2014 List of Journals

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This monthly journal has a 30-year history of publishing, first as the *Canadian Journal of Sport Sciences* and later as the *Canadian Journal of Applied Physiology*. It publishes original research articles, reviews, and commentaries focusing on the application of physiology, nutrition, and metabolism to the study of human health, physical activity, and fitness. The published research, reviews, and symposia will be of interest to exercise physiologists, physical fitness and exercise rehabilitation specialists, public health and health care professionals, as well as basic and applied physiologists, nutritionists, and biochemists.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Current Contents/Life Sciences, Excerpta Medica Abstract Journals, Focus On: Sports Science and Medicine, MEDLINE/PubMed, Nutrition Abstracts and Reviews Series A: Human and Experimental, Physical Education Index, Science Citation Index Expanded, Scopus, and more.
Published since 1929, this bimonthly journal explores every aspect of general biochemistry and includes up-to-date coverage of experimental research into cellular and molecular biology, as well as review articles on topics of current interest and notes contributed by recognized international experts. Special issues each year are dedicated to expanding new areas of research in biochemistry and cell biology.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Biochemistry and Biophysics Citation Index, BIOSIS, Chemical Abstracts, Current Contents/Life Sciences, MEDLINE/PubMed, Nucleic Acids Abstracts, Science Citation Index, Scopus, and more.
Published since 1929, this monthly journal features comprehensive research articles and notes in all segments of plant sciences, including cell and molecular biology, ecology, mycology and plant–microbe interactions, phycology, physiology and biochemistry, structure and development, genetics, systematics, and phytogeography. It also publishes methods, commentary, and review articles on topics of current interest, contributed by internationally recognized scientists.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: BIOBASE, BIOSIS, CAB Abstracts, Crop Physiology Abstracts, Current Contents, Plant Breeding Abstracts, Plant Genetic Resources Abstracts, Review of Plant Pathology, Science Citation Index, Scopus, and more.

The journal Botany has been designated one of the 100 most influential journals of the past 100 years by the Special Libraries Association.
Published since 1963, this monthly journal features articles, notes, and discussions related to new developments in geotechnical and geoenvironmental engineering, and applied sciences. The topics of papers written by researchers, theoreticians, and engineers/scientists active in industry include soil and rock mechanics, material properties and fundamental behaviour, site characterization, foundations, excavations, tunnels, dams and embankments, slopes, landslides, geological and rock engineering, ground improvement, hydrogeology and contaminant hydrogeology, geochemistry, waste management, geosynthetics, offshore engineering, ice, frozen ground and northern engineering, risk and reliability applications, and physical and numerical modelling. Contributions that have practical relevance are preferred, including case records. Purely theoretical contributions are not generally published unless they are on a topic of special interest (like unsaturated soil mechanics or cold regions geotechnics) or they have direct practical value.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Arctic & Antarctic Regions (AAR), Compendex (COMPuterized ENgineering InDEX), CSA Civil Engineering Abstracts, Current Contents, GEOBASE, GeoRef, Irrigation and Drainage Abstracts, Science Citation Index, Scopus, and more.
Published since 1973, this monthly journal is the official publication of the Canadian Society for Civil Engineering. It contains articles on environmental engineering, hydrotechnical engineering, structural engineering, construction engineering, transportation engineering, engineering mechanics, engineering materials, and civil engineering history. Articles are contributed by recognized researchers and practitioners in industry, government, and academia. New developments and case histories in engineering design and construction are also featured.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Compendex (COMPuterized ENgineering InDEX), CSA Civil Engineering Abstracts, CSA Technology Research Database, Current Contents, International Civil Engineering Abstracts, Science Citation Index, Scopus, and more.
Published since 1963, this monthly journal reports current research in climate and environmental geoscience; geoarchaeology and forensic geoscience; geochronology and geochemistry; geophysics; GIS and geomatics; hydrology; mineralogy and petrology; mining and engineering geology; ore deposits and economic geology; paleontology, petroleum geology and basin analysis; physical geography and Quaternary geoscience; planetary geoscience; sedimentology and stratigraphy; soil sciences; and structural geology and tectonics. It also publishes special issues that focus on information and studies about a particular segment of earth sciences.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Compendex (COMPuterized ENgineering InDEX), Current Contents, GEOBASE, GeoRef, Meteorological and Geoastrophysical Abstracts, Petroleum Abstracts, Science Citation Index, Scopus, and more.
Published since 1929, this monthly journal reports current research findings in all branches of chemistry. It includes the traditional areas of analytical, inorganic, organic, and physical–theoretical chemistry and newer interdisciplinary areas such as materials science, spectroscopy, chemical physics, and biological, medicinal, and environmental chemistry. Articles describing original research are welcomed.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Chemical Abstracts, Chemistry Citation Index, Chimica, Compendex (COMPuterized ENgineering InDEX), Current Contents, Index Chemicus, INIS Atomindex, Methods in Organic Synthesis, Reaction Citation Index, Science Citation Index, Scopus, and more.

Senior Editor: Yining Huang, University of Western Ontario, Canada

Dr. Yining Huang obtained his B.Sc and M.Sc from Peking University and earned his Ph.D. from McGill University. After an NSERC post-doctoral fellowship at the University of British Columbia, he started his independent academic career at Laurentian University (Sudbury, Ontario) as an Assistant Professor. He is currently a Professor of Chemistry at the University of Western Ontario. Dr. Huang was Canada Research Chair (Tier 2) in Materials Characterization from 2002 to 2012 and the recipient of Premier’s Research Excellence Award and Florence Bucke Science Prize. He was Associate Editor (Materials) of the Canadian Journal of Chemistry between 2006 and 2012. His current research interest focuses on characterization of porous materials (microporous, mesoporous materials, and metal-organic frameworks) by vibrational and solid-state NMR spectroscopy.
Published continuously since 1901 (under various titles), this monthly journal is the primary publishing vehicle for the multidisciplinary field of aquatic sciences. It publishes perspectives (syntheses, critiques, and re-evaluations), discussions (comments and replies), articles, and rapid communications, reporting current research on cells, organisms, populations, ecosystems, or processes that affect aquatic systems. The journal seeks to amplify, modify, question, or redirect accumulated knowledge in the field of fisheries and aquatic science. Occasional supplements are dedicated to single topics or proceedings of international symposia.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Aqualine, BIOSIS, CAB Abstracts, Canadian Fisheries Abstracts, Current Contents, Ecology Abstracts, Oceanic Abstracts, Science Citation Index, Scopus, and more.
Published since 1971, this monthly journal features articles, reviews, notes, and commentaries on all aspects of forest science, including biometrics and mensuration, conservation, disturbance, ecology, economics, entomology, fire, genetics, management, operations, pathology, physiology, policy, remote sensing, social science, soil, silviculture, wildlife and wood science, contributed by internationally respected scientists. It also publishes special issues dedicated to a topic of current interest.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: AGRICOLA, Agro-Forestry Abstracts, BIOSIS, CAB Abstracts, Current Contents, Forest Product Abstracts, Forest Science Database, Forestry Abstracts, Science Citation Index, Scopus, and more.

The Canadian Journal of Forest Research has been designated one of the 100 most influential journals of the past 100 years by the Special Libraries Association.
Published since 1954, this monthly journal contains new research in the field of microbiology including applied microbiology and biotechnology; microbial structure and function; fungi and eucaryotic protists; infection and immunity; microbial ecology; physiology, metabolism, and enzymology; and virology, genetics, and molecular biology. It also publishes review articles and notes on an occasional basis, contributed by recognized scientists worldwide.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: AgBiotechNet, AGRICOLA, Algology Mycology and Protozoology Abstracts (Microbiology C), Bacteriology Abstracts (Microbiology B), BIOBASE, BIOSIS, Current Contents, Derwent Biotechnology Abstracts, MEDLINE/PubMed, Science Citation Index, Scopus, and more.

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Published since 1929, this monthly journal reports significant advances in research in physics, including atomic and molecular physics; condensed matter; elementary particles and fields; nuclear physics; gases, fluid dynamics, and plasmas; electromagnetism and optics; mathematical physics; interdisciplinary, classical, and applied physics; relativity and cosmology; physics education research; statistical mechanics and thermodynamics; quantum physics and quantum computing; gravitation and string theory; biophysics; aeronomy and space physics; and astrophysics. It publishes research articles, rapid communications, and review articles contributed by recognized experts in Canada and abroad. It also publishes special issues dedicated to current research in a particular area of physics.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Chemical Abstracts, Compendex (COMPuterized ENgineering InDEX), CSA High Technology Research Database with Aerospace, Current Contents, INIS Atomindex, Inspec, Meteorological and Geostrophysical Abstracts, Science Citation Index, Scopus, and more.
Published since 1929, this monthly journal reports current research in all aspects of physiology, nutrition, pharmacology, and toxicology, contributed by recognized experts and scientists. It publishes symposium reviews and award lectures and occasionally dedicates entire issues or portions of issues to subjects of special interest to its international readership. The journal periodically publishes a “Made in Canada” special section that features invited review articles from internationally recognized scientists who have received some of their training in Canada.

Articles are published in either English or French. Abstracts are published in both languages.

Indexed in: Chemical Abstracts, Current Contents/Life Sciences, Global Health, MEDLINE/PubMed, Nutrition Abstracts and Reviews Series A: Human and Experimental, Pharmacoeconomics and Outcomes News, Science Citation Index, Scopus, and more.
Published since 1929, this monthly journal reports on primary research contributed by respected international scientists in the broad field of zoology, including behaviour, biochemistry and physiology, developmental biology, ecology, genetics, morphology and ultrastructure, parasitology and pathology, and systematics and evolution. It also invites experts to submit review articles on topics of current interest.

Articles are published in either English or French. Abstracts are published in both languages.


Editors: M.B. (Brock) Fenton, University of Western Ontario, Canada, and Dr. Helga Guderley, Université Laval, Canada

Dr. Fenton is Chair of the Department of Biology at the University of Western Ontario. Bats are the main focus of his research, and in this area he has published extensively. He was the recipient of the 2002 McNeil Medal of the Royal Society of Canada for his work in public awareness of science and received the American Society of Mammalogists C. Hart Merriam Award for excellence in scientific research in 1995.

Dr. Helga Guderley, Adjunct Professor at Université Laval, is a physiologist with expertise in muscle metabolic capacities and swimming performance in ectotherms, particularly cod, trout, and scallops, looking at biochemical adaptation to temperature and biotic conditions. She was President of the Canadian Society of Zoologists and Associate Editor for Canadian Journal of Zoology for many years, has published more than 170 peer-reviewed papers and book chapters, and has trained more than 40 researchers.

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Published since 1993, this quarterly electronic-only journal presents authoritative reviews on a wide range of environmental science and associated environmental studies topics, with emphasis on the effects on and response of both natural and manmade ecosystems to anthropogenic stress. The authorship and scope are international, with critical reviews submitted and invited on such topics as climate change, harvesting impacts, acid rain, pesticide use, lake acidification, air and marine pollution, ecology of oil spills, biological control, food chain biomagnification, rehabilitation of polluted aquatic systems, erosion, agroforestry, and bio-indicators of environmental stress.

Articles are published in either English or French. Abstracts are published in both languages.

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Genome

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This monthly journal, established in 1959, publishes original research articles, reviews, mini-reviews, and commentaries. The areas of interest include general genetics, cytogenetics, molecular genetics, evolutionary genetics, population genetics, developmental genetics, plant genetics, microbial genetics, mammalian genetics, genomics, and other related areas.

Articles are published in either English or French. Abstracts are published in both languages.

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Editors: Arthur J. Hilliker, York University, Canada, and Dr. Graham Scoles, University of Saskatchewan, Canada

Dr. Hilliker is Professor of Biology at York University. His research interests include chromosome structure and its relationship to gene expression, genetic analysis of reactive oxygen defence and its relationship to aging, behavioural genetics, and meiotic recombination. His primary research organism is Drosophila.

Dr. Scoles is a Professor of Plant Sciences at the University of Saskatchewan. His research interests are primarily in the area of the application of molecular biology to plant breeding. Most of his research has been performed with cereals. Secondary interests are in all aspects of plant cytogenetics, particularly the application of modern techniques to understand chromosome evolution, structure and behaviour.

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The Journal of Unmanned Vehicle Systems was established in spring 2013; the first issue will be published in fall 2013. This quarterly electronic-only journal features editorials, articles, notes, and letters related to developments in the rapidly emerging international field of unmanned vehicle systems (remotely controlled machines used for aerial, terrestrial, and aquatic systems) and their sensors. The journal is broadly themed into four main areas of applications of practical and academic interest: civil, environmental, military, and engineering technology. Submissions are welcomed from researchers and practitioners in academia, government, and industry from all over the world.

Articles are published in either English or French. Abstracts are published in both languages.

Editor: Dr. David M. Bird, McGill University, Canada

Dr. Bird is an Emeritus professor of Wildlife Biology and Director of the Avian Science and Conservation Centre at McGill University. He has published more than 175 scientific papers. His name graces the covers of no less than eight books, some of which he was chief editor for. Dr. Bird is a past-president of the Raptor Research Foundation Inc. and the Society of Canadian Ornithologists. He is an elected Fellow of the American Ornithologists’ Union, an elected member representing Canada on the prestigious International Ornithological Committee, and a member of the Board of Directors of Unmanned Systems Canada. Besides his innumerable public lectures and radio and television appearances, Dr. Bird is a regular columnist on birds for The Gazette of Montréal and Bird Watcher's Digest magazine. Dr. Bird has been working with Unmanned Aerial Vehicles (UAVs) for at least 5 years and now supervises graduate students in this field. Dr. Bird has attended numerous conferences on unmanned vehicle systems and he has organized two workshops on applications of UAVs to wildlife studies.

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For more information please contact Laurent Gagnier at laurent.gagnier@nrcresearchpress.com

Botany and the Canadian Journal of Forest Research have each been
“Designated One of the 100 Most Influential Journals of the Past 100 Years”
as voted by the Special Libraries Association, Biomedical & Life Sciences Division.

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