pike ( <i>Esox lucius</i> L.). <i>Fisheries Research</i> , <b>2009</b> , 97, 223-233	2.3	77
181	Cut the line or remove the hook? An evaluation of sublethal and lethal endpoints for deeply hooked bluegill. <i>Fisheries Research</i> , <b>2009</b> , 99, 38-46	2.3	48
180	Consequences of fishing lure retention on the behaviour and physiology of free-swimming smallmouth bass during the reproductive period. <i>Fisheries Research</i> , <b>2009</b> , 100, 178-182	2.3	6
179	Paternal aggression towards a brood predator during parental care in wild smallmouth bass is not correlated with circulating testosterone and cortisol concentrations. <i>Hormones and Behavior</i> , <b>2009</b> , 55, 495-9	3.7	19
178	Causes and consequences of voluntary anorexia during the parental care period of wild male smallmouth bass ( <i>Micropterus dolomieu</i> ). <i>Hormones and Behavior</i> , <b>2009</b> , 56, 503-9	3.7	20
177	Stress and parental care in a wild Teleost fish: insights from exogenous supraphysiological cortisol implants. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 709-19	2	49
176	Why does size matter? A test of the benefits of female mate choice in a teleost fish based on morphological and physiological indicators of male quality. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 617-24	2	13
175	Limited behavioural thermoregulation by adult upriver-migrating sockeye salmon ( <i>Oncorhynchus nerka</i> ) in the Lower Fraser River, British Columbia. <i>Canadian Journal of Zoology</i> , <b>2009</b> , 87, 480-490	1.5	40
174	Long-term effects of surgically implanted telemetry tags on the nutritional physiology and condition of wild freshwater fish. <i>Diseases of Aquatic Organisms</i> , <b>2009</b> , 84, 35-41	1.7	35
173	Application of forensic techniques to enhance fish conservation and management: injury detection using presumptive tests for blood. <i>Endangered Species Research</i> , <b>2009</b> , 9, 169-178	2.5	11
172	Divergent life histories among smallmouth bass <i>Micropterus dolomieu</i> inhabiting a connected riverlake system. <i>Journal of Fish Biology</i> , <b>2008</b> , 73, 829-852	1.9	31

171	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> , <b>2008</b> , 73, 1351-1375	1.9	96
170	Cold shock and fish. <i>Journal of Fish Biology</i> , <b>2008</b> , 73, 1491-1530	1.9	219
169	Enhancing catch-and-release science with biotelemetry. <i>Fish and Fisheries</i> , <b>2008</b> , 9, 79-105	6	111
168	Behaviour and survival of pike, <i>Esox lucius</i> , with a retained lure in the lower jaw. <i>Fisheries Management and Ecology</i> , <b>2008</b> , 15, 459-466	1.8	22
167	Effects of lunar cycles on the activity patterns and depth use of a temperate sport fish, the largemouth bass, <i>Micropterus salmoides</i> . <i>Fisheries Management and Ecology</i> , <b>2008</b> , 15, 357-364	1.8	10
166	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> , <b>2008</b> , 33, 321-339	1.1	98
165	Behavioral and physiological responses of the congeneric largemouth ( <i>Micropterus salmoides</i> ) and smallmouth bass ( <i>M. dolomieu</i> ) to various exercise and air exposure durations. <i>Fisheries Research</i> , <b>2008</b> , 89, 9-16	2.3	42
164	An evaluation of the injury and short-term survival of bonefish ( <i>Albula</i> spp.) as influenced by a mechanical lip-gripping device used by recreational anglers. <i>Fisheries Research</i> , <b>2008</b> , 93, 248-252	2.3	15
163	Exploitation of specialised fisheries resources: The importance of hook size in recreational angling for large common carp ( <i>Cyprinus carpio</i> L.). <i>Fisheries Research</i> , <b>2008</b> , 94, 79-83	2.3	27
162	Exposure to high temperature influences the behaviour, physiology, and survival of sockeye salmon during spawning migration. <i>Canadian Journal of Zoology</i> , <b>2008</b> , 86, 127-140	1.5	154
161	Ecological Restoration and Physiology: An Overdue Integration. <i>BioScience</i> , <b>2008</b> , 58, 957-968	5.7	86
160	Severity of Barotrauma Influences the Physiological Status, Postrelease Behavior, and Fate of Tournament-Caught Smallmouth Bass. <i>North American Journal of Fisheries Management</i> , <b>2008</b> , 28, 607-617		39
159	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> , <b>2008</b> , 28, 123-134	1.1	90
158	Sexual Variation in Fisheries Research and Management: When Does Sex Matter?. <i>Reviews in Fisheries Science</i> , <b>2008</b> , 16, 421-436		32
157	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> , <b>2008</b> , 4, 165-185	2.5	201
156	Individual variation in migration speed of upriver-migrating sockeye salmon in the Fraser River in relation to their physiological and energetic status at marine approach. <i>Physiological and Biochemical Zoology</i> , <b>2008</b> , 81, 255-68	2	39
155	Pacific salmon in hot water: applying aerobic scope models and biotelemetry to predict the success of spawning migrations. <i>Physiological and Biochemical Zoology</i> , <b>2008</b> , 81, 697-708	2	269
154	Physiological correlates of coastal arrival and river entry timing in late summer Fraser River sockeye salmon ( <i>Oncorhynchus nerka</i> ). <i>Behavioral Ecology</i> , <b>2008</b> , 19, 747-758	2.3	33

153	Intersexual variation in the seasonal behaviour and depth distribution of a freshwater temperate fish, the largemouth bass. <i>Canadian Journal of Zoology</i> , <b>2008</b> , 86, 801-811	1.5	18
152	Physiology, Behavior, and Survival of Angled and Air-Exposed Largemouth Bass. <i>North American Journal of Fisheries Management</i> , <b>2008</b> , 28, 1059-1068	1.1	49
151	Latitudinal Variation in Physiological and Behavioral Responses of Nest-Guarding Smallmouth Bass to Common Recreational Angling Practices. <i>Transactions of the American Fisheries Society</i> , <b>2008</b> , 137, 1558-1566	1.7	5
150	Fish response to modified flow regimes in regulated rivers: research methods, effects and opportunities. <i>River Research and Applications</i> , <b>2008</b> , 24, 197-217	2.3	140
149	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 salmoides</i> ). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2008</b> , 18, 1315-1324	2.6	78
148	Parental care in response to natural variation in nest predation pressure in six sunfish ( <i>Centrarchidae: Teleostei</i> ) species. <i>Ecology of Freshwater Fish</i> , <b>2008</b> , 17, 628-638	2.1	11
147	Effects of Telemetry Transmitter Placement on Egg Retention in Naturally Spawning, Captively Reared Steelhead. <i>North American Journal of Fisheries Management</i> , <b>2007</b> , 27, 659-664	1.1	11
146	Physiological and behavioral consequences of long-term artificial selection for vulnerability to recreational angling in a teleost fish. <i>Physiological and Biochemical Zoology</i> , <b>2007</b> , 80, 480-90	2	103
145	Fish welfare: a challenge to the feelings-based approach, with implications for recreational fishing. <i>Fish and Fisheries</i> , <b>2007</b> , 8, 57-71	6	95
144	Catch-and-release science and its application to conservation and management of recreational fisheries. <i>Fisheries Management and Ecology</i> , <b>2007</b> , 14, 73-79	1.8	214
143	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> , <b>2007</b> , 14, 91-101	1.8	69
142	Effects of different angling practices on post-release behaviour of nest-guarding male black bass, <i>Micropterus</i> spp.. <i>Fisheries Management and Ecology</i> , <b>2007</b> , 14, 141-148	1.8	33
141	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> , <b>2007</b> , 14, 149-154	1.8	63
140	Frequency, composition and stability of associations among individual largemouth bass ( <i>Micropterus salmoides</i> ) at diel, daily and seasonal scales. <i>Ecology of Freshwater Fish</i> , <b>2007</b> , 16, 417-424	2.1	7
139	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> , <b>2007</b> , 148, 664-73	2.6	99
138	Morphological correlates of swimming activity in wild largemouth bass ( <i>Micropterus salmoides</i> ) in their natural environment. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2007</b> , 148, 913-20	2.6	21
137	Animal welfare perspectives on recreational angling. <i>Applied Animal Behaviour Science</i> , <b>2007</b> , 104, 176-198	2.6	97
136	Effects of recreational angling on the post-release behavior and predation of bonefish ( <i>Albula vulpes</i> ): The role of equilibrium status at the time of release. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2007</b> , 346, 127-133	2.1	110



135	Behaviour and physiology of sockeye salmon homing through coastal waters to a natal river. <i>Marine Biology</i> , <b>2007</b> , 152, 905-918	2.5	47
134	Do Catch-and-Release guidelines from state and provincial fisheries agencies in North America conform to scientifically based best practices?. <i>Environmental Management</i> , <b>2007</b> , 39, 760-73	3.1	51
133	Swimming performance and morphology of juvenile sockeye salmon, <i>Oncorhynchus nerka</i> : comparison of inlet and outlet fry populations. <i>Environmental Biology of Fishes</i> , <b>2007</b> , 78, 257-269	1.6	19
132	Assessment of largemouth bass ( <i>Micropterus salmoides</i> ) behaviour and activity at multiple spatial and temporal scales utilizing a whole-lake telemetry array. <i>Hydrobiologia</i> , <b>2007</b> , 582, 243-256	2.4	43
131	Conservation of Aquatic Resources through the Use of Freshwater Protected Areas: Opportunities and Challenges. <i>Biodiversity and Conservation</i> , <b>2007</b> , 16, 2015-2029	3.4	110
130	Failure of low-velocity swimming to enhance recovery from exhaustive exercise in largemouth bass ( <i>Micropterus salmoides</i> ). <i>Physiological and Biochemical Zoology</i> , <b>2007</b> , 80, 78-87	2	15
129	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> , <b>2007</b> , 86, 169-178	2.3	108
128	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> , <b>2007</b> , 15, 75-167		430
127	The Fate of Fish Released by Recreational Anglers. <i>Reviews: Methods and Technologies in Fish Biology and Fisheries</i> , <b>2007</b> , 181-234		15
126	Assessment of largemouth bass ( <i>Micropterus salmoides</i> ) behaviour and activity at multiple spatial and temporal scales utilizing a whole-lake telemetry array <b>2007</b> , 243-256		8
125	Hybridization among divergent stocks of largemouth bass ( <i>Micropterus salmoides</i> ) results in altered cardiovascular performance: the influence of genetic and geographic distance. <i>Physiological and Biochemical Zoology</i> , <b>2006</b> , 79, 400-10	2	14
124	Factors Contributing to the Physiological Disturbance in Walleyes during Simulated Live-Release Angling Tournaments. <i>Transactions of the American Fisheries Society</i> , <b>2006</b> , 135, 557-569	1.7	24
123	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> , <b>2006</b> , 63, 1067-1077	2.4	74
122	Capture Efficiencies of Two Hook Types and Associated Injury and Mortality of Juvenile Muskellunge Angled with Live Baitfish. <i>North American Journal of Fisheries Management</i> , <b>2006</b> , 26, 622-627	1.7	8
121	Physiology of individual late-run Fraser River sockeye salmon ( <i>Oncorhynchus nerka</i> ) sampled in the ocean correlates with fate during spawning migration. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2006</b> , 63, 1469-1480	2.4	59
120	Contrasting recreational and commercial fishing: Searching for common issues to promote unified conservation of fisheries resources and aquatic environments. <i>Biological Conservation</i> , <b>2006</b> , 128, 93-108	6.2	339
119	Conservation physiology. <i>Trends in Ecology and Evolution</i> , <b>2006</b> , 21, 38-46	10.9	585
118	Mechanistic basis of individual mortality in Pacific salmon during spawning migrations. <i>Ecology</i> , <b>2006</b> , 87, 1575-86	4.6	93

117	Integrating physiology and life history to improve fisheries management and conservation. <i>Fish and Fisheries</i> , <b>2006</b> , 7, 262-283	6	87
116	Is catch-and-release recreational angling compatible with no-take marine protected areas?. <i>Ocean and Coastal Management</i> , <b>2006</b> , 49, 342-354	3.9	62
115	Energetics of parental care in six syntopic centrarchid fishes. <i>Oecologia</i> , <b>2006</b> , 148, 235-49	2.9	56
114	Influence of Circle Hook Size on Hooking Efficiency, Injury, and Size Selectivity of Bluegill with Comments on Circle Hook Conservation Benefits in Recreational Fisheries. <i>North American Journal of Fisheries Management</i> , <b>2005</b> , 25, 211-219	1.1	66
113	Swimming Performance of Brook Trout after Simulated Catch-and-Release Angling: Looking for Air Exposure Thresholds. <i>North American Journal of Fisheries Management</i> , <b>2005</b> , 25, 1513-1517	1.1	51
112	Threats, conservation strategies, and prognosis for suckers (Catostomidae) in North America: insights from regional case studies of a diverse family of non-game fishes. <i>Biological Conservation</i> , <b>2005</b> , 121, 317-331	6.2	120
111	Largemouth bass catch rates and injury associated with non-offset and offset circle hook configurations. <i>Fisheries Research</i> , <b>2005</b> , 74, 306-311	2.3	10
110	Methodological Approaches and Opinions of Researchers Involved in the Surgical Implantation of Telemetry Transmitters in Fish. <i>Journal of Aquatic Animal Health</i> , <b>2005</b> , 17, 160-169	2.6	59
109	Behavioural Physiology of Fish Migrations: salmon as a model approach. <i>Fish Physiology</i> , <b>2005</b> , 24, 239-295		52
108	Metabolic rates and swimming performance of adult Fraser River sockeye salmon ( <i>Oncorhynchus nerka</i> ) after a controlled infection with <i>Parvicapsula minibicornis</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2005</b> , 62, 2124-2133	2.4	82
107	Global Impact of Recreational Fisheries. <i>Science</i> , <b>2005</b> , 307, 1561-1563	33.3	60
106	Use of electromyogram telemetry to assess the behavioural and energetic responses of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum) to transportation stress. <i>Aquaculture Research</i> , <b>2005</b> , 36, 1226-1238	1.8	38
105	Behaviour of walleye, <i>Sander vitreus</i> , and largemouth bass, <i>Micropterus salmoides</i> , exposed to different wave intensities and boat operating conditions during livewell confinement. <i>Fisheries Management and Ecology</i> , <b>2005</b> , 12, 19-26	1.8	25
104	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> , <b>2005</b> , 67, 1342-1358	1.9	125
103	The energetic impact of overwinter prey assemblages on age-0 largemouth bass, <i>Micropterus salmoides</i> . <i>Environmental Biology of Fishes</i> , <b>2005</b> , 72, 305-311	1.6	7
102	Do we need species-specific guidelines for catch-and-release recreational angling to effectively conserve diverse fishery resources?. <i>Biodiversity and Conservation</i> , <b>2005</b> , 14, 1195-1209	3.4	301
101	Influence of local adaptation and interstock hybridization on the cardiovascular performance of largemouth bass <i>Micropterus salmoides</i> . <i>Journal of Experimental Biology</i> , <b>2005</b> , 208, 2055-62	3	12
100	Ionoregulatory changes in different populations of maturing sockeye salmon <i>Oncorhynchus nerka</i> during ocean and river migration. <i>Journal of Experimental Biology</i> , <b>2005</b> , 208, 4069-78	3	82

99	Use of CDMA Acoustic Telemetry to Document 3-D Positions of Fish: Relevance to the Design and Monitoring of Aquatic Protected Areas. <i>Marine Technology Society Journal</i> , <b>2005</b> , 39, 31-41	0.5	50
98	Global impact of recreational fisheries. <i>Science</i> , <b>2005</b> , 307, 1561-3; author reply 1561-3	33.3	2
97	Abnormal Migration Timing and High en route Mortality of Sockeye Salmon in the Fraser River, British Columbia. <i>Fisheries</i> , <b>2004</b> , 29, 22-33	1.1	139
96	Ontogeny of Larval Greater Redhorse ( <i>Moxostoma valenciennesi</i> ). <i>American Midland Naturalist</i> , <b>2004</b> , 151, 93-100	0.7	4
95	Angling-induced cardiac disturbance of free-swimming largemouth bass ( <i>Micropterus salmoides</i> ) monitored with heart rate telemetry. <i>Journal of Applied Ichthyology</i> , <b>2004</b> , 20, 28-36	0.9	34
94	Activity and energetics of free-swimming fish: insights from electromyogram telemetry. <i>Fish and Fisheries</i> , <b>2004</b> , 5, 21-52	6	163
93	Effects of radio-transmitter antenna length on swimming performance of juvenile rainbow trout. <i>Ecology of Freshwater Fish</i> , <b>2004</b> , 13, 312-316	2.1	19
92	Sex-specific differences in cardiovascular performance of a centrarchid fish are only evident during the reproductive period. <i>Functional Ecology</i> , <b>2004</b> , 18, 398-403	5.6	19
91	Electrofishing-induced cardiac disturbance and injury in rainbow trout. <i>Journal of Fish Biology</i> , <b>2004</b> , 64, 996-1014	1.9	27
90	Understanding fish behavior, distribution, and survival in thermal effluents using fixed telemetry arrays: a case study of smallmouth bass in a discharge canal during winter. <i>Environmental Management</i> , <b>2004</b> , 33, 140-50	3.1	35
89	Are circle hooks an effective tool for conserving marine and freshwater recreational catch-and-release fisheries?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2004</b> , 14, 299-326	2.6	168
88	The Role of Recreational Fishing in Global Fish Crises. <i>BioScience</i> , <b>2004</b> , 54, 857	5.7	510
87	Construction of a Junction Box for Use with an Inexpensive, Commercially Available Underwater Video Camera Suitable for Aquatic Research. <i>North American Journal of Fisheries Management</i> , <b>2004</b> , 24, 253-257	1.1	10
86	Training, Experience, and Opinions of Researchers Who Use Surgical Techniques to Implant Telemetry Devices into Fish. <i>Fisheries</i> , <b>2004</b> , 29, 10-18	1.1	25
85	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> , <b>2004</b> , 118, 599-607	6.2	123
84	Effects of incremental increases in silt load on the cardiovascular performance of riverine and lacustrine rock bass, <i>Ambloplites rupestris</i> . <i>Environmental Pollution</i> , <b>2004</b> , 128, 437-44	9.3	13
83	Biotelemetry: a mechanistic approach to ecology. <i>Trends in Ecology and Evolution</i> , <b>2004</b> , 19, 334-43	10.9	607
82	Behavioral and physiological assessment of low concentrations of clove oil anaesthetic for handling and transporting largemouth bass ( <i>Micropterus salmoides</i> ). <i>Aquaculture</i> , <b>2004</b> , 239, 509-529	4.4	118

81	Effects of Stress on Largemouth Bass Reproduction. <i>North American Journal of Fisheries Management</i> , <b>2004</b> , 24, 1038-1045	1.1	43
80	Physiological Significance of the Weigh-In during Live-Release Angling Tournaments for Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , <b>2004</b> , 133, 1291-1303	1.7	77
79	A Modified Downrigger for Detecting Radio Transmitters in Deep Water. <i>North American Journal of Fisheries Management</i> , <b>2003</b> , 23, 258-263	1.1	4
78	Respiratory and Circulatory Responses to Hypoxia in Largemouth Bass and Smallmouth Bass: Implications for Live-Release Angling Tournaments. <i>Transactions of the American Fisheries Society</i> , <b>2003</b> , 132, 1065-1075	1.7	47
77	Cardiovascular Responses of Largemouth Bass to Exhaustive Exercise and Brief Air Exposure over a Range of Water Temperatures. <i>Transactions of the American Fisheries Society</i> , <b>2003</b> , 132, 1154-1165	1.7	47
76	Environmental Monitoring Using Physiological Telemetry [A Case Study Examining Common Carp Responses to Thermal Pollution in a Coal-Fired Generating Station Effluent. <i>Water, Air, and Soil Pollution</i> , <b>2003</b> , 142, 113-136	2.6	25
75	Low temperature cardiac response to exhaustive exercise in fish with different levels of winter quiescence. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2003</b> , 134, 157-65	2.6	36
74	Nesting activity, parental care behavior, and reproductive success of smallmouth bass, <i>Micropterus dolomieu</i> , in an unstable thermal environment. <i>Journal of Thermal Biology</i> , <b>2003</b> , 28, 445-456	2.9	27
73	Externally attached radio transmitters do not affect the parental care behaviour of rock bass. <i>Journal of Fish Biology</i> , <b>2003</b> , 62, 965-970	1.9	21
72	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> , <b>2003</b> , 62, 1366-1380	1.9	65
71	Effects of hook type on injury and capture efficiency of rock bass, <i>Ambloplites rupestris</i> , angled in south-eastern Ontario. <i>Fisheries Management and Ecology</i> , <b>2003</b> , 10, 269-271	1.8	18
70	Injury rates, hooking efficiency and mortality potential of largemouth bass ( <i>Micropterus salmoides</i> ) captured on circle hooks and octopus hooks. <i>Fisheries Research</i> , <b>2003</b> , 61, 135-144	2.3	49
69	Effects of landing net mesh type on injury and mortality in a freshwater recreational fishery. <i>Fisheries Research</i> , <b>2003</b> , 63, 275-282	2.3	68
68	Injury and Mortality Induced by Four Hook Types on Bluegill and Pumpkinseed. <i>North American Journal of Fisheries Management</i> , <b>2003</b> , 23, 883-893	1.1	52
67	Metabolic fright responses of different-sized largemouth bass ( <i>Micropterus salmoides</i> ) to two avian predators show variations in nonlethal energetic costs. <i>Canadian Journal of Zoology</i> , <b>2003</b> , 81, 699-709	1.5	62
66	Attachment, validation, and preliminary deployment of ultrasonic heart rate transmitters on largemouth bass, <i>Micropterus salmoides</i> . <i>Aquatic Living Resources</i> , <b>2002</b> , 15, 155-162	1.5	9
65	Determination of fish community composition in the untempered regions of a thermal effluent canal—the efficacy of a fixed underwater videography system. <i>Environmental Monitoring and Assessment</i> , <b>2002</b> , 73, 109-29	3.1	7
64	Human Dimensions of Wildlife Management in North America. EDITED BY D.J. DECKER, T.L. BROWN AND W.F. SIEMER, 447 pp., 28 1/2 x 8 cm, ISBN 0 933564 13 9 paperback, US\$ 40.00, Bethesda, MD, USA: The Wildlife Society, 2001. <i>Environmental Conservation</i> , <b>2002</b> , 29, 540-546	3.3	1

63	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> , <b>2002</b> , 80, 756-770	1.5	70
62	Assessment of Internal and External Antenna Configurations of Radio Transmitters Implanted in Smallmouth Bass. <i>North American Journal of Fisheries Management</i> , <b>2001</b> , 21, 236-241	1.1	32
61	The Influence of Terminal Tackle on Injury, Handling Time, and Cardiac Disturbance of Rock Bass. <i>North American Journal of Fisheries Management</i> , <b>2001</b> , 21, 333-342	1.1	104
60	The Effect of Scented Lures on the Hooking Injury and Mortality of Smallmouth Bass Caught by Novice and Experienced Anglers. <i>North American Journal of Fisheries Management</i> , <b>2001</b> , 21, 242-248	1.1	54
59	Physical activity and behavior of a centrarchid fish, <i>Micropterus salmoides</i> (Lacépède), during spawning. <i>Ecology of Freshwater Fish</i> , <b>2001</b> , 10, 227-237	2.1	18
58	Post-spawn movements and habitat use by greater redhorse, <i>Moxostoma valenciennesi</i> . <i>Ecology of Freshwater Fish</i> , <b>2001</b> , 10, 57-60	2.1	19
57	Physiological performance of largemouth bass related to local adaptation and interstock hybridization: implications for conservation and management. <i>Journal of Fish Biology</i> , <b>2001</b> , 59, 248-268	1.9	47
56	Comparison of several techniques for mobility and activity estimates of smallmouth bass in lentic environments. <i>Journal of Fish Biology</i> , <b>2001</b> , 58, 573-587	1.9	28
55	Additive Effects of Chlorinated Biocides and Water Temperature on Fish in Thermal Effluents with Emphasis on the Great Lakes. <i>Reviews in Fisheries Science</i> , <b>2001</b> , 9, 69-113		14
54	Cardiac Response to Variable Forced Exercise at Different Temperatures: An Angling Simulation for Smallmouth Bass. <i>Transactions of the American Fisheries Society</i> , <b>2001</b> , 130, 783-795	1.7	64
53	Comparison of several techniques for mobility and activity estimates of smallmouth bass in lentic environments <b>2001</b> , 58, 573		3
52	Swimming activity and energetic expenditure of captive rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum) estimated by electromyogram telemetry. <i>Aquaculture Research</i> , <b>2000</b> , 31, 495-505	1.9	56
51	Applications and characteristics of angler diary programmes in Ontario, Canada. <i>Fisheries Management and Ecology</i> , <b>2000</b> , 7, 473-487	1.8	45
50	Reproductive Activity and Summer Residency Patterns of Smallmouth Bass, <i>Micropterus dolomieu</i> , in a Thermal Discharge Canal on Lake Erie. <i>Journal of Freshwater Ecology</i> , <b>2000</b> , 15, 307-316	1.4	8
49	Winter Residency of Smallmouth Bass in a Thermal Discharge Canal: Implications for Tempering Pump Operation. <i>North American Journal of Fisheries Management</i> , <b>2000</b> , 20, 288-295	1.1	14
48	Effects of Retention Gear on the Injury and Short-Term Mortality of Adult Smallmouth Bass. <i>North American Journal of Fisheries Management</i> , <b>2000</b> , 20, 1033-1039	1.1	34
47	Locomotory Impairment of Nesting Male Largemouth Bass Following Catch-and-Release Angling. <i>North American Journal of Fisheries Management</i> , <b>2000</b> , 20, 968-977	1.1	68
46	Assessment of the Dunnville Fishway for Passage of Walleyes from Lake Erie to the Grand River, Ontario. <i>Journal of Great Lakes Research</i> , <b>2000</b> , 26, 482-488	3	35

45	Evidence to Challenge the 2% Rule For Biotelemetry. <i>North American Journal of Fisheries Management</i> , <b>1999</b> , 19, 867-871	1.1	205
44	Winter residency and activity patterns of channel catfish, <i>Ictalurus punctatus</i> (Rafinesque), and common carp, <i>Cyprinus carpio</i> L., in a thermal discharge canal. <i>Fisheries Management and Ecology</i> , <b>1999</b> , 6, 515-526	1.8	15
43	Movement and summer habitat of brown trout ( <i>Salmo trutta</i> ) below a pulsed discharge hydroelectric generating station. <i>River Research and Applications</i> , <b>1999</b> , 15, 395-403		50
42	Evidence to Challenge the 2% Rule For Biotelemetry <b>1999</b> , 19, 867		2
41	Movement and summer habitat of brown trout ( <i>Salmo trutta</i> ) below a pulsed discharge hydroelectric generating station <b>1999</b> , 15, 395		5
40	Creation and maintenance of habitat downstream from a weir for the greenside darter, <i>Etheostoma blennioides</i> – a rare fish in Canada. <i>Environmental Biology of Fishes</i> , <b>1998</b> , 51, 297	1.6	18
39	Injury and short term mortality of benthic stream fishes – a comparison of collection techniques. <i>Hydrobiologia</i> , <b>1998</b> , 379, 207-211	2.4	27
38	Species Diversity, Phylogeny and Phylogeography of Centrarchidae1-38		4
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24	Application of telemetry and stable isotope analyses to inform the resource ecology and management of a marine fish. <i>Journal of Applied Ecology</i> ,	5.8	1
23	Seasonal variation in the phenology of Atlantic tarpon in the Florida Keys: migration, occupancy, repeatability, and management implications. <i>Marine Ecology - Progress Series</i> ,	2.6	1
22	Tracking the early stages of an invasion with biotelemetry: behaviour of round goby ( <i>Neogobius melanostomus</i> ) in Canada's historic Rideau Canal. <i>Biological Invasions</i> ,1	2.7	0
21	Insights from a novel, user-driven science transfer program for resource management. <i>Socio-Ecological Practice Research</i> ,1	3	0
20	Effects of short-term decomposition on isotope values of fish tissues under natural conditions. <i>Aquatic Ecology</i> ,1	1.9	1
19	Automated Coastal Ice Mapping with SAR Can Inform Winter Fish Ecology in the Laurentian Great Lakes. <i>Canadian Journal of Remote Sensing</i> ,1-18	1.8	
18	Do carbonated beverages reduce bleeding from gill injuries in angled Northern Pike?: In Prep for North American Journal of Fisheries Management		1
17	On the alarming state of freshwater biodiversity in Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> ,	2.4	2
16	Is the Anthropause a useful symbol and metaphor for raising environmental awareness and promoting reform?. <i>Environmental Conservation</i> ,1-4	3.3	3
15	Historical, contemporary, and future perspectives on a coupled social-ecological system in a changing world: Canada's historic Rideau Canal. <i>Environmental Reviews</i> ,	4.5	3
14	Sustainable inland fisheries [perspectives from the recreational, commercial and subsistence sectors from around the globe467-505		6
13	A Global Agenda for Advancing Freshwater Biodiversity Research		2
12	The ten steps to responsible Inland fisheries in practice: reflections from diverse regional case studies around the globe. <i>Reviews in Fish Biology and Fisheries</i> ,1	6	0
11	Social Network Analysis Reveals the Subtle Impacts of Tourist Provisioning on the Social Behavior of a Generalist Marine Apex Predator. <i>Frontiers in Marine Science</i> ,8,	4.5	2
10	Correction: Understanding gas bubble trauma in an era of hydropower expansion: how do fish compensate at depth?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> ,1-1	2.4	

9	Physiological performance of largemouth bass related to local adaptation and interstock hybridization: implications for conservation and management	59, 248	1
8	Estimating Adult Pacific Salmon Energy Use in Coastal British Columbia and the Fraser River Estuary with Acoustic Accelerometer Transmitters. <i>Estuaries and Coasts</i> ,1		2.8
7	Does bait type and bait container configuration influence the performance of remote underwater video systems in temperate freshwater lakes for assessing fish community structure?. <i>Hydrobiologia</i> ,1		2.4 0
6	Ethical ecosurveillance: Mitigating the potential impacts on humans of widespread environmental monitoring. <i>People and Nature</i> ,		5.9
5	Principles for the production of evidence-based guidance for conservation actions. <i>Conservation Science and Practice</i> ,		2.2 0
4	On the relevance of animal behavior to the management and conservation of fishes and fisheries. <i>Environmental Biology of Fishes</i> ,1		1.6 0
3	An assessment tool for estimating effects of entrainment at hydropower facilities on adfluvial fish populations. <i>Environment Systems and Decisions</i> ,1		4.1
2	Innovating transcriptomics for practitioners in freshwater fish management and conservation: best practices across diverse resource-sector users. <i>Reviews in Fish Biology and Fisheries</i> ,1		6 0
1	Applications of telemetry to fish habitat science and management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> ,1-13		2.4 0