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Product Catalogue **2017**

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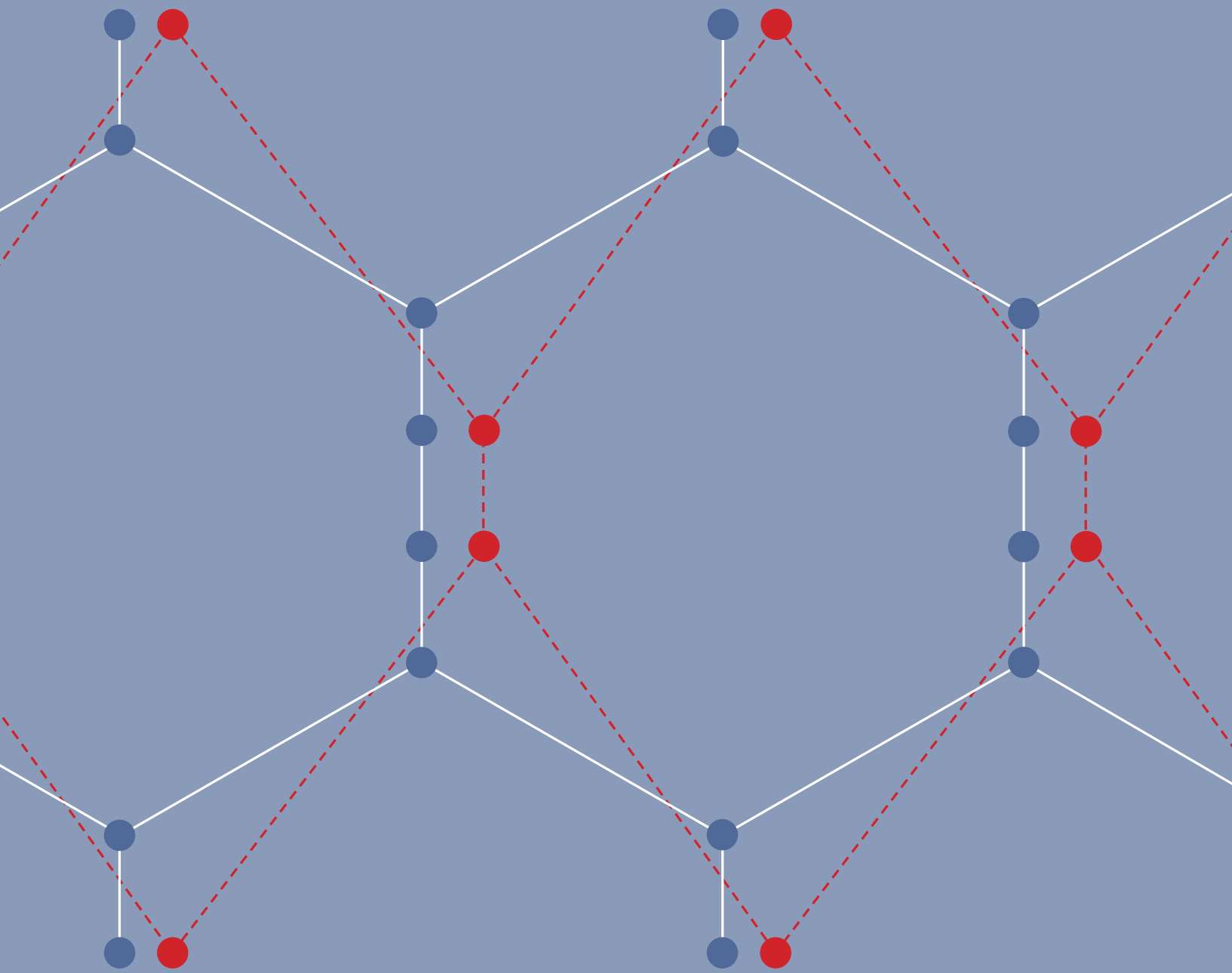

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Welcome to the 2017 IOP Product Catalogue

IOP Publishing provides a range of journals, an ebooks programme, and a portfolio of magazines, websites and services that enable researchers and research organisations to reach the widest possible audience. We combine the culture of a learned society with global reach, and highly efficient and effective publishing systems and processes.

Journal of Physics series celebrates its 50th anniversary

Journal of Physics (JPhys) series 50th anniversary

Celebrations will be taking place throughout 2017 to mark the 50th anniversary of the *Journal of Physics* series. All journals in the series will be publishing special issues presenting key new work in some of the most exciting fields across the whole of physics and recognising the talents of exceptional, upcoming researchers. Look out for more information on the website as we announce more of the celebrations.

Contents

Journals by subject area

IOP ebooks™

IOP ebooks brings together innovative digital publishing with leading voices from across physics and related disciplines to create the essential ebooks collection from a physical-sciences society publisher.

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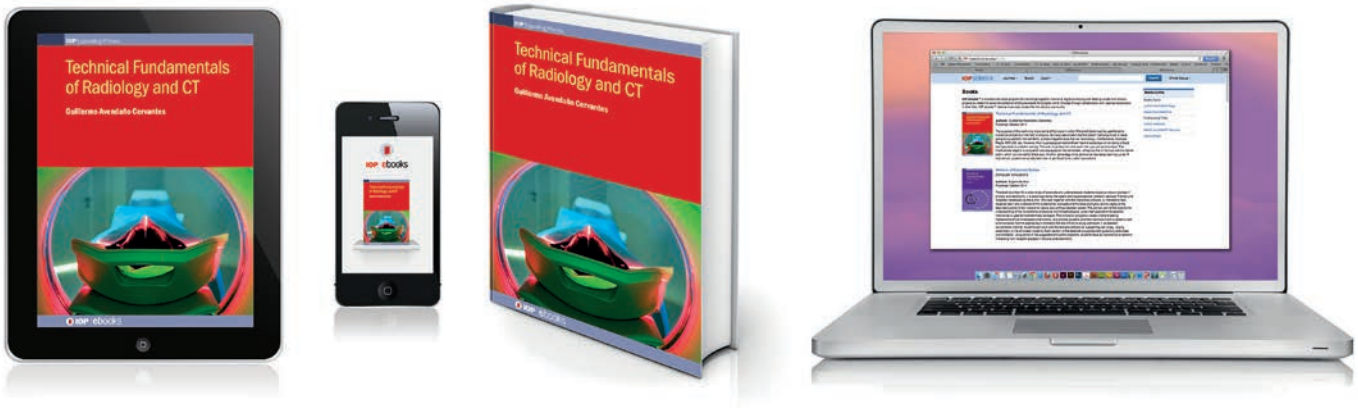

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* Jan. 2014 – Dec. 2015

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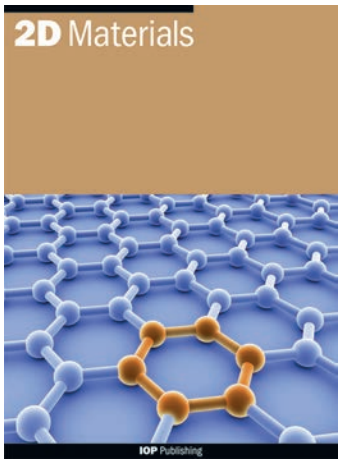

2D Materials

iopscience.org/2dm

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IMPACT FACTOR 9.611

Editor-in-chief

- V I Fal'ko, University of Manchester, UK

Associate editors-in-chief

- Regional editor for North America: T F Heinz, Stanford University, Stanford, CA, USA
- Regional editor for Asia: B-H Hong, Seoul National University, Korea

2D Materials™ (2DM) publishes fundamental and applied research of the highest quality and impact covering all aspects of graphene and related 2D materials.

2DM publishes new research, topical reviews and commentaries that are vital reading for scientists and engineers working on any aspect of this important area of research.

The journal covers all aspects of 2D materials, including fundamental properties (experiments, theory and simulations), novel applications (electrical, mechanical, chemical and biomedical) and synthesis/fabrication techniques. Specific materials of interest include:

- graphene and graphene-derived materials (such as graphene oxides, graphene quantum dots, etc)
- silicene and germanene/silicane and germanane
- boron nitride
- transition metal dichalcogenides
- 2D topological insulators
- complex oxides
- composite materials
- other novel 2D layered structures

2DM readers can also enjoy the video abstracts that accompany many articles, allowing authors to go beyond the constraints of the written article to personally communicate the importance and value of their work to the journal's global multidisciplinary audience.

Other journals of interest	
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• Materials Research Express	p50
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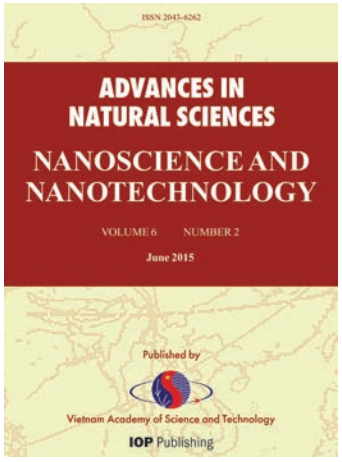
• Translational Materials Research	p80

Volume	4
Frequency	4
Online ISSN	2053-1583
CODEN	DMATB7
Online archive	2014–2016 available free with journal subscription



PARTNER

- Vietnam Academy of Science and Technology

Advances in Natural Sciences: Nanoscience and Nanotechnology

OPEN ACCESS

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IMPACT FACTOR 1.581

iopscience.org/ansn

Editor-in-chief

- N Van Hieu, Hanoi, Vietnam

Deputy editors-in-chief

- N Bich Ha, Hanoi, Vietnam
- P Ngoc Minh, Hanoi, Vietnam

Advances in Natural Sciences: Nanoscience and Nanotechnology (ANSN) produces quarterly volumes of research covering all aspects of nanoscience and nanotechnology.

Published using the gold open access model, ANSN gives its international readership – including primary researchers, industry professionals and undergraduate nanotechnology students – unlimited access to its content. A corresponding print version is created for local use in Vietnam.

Other journals of interest

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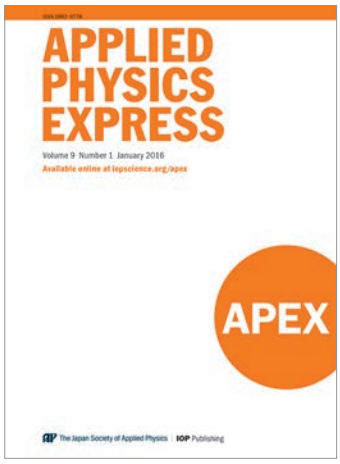
Volume	8
Frequency	4
Online ISSN	2043-6262
CODEN	ANSNCK
Online archive	2010–2016 freely available to all at **iopscience.org/ansn**



PARTNER

- The Japan Society of Applied Physics

Applied Physics Express

iopscience.org/apex

IMPACT FACTOR 2.265

Chief executive editor

- Shinichi Takagi, University of Tokyo, Japan

Editor-in-chief

- Tadashi Shibata, The Japan Society of Applied Physics

Celebrating its 10th anniversary in 2017, *Applied Physics Express* (APEX) is a letters journal devoted solely to rapid dissemination of up-to-date and concise reports on new findings in applied physics.

APEX is the successor to the *Japanese Journal of Applied Physics* (JJAP) letters section, JJAP Part 2, from which it has inherited a worldwide reputation for high scientific quality and prompt publication. In the journal policy, emphasis is placed on high scientific and/or technological impact of its published papers. Fields of interest include:

- semiconductors, dielectrics and organic materials
- photonics, quantum electronics, optics and spectroscopy
- spintronics, superconductivity and strongly correlated materials
- device physics including quantum information processing
- nanoscale science and technology
- crystal growth, surfaces, interfaces, thin films and bulk materials
- plasmas, applied atomic and molecular physics, and applied nuclear physics
- device processing, fabrication and measurement technologies, and instrumentation
- cross-disciplinary areas such as bioelectronics/photonics, biosensing, environmental/energy technologies and MEMS

Other journals of interest	
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Volume	10
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Print ISSN	1882-0778
Online ISSN	1882-0786
CODEN	APEPC4
Online archive	2008–2016

PARTNER

- American Astronomical Society

The Astronomical Journal

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IMPACT FACTOR 4.617

iopscience.org/aj

Editor-in-chief

- Ethan Vishniac, John Hopkins University, Maryland, USA

The Astronomical Journal (AJ) is a peer-reviewed, monthly journal published for the American Astronomical Society by IOP Publishing. It serves an international community of authors, scientists and students through its high-quality, rapid publication and accessible communication of a broad range of astronomical research, extending from the solar system to observational cosmology.

AJ articles present significant scientific results derived from observations, including descriptions of data capture, surveys, dynamical processes, analysis techniques and astrophysical interpretation, as well as theoretical models. This broad coverage, along with discussions of instrumentation and associated software, make this journal an essential resource for anyone interested in astronomy and planetary sciences research.

AJ actively seeks opportunities to enhance electronic presentations of information. Features include the provision of tabular data underlying figures and compilation of related articles into electronic special issues. High citation rates, affordable subscription pricing and a worldwide circulation base establish AJ as a premier journal in refereed publication of astronomical and astrophysical research from throughout the world.

Other journals of interest	
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Volume	153–154
Frequency	12
Online ISSN	1538-3881
CODEN	ANJOAA
Online archive	Rolling one-year archive available with journal subscription

PARTNER

- American Astronomical Society

The Astrophysical Journal

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IMPACT FACTOR 5.909

iopscience.org/apj

AAS Editor-in-chief

- Ethan Vishniac, John Hopkins University, Maryland, USA

Letters editor

- F Rasio, Northwestern University, IL, USA

Launched in 1895 by George E Hale and James E Keeler, *The Astrophysical Journal* (ApJ) is the foremost astronomical and astrophysical research journal in the world. Published for the American Astronomical Society by IOP Publishing, ApJ is devoted to disseminating original research on recent developments, discoveries and theories not previously published in astronomy and astrophysics.

This prestigious journal has been the first to report many of the classic discoveries of the 20th century and has also presented much of the important recent work on quasars, pulsars, neutron stars, black holes, solar and stellar magnetic fields, X-rays, and interstellar matter.

ApJ has a long history of publishing papers on data and instruments that support astronomical observations and theory. These papers represent essential research for anyone working in the fields of astronomy and astrophysics.

Other journals of interest

- The Astronomical Journal p13
- Classical and Quantum Gravity p22
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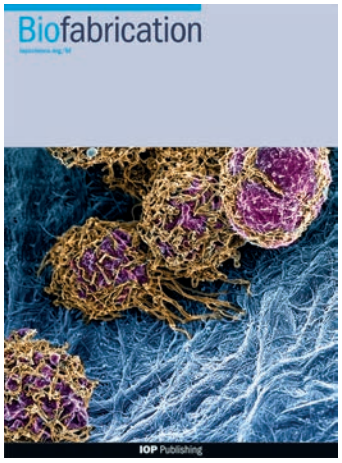
Volume	834–851
Frequency	36
Online ISSN (ApJ)	1538-4357
Online ISSN (ApJL)	2041-8213
CODEN	ASJOAB
Online archive	Rolling one-year archive available with journal subscription

The Astrophysical Journal Supplement Series (ApJS)	
Volume	228–233
Frequency	12
Online ISSN	1538-4365
CODEN	APJSA2
Online archive	Rolling one-year archive available with journal subscription



Biofabrication

iopscience.org/bf

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IMPACT FACTOR 4.702

Editor-in-chief

- W Sun, Drexel University, PA, USA and Tsinghua University, China

Biofabrication™ (BF), the official journal of the International Society of Biofabrication, is the first peer-reviewed journal to focus on research and development of biomanufacturing processes, modelling and design.

The journal publishes research on the use of cells, proteins and biomaterials as building blocks to fabricate *in vitro* biological structures and/or cellular systems for applications in tissue engineering, 3D biology, disease pathogeneses and drug discovery. BF is a highly respected resource for engineers, biologists and medical researchers all over the world.

BF publishes articles covering a range of research topics from this important and rapidly developing field, including:

- cell, tissue and organ printing, patterning and assembly
- biofabricated cell/biological material integrated systems and medical devices
- cell-laden micro-fluidic devices
- cell/tissue/organ-on-a-chip
- novel 3D tissue scaffold fabrication
- modelling of the biofabrication processes and biofabricated constructs
- protein/biomolecules printing and patterning
- integrated bio- and micro/nano-fabrication

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• Nanotechnology	p55

Volume	9
Frequency	4
Online ISSN	1758-5090
CODEN	BIOFCK
Online archive	2009–2016 available free with journal subscription

Bioinspiration & Biomimetics

iopscience.org/bb

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IMPACT FACTOR 2.891

Editor-in-chief

- Professor Robert Full, University of California, Berkeley, USA

Bioinspiration & Biomimetics™ (BB) has two principal aims: to draw from biology to enrich engineering and to draw from engineering to enrich biology. The journal communicates research focusing on the principles and functions found in biological systems that have been developed through evolution, and application of this knowledge to produce novel and exciting basic technologies as well as new approaches to solving scientific problems.

BB provides a forum for interdisciplinary research from across the biological and physical sciences, including:

- systems, designs and structure
- communication and navigation
- co-operative behaviour
- self-organising biological systems
- self-healing and self-assembly
- aerial locomotion and aerospace applications of biomimetics
- biomorphic surface and subsurface systems
- marine dynamics: swimming and underwater dynamics
- biomechanics: movement, locomotion and fluidics
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- sensors and senses
- biomimetic or bioinformed approaches to geological exploration

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Volume	12
Frequency	6
Online ISSN	1748-3190
CODEN	BBIICI
Online archive	2007–2016 available free with journal subscription 2006 available in the IOP Journal Archive

Biomedical Materials

iopscience.org/bmm

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IMPACT FACTOR 3.361

Editor-in-chief

- M Spector, Harvard Medical School, VA Boston Healthcare System, MA, USA

Biomedical Materials™ (BMM) publishes articles on advances in biomaterials that contribute to the research community's knowledge of the composition, properties and performance of new materials for tissue engineering and regenerative medicine.

With a diverse readership drawn from biomedical and tissue engineering, materials and biomaterials, biochemistry, pharmacology, and medicine, this specialised journal delivers a combination of Topical Reviews, Special Issue articles, Notes and Editorials covering a diverse range of topics, including:

- synthesis/characterisation of biomedical materials
- *in vitro*/*in vivo* performance of biomedical materials
- nature-inspired synthesis and biomineralisation
- tissue engineering/regenerative medicine applications
- interaction of molecules/cells with materials
- effects of biomaterials on stem-cell behaviour
- growth factors/genes incorporated into biomaterials

Other journals of interest

- Biofabrication p15
- Bioinspiration & Biomimetics p16

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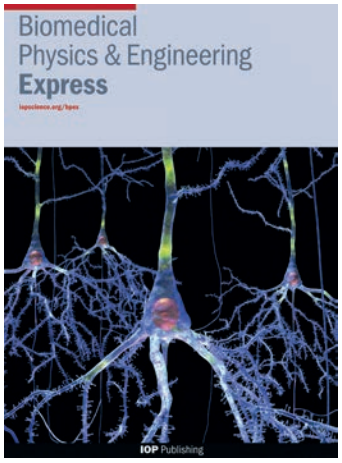
Frequency	6
Online ISSN	1748-605X
CODEN	BMBUCS
Online archive	2007–2016 available free with journal subscription 2006 available in the IOP Journal Archive



Biomedical Physics & Engineering Express

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Editor-in-chief

- R Jeraj, University of Wisconsin, Wisconsin, USA

Deputy editors

- Indrin Chetty, Henry Ford Hospital, USA
- Thorsten Wohland, National University of Singapore, Singapore
- K Panicos, City University London, UK

Launched in 2015, *Biomedical Physics & Engineering Express*™ (BPEX) is an inclusive, international, multidisciplinary journal devoted to publishing new research on any application of physics and/or engineering in medicine and/or biology. The journal covers three key independent, yet complimentary, scientific areas at the intersection of physics, engineering, medicine, and biology. The journal will cover all areas of biomedical engineering, biophysics and medical physics, with a special emphasis on the interdisciplinary work within these areas to help promote crossover research.

BPEX is aimed at a diverse readership, appealing to biologists, physicists, engineers, biophysicists, medical physicists and bioengineers. BPEX publishes research articles, notes and topical reviews. The journal considers direct submissions and also articles transferred from other relevant titles, offering the prospect of rapid decision-making.

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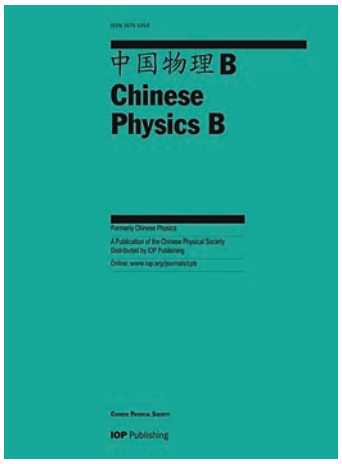
CODEN	BPEEAE
Online archive	2015–2016 available free with journal subscription



PARTNER

- Chinese Physical Society

Chinese Physics B

iopscience.org/cpb

IMPACT FACTOR 1.436

Editor-in-chief

- Z-C Ouyang, Institute of Theoretical Physics, Chinese Academy of Sciences, Beijing, China

Widely recognised as one of China's top journals, *Chinese Physics B* (CPB) continues to publish research papers in all areas of theoretical and applied physics, reflecting the high quality and wide scope of Chinese research.

The journal's broad focus makes it an important source of current research in physics, materials, acoustics, mechanics, optics, engineering and biophysics.

CPB's scope includes many areas of high-interest physics research:

- surface physics: the atomic structures of surfaces, theory of electron states and photoemission studies of surfaces
- spectroscopic studies: Raman scattering, laser spectroscopy, phonon transitions and interaction between condensed matter and radiation
- structure and phase transitions: the structure and properties of crystals and nanocrystalline materials
- superconductivity: synthesis, structure and electronic states of high-T_c oxides
- atomic and molecular physics
- magnetism: colossal magnetoresistance in perovskite manganites and great magnetic entropy in rare-earth compounds
- optical physics and applications: laser molecular beam epitaxy of oxide films
- confinement and heating in fusion plasma
- material processing and film preparation based on plasma physics

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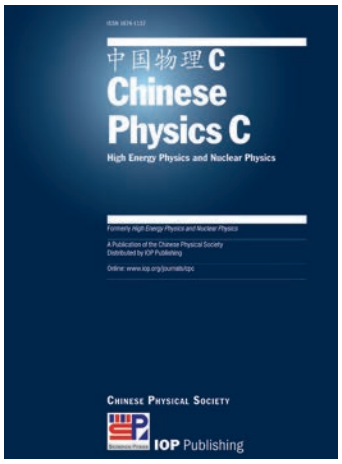
Frequency	12
Print ISSN	1674-1056
Online ISSN	2058-3834
CODEN	CPBHAJ
Online archive	2007–2016 available free with journal subscription 1992–2006 available in the IOP Journal Archive



PARTNERS

- Chinese Physical Society
- Institute of High Energy Physics of the Chinese Academy of Sciences
- Institute of Modern Physics of the Chinese Academy of Sciences

Chinese Physics C

iopscience.org/cpc

IMPACT FACTOR 3.761

Editor-in-chief

- Z-P Zheng, Institute of High-Energy Physics, Chinese Academy of Sciences, Beijing, China

Chinese Physics C (CPC) was founded in 1977 and publishes original research in the fields of high-energy and nuclear physics.

The journal's broad scope includes the following research areas:

- particle physics
- nuclear physics
- astrophysics and cosmology related to particles and nuclei
- detectors, electronics and experimental methods
- accelerators
- synchrotron radiation
- other related areas

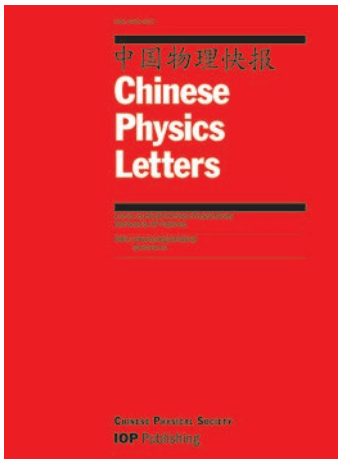
High-quality research papers and Rapid Communications published in CPC make it a key resource for researchers in high-energy and nuclear physics.

CPC benefits from sponsorship by the Chinese Physical Society and is supported by the Institute of High Energy Physics and the Institute of Modern Physics of the Chinese Academy of Sciences. Prior to 2008, the journal was known as *High-Energy Physics and Nuclear Physics*.

Other journals of interest

- The Astrophysical Journal p14
- Classical and Quantum Gravity p22
- Journal of Cosmology and Astroparticle Physics p34
- Journal of Physics G: Nuclear and Particle Physics p44

Volume	41
Frequency	12
Print ISSN	1674-1137
Online ISSN	2058-6132
CODEN	CPCHCQ
Online archive	2008–2016 available free with journal subscription



PARTNER

- Chinese Physical Society

Chinese Physics Letters

iopscience.org/cpl

IMPACT FACTOR 0.875

Editor-in-chief

- B-F Zhu, Tsinghua University, Beijing, China

Chinese Physics Letters (CPL) attracts a growing, international readership, which strengthens the journal's coverage of major advances in all aspects of physics.

Letters are an increasingly important aspect of international research. CPL fulfils this requirement for the *Chinese Physics* series of journals published by the Chinese Physical Society.

Each year, a collection of significant research articles published in CPL is made available to read online. These articles, selected by the journal's Editorial Board, highlight the high quality of work published in CPL.

Other journals of interest	
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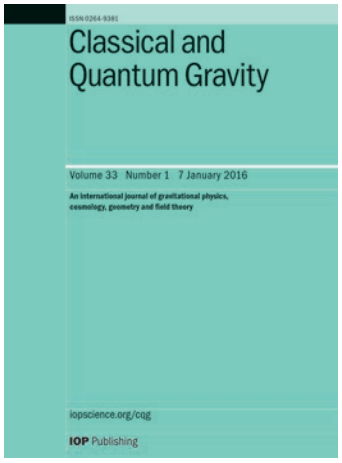
Volume	34
Frequency	12
Print ISSN	0256-307X
Online ISSN	1741-3540
CODEN	CPLEEU
Online archive	2007–2016 available free with journal subscription 1984–2006 available in the IOP Journal Archive



Classical and Quantum Gravity

iopscience.org/cqg

IMPACT FACTOR
2.837

Editor-in-chief

- C M Will, University of Florida, FL, USA

As the world's leading gravitational physics journal, *Classical and Quantum Gravity*™ (CQG) is widely read and well cited thanks to its focus on the highest-quality research. CQG is a popular choice among physicists, mathematicians and cosmologists in the fields of gravitation and the theory of space-time, and is valued by both theorists and experimentalists.

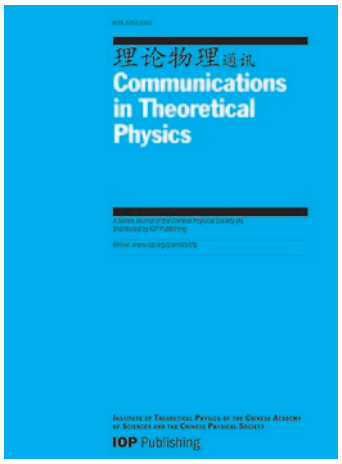
CQG subscribers have access to high-quality papers on many subjects, including:

- classical general relativity
- numerical relativity
- experimental gravitation, including gravitational waves
- cosmology and the early universe
- quantum gravity and supergravity
- superstrings and supersymmetry

In addition to regular papers, CQG also publishes Topical Reviews and Focus Issues on high-interest subjects, resulting in an overview of the most interesting research in this field. The findings are placed in the wider context of gravitational physics, a significant added benefit for any reader.

Other journals of interest

Volume	34
Frequency	24
Print ISSN	0264-9381
Online ISSN	1361-6382
CODEN	CQGRDG
Online archive	2007–2016 available free with journal subscription 1984–2006 available in the IOP Journal Archive



PARTNERS

- Chinese Physical Society
- Institute of Theoretical Physics of the Chinese Academy of Sciences

Communications in Theoretical Physics

IMPACT FACTOR 0.948

iopscience.org/ctp

Chief editor

- C-P Sun, Beijing Computational Science Research Center, Beijing, China

Published on a monthly basis, *Communications in Theoretical Physics* (CTP) is available to the international research community on behalf of the Institute of Theoretical Physics of the Chinese Academy of Sciences and the Chinese Physical Society.

CTP is devoted to reporting new developments in theoretical physics, and covers topics in interdisciplinary areas such as biophysics and computational physics, as well as:

- atomic and molecular physics
- condensed matter and theory of statistical physics
- nuclear theory
- fluid theory and plasmas
- elementary particle physics and quantum field theory
- quantum mechanics and quantum optics
- theoretical astrophysics
- cosmology
- relativity

In addition to original regular articles, letters, research notes and Rapid Communications, CTP also publishes review articles and conference proceedings. All article submissions, peer review and production – from acceptance to publication – are handled by the journal's editorial office in China.

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• Journal of Optics	p39
• Journal of Physics A: Mathematical and Theoretical	p40
• Journal of Statistical Mechanics: Theory and Experiment	p47

Volume	67–68
Frequency	12
Print ISSN	0253-6102
Online ISSN	1572-9494
CODEN	CTPHDI
Online archive	2007–2016 available free with journal subscription 2005–2006 available in the IOP Journal Archive

Convergent Science Physical Oncology

ELECTRONIC ONLY

iopscience.org/cspo

Founding editors

- C Baas, National Cancer Institute, TX, USA
- K Bethel, Scripps Clinic, CA, USA
- P Kuhn, University of Southern California, CA, USA
- J Nieva, University of Southern California, CA, USA

Launched in 2015, *Convergent Science™ Physical Oncology* (CSPO) is the first interdisciplinary journal dedicated to integrating physical sciences with cancer biology and clinical oncology in order to advance our understanding and treatment of cancer in patients. The journal is supported by the four Founding Editors – an oncologist, a physicist, a pathologist and a patient advocate – to provide editorial coverage that reflects the scope of the journal.

As well as research articles, notes and Topical Reviews, CSPO features patient perspectives, outcomes, new and views on a diverse range of topics, including:

- biosignatures
- therapeutics
- treatments and interventions
- theoretical and experimental modelling
- spatial and temporal evolution of cancer
- patient-orientated science and perspectives

Other journals of interest	
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• Physics in Medicine & Biology	p62

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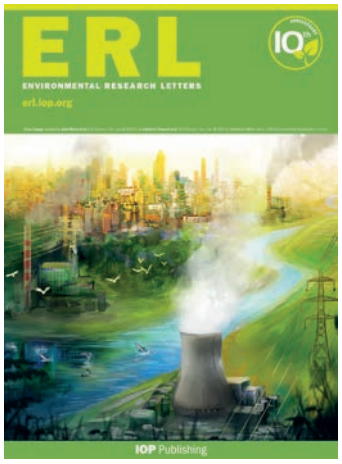
Frequency	4
Online ISSN	2057-1739
CODEN	CSPOCV
Online archive	2015–2016 available free with journal subscription



Environmental Research Letters

OPEN ACCESS

ELECTRONIC ONLY

IMPACT FACTOR 4.134

erl.iop.org

Editor-in-chief

- D M Kammen, University of California, Berkeley, CA, USA

Environmental Research Letters™ (ERL) is published under the gold open access model and offers authors the option to publish raw data alongside their articles as supplementary data, providing free access to this data for all researchers.

ERL is the meeting place for the research and policy communities concerned with environmental change and management. The journal covers all of environmental science; its coherent and integrated approach includes research letters, review articles, perspectives and editorials. ERL communicates new results and findings that merit rapid publication. The journal's coverage reflects the interdisciplinary nature of environmental science and the wide range of contributions to the development of methods, tools and evaluation strategies relevant to the field.

The core of ERL's high-impact research content draws from observations, numerical modelling, and theoretical and experimental approaches to environmental science – especially science relevant to policy, impacts and decision-making in all components of the Earth system.

ERL's diverse scope ranges from physical and natural sciences to economics, political, sociological and legal studies, including:

- biodiversity
- biogeochemical cycles
- climate
- energy
- environmental health, risk assessment, policy and law
- pollution
- natural resources, water, food

Many articles published in ERL are also covered on IOP's community website, **environmentalresearchweb.org**™.

Cover image, top left: Inspired by **Ariel Miara *et al*** 2013 *Environ. Res. Lett.* **8** 025017 and **Robert J Stewart *et al*** 2013 *Environ. Res. Lett.* **8** 025010. Artwork by Milicia Jevtic, CUNY Environmental CrossRoads Initiative. Figure previously published in **Ariel Miara and Charles J Vörösmarty** 2013 *Environ. Sci.: Processes Impacts* **15** 1113.

Other journals of interest

- IOP Conference Series: Earth and Environmental Science p81
- Journal of Geophysics and Engineering p35
- New Journal of Physics p56

Volume	12	Online ISSN	1748-9326
Frequency	12	CODEN	ERLNAL
Online archive	2006–2016 freely available at **erl.iop.org**		

PARTNERS

- European Physical Society
- EDP Sciences
- Società Italiana di Fisica

EPL

www.epljournal.org

IMPACT FACTOR 1.963

Editor-in-chief

- G Benedek, University of Milan-Bicocca, Italy

EPL (formerly *Europhysics Letters*) has been in constant publication since its creation in 1986 from the merger of *Journal de Physique Lettres* with *Lettere al Nuovo Cimento*.

EPL publishes original, high-quality letters in all areas of physics, ranging from condensed matter topics and interdisciplinary research to astrophysics, geophysics, and plasma and fusion sciences, including those with application potential. The journal communicates new results and findings that merit rapid publication. EPL also publishes comments on letters previously published in the journal.

EPL enjoys the benefits of international partnership. It is co-managed by scientists for the international scientific community, and published under the scientific policy and control of the European Physical Society by EDP Sciences, IOP Publishing and Società Italiana di Fisica for a partnership of 17 European physical societies (the EPL Association).

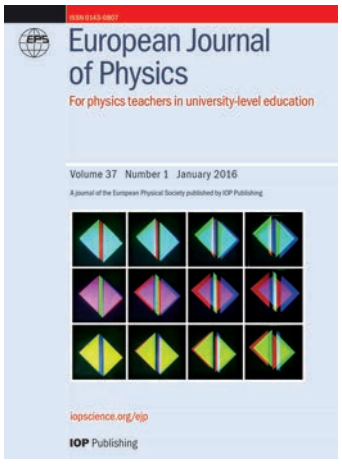
Publishing 24 online issues per year (with only 12 printed journals containing two issues each), increasing in prestige and broadening its coverage of a range of physics topics, EPL publications are focused on novel, scientifically significant, developing areas of science, including high-profile topics such as quantum simulators, topological insulators, metamaterials, soft matter, high-energy physics, and plasma physics and fusion sciences, as well as interdisciplinary areas such as bio- and medical-physics topics.

EPL has an agreement for mutual transfer of manuscripts with the *Journal of Physics* (JPhys) series and many other journals at IOP Publishing, as well as with the *European Physics Journal* series (EPJ) published by EDP Sciences. Article transfers may go in either direction. This agreement enables an article that would be more suitable to another journal to be transferred with the related material and keep the original submission date. This agreement respects the editorial independence of all of the journals involved.

Other journals of interest

- Journal of Physics B: Atomic, Molecular and Optical Physics p41
- Journal of Physics: Condensed Matter p42
- Journal of Physics D: Applied Physics p43
- New Journal of Physics p56
- Physica Scripta p59
- Plasma Physics and Controlled Fusion p65

Volume	117–120	Online ISSN	1286-4854
Frequency	12	CODEN	EULEE8
Print ISSN	0295-5075		
Online archive	2007–2016 available free with journal subscription 1986–2006 available in the IOP Journal Archive		



PARTNER

- European Physical Society

European Journal of Physics

iopscience.org/ejp

IMPACT FACTOR 0.608

Editor-in-chief

- M Vollmer, University of Applied Sciences, Brandenburg, Germany

With a worldwide readership and authors from every continent, *European Journal of Physics* (EJP) is an international journal dedicated to improving the standard of teaching physics courses in universities and other higher-education institutions.

EJP's wide-ranging scope includes:

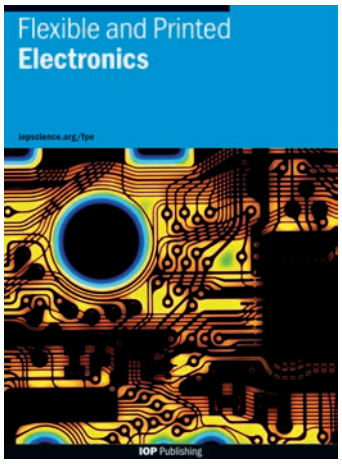
- explanations of how contemporary research can inform the understanding of physics at university level
- original insights into the derivation of results
- descriptions of novel laboratory exercises illustrating new techniques of general interest
- articles of a scholarly or reflective nature that are aimed to be of interest to, and at a level appropriate for, physics students or recent graduates
- descriptions of successful and original student projects, whether experimental, theoretical or computational
- discussions of the history, philosophy and epistemology of physics at a level accessible to physics students and teachers
- reports of new developments in physics curricula and techniques for teaching physics
- physics education research – we welcome articles in this section that highlight the current state of the field of physics education research, report on progress in key areas and address key issues
- Reviews articles in EJP are flexible length systematic, evidence-based reviews of important and topical issues and are intended to summarize accepted practice and report on recent progress in selected areas

EJP is a place for teachers, instructors and professors to exchange their views on teaching physics at university level and share their experiences. It is an essential point of reference for anyone involved in physics education, including teacher trainers in physics, engineering and education departments. It produces resources for schools, colleges and universities, companies with an education programme, government-funded bodies and government-funding departments.

Other journals of interest

- Physics Education p61
- Reports on Progress in Physics p71

Volume	38
Frequency	6
Print ISSN	0143-0807
Online ISSN	1361-6404
CODEN	EJPHD4
Online archive	2007–2016 available free with journal subscription 1980–2006 available in the IOP Journal Archive



Flexible and Printed Electronics

iopscience.org/fpe

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Launched in 2015, *Flexible and Printed Electronics*™ (FPE) is a new multidisciplinary journal devoted to publishing cutting-edge research across all aspects of printed, plastic, flexible, stretchable, and conformable electronics. The journal's aim is to serve as a unique international forum that brings together both fundamental science and novel technological applications to advance progress in the field.

FPE welcomes timely research articles of the highest scientific quality, relating to materials, device and circuit design, fabrication, reliability and applications of organic, inorganic, and hybrid printed, flexible and stretchable electronics, displays, sensors, smart packaging, and actuators, bioelectronics and energy components and systems.

Topics covered include the following:

- materials and devices for stretchable electronics and conformal biointerfaces
- printed materials, ink formulations and rheology, and printing systems
- device physics, device mechanics, and engineering
- circuit and system design
- advanced fabrication methods and metrology
- printing of biological systems interfaced to electronic devices
- mechanical, thermal, and electronic modelling of flexible hybrid electronic systems and components
- applications including displays, lighting, sensors and actuators, bioelectronics, medical electronics, photovoltaics, energy harvesting and storage, RF electronics, smart packaging, and IoT devices/systems

Other journals of interest

• 2D Materials	p10	• Journal of Physics D: Applied Physics	p43
• Japanese Journal of Applied Physics	p32	• Nanotechnology	p55
• Journal of Micromechanics and Microengineering	p37	• Translational Materials Research	p80

Volume	2
Frequency	4
Online ISSN	2058-8585
CODEN	FPELAB
Online archive	2016 available free with journal subscription

PARTNER

- The Japan Society of Fluid Mechanics

Fluid Dynamics Research

iopscience.org/fdr

IMPACT FACTOR 0.846

Editor-in-chief

- Yasuhide Fukumoto, Institute of Mathematics for Industry, Kyushu University, Japan

Fluid Dynamics Research (FDR) is published on behalf of The Japan Society of Fluid Mechanics. This international journal caters for researchers in all areas of fluid dynamics, including: aerodynamics, nano-fluids, fluid motion or modelling, turbulence, waves, rogue waves, vortices, bifurcation, bubbles, gas–liquid boundaries and computational fluid dynamics.

FDR's scope includes theoretical, numerical and experimental studies that contribute to the fundamental understanding and/or application of fluid phenomena. The journal's broad coverage features invited reviews and original papers on topical subjects by leading researchers in this interdisciplinary field.

Each year, FDR's Editorial Board selects an outstanding article published in the previous year to be awarded the FDR Prize. This article must contain rigorous scientific work, be highly novel, exhibit a significant advancement to the field and, above all, be an extremely interesting read.

Other journals of interest	
• EPL	p26
• Journal of Physics A: Mathematical and Theoretical	p40
• Journal of Physics D: Applied Physics	p43
• Measurement Science and Technology	p51
• Nanotechnology	p55
• Nonlinearity	p57

Volume	49
Frequency	6
Print ISSN	0169-5983
Online ISSN	1873-7005
CODEN	FDRSEH
Online archive	2007–2016 available free with journal subscription 1986–2006 available in the IOP Journal Archive

Inverse Problems

iopscience.org/ip

IMPACT FACTOR 1.651

Editor-in-chief

- S R Arridge, University College London, UK

Inverse Problems™ (IP) is an interdisciplinary journal that combines mathematical and experimental papers on inverse problems with numerical and practical approaches to their solution. IP is a key resource for mathematicians, physicists, engineers and scientists working in:

- geophysics
- radar
- optics
- biology
- acoustics
- communication theory
- signal processing
- medical imaging
- inverse-scattering techniques
- object identification

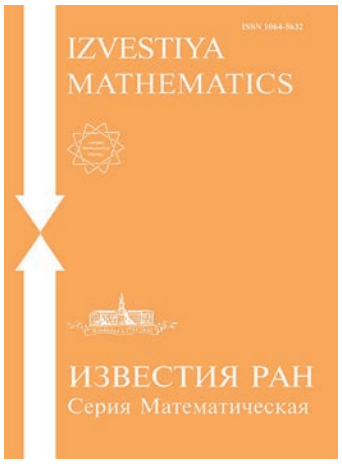
The journal's scope includes original contributions to methods of solving mathematical, physical and applied problems. All papers published in IP meet the highest standards of scientific quality, contain significant and original new science, and present substantial advancement in the field.

IP ensures that all authors provide sufficient introductory material to appeal to its broad readership and that articles that are not explicitly applied include a discussion of possible applications.

For those looking for further exploration of particular topics within IP, Special Issues are published that present research from specific fields in one collection.

Other journals of interest	
• Journal of Physics A: Mathematical and Theoretical	p40
• Measurement Science and Technology	p51
• Nonlinearity	p57
• Physics in Medicine & Biology	p62
• Physiological Measurement	p64

Volume	33
Frequency	12
Print ISSN	0266-5611
Online ISSN	1361-6420
CODEN	INPEEY
Online archive	2007–2016 available free with journal subscription 1985–2006 available in the IOP Journal Archive



PARTNERS

- Turpion
- Russian Academy of Sciences
- The London Mathematical Society

Izvestiya: Mathematics

iopscience.org/im

IMPACT FACTOR 0.505

Editor-in-chief

- V V Kozlov, V A Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

Deputy editor

- A G Sergeev, V A Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

Izvestiya: Mathematics (IM) is the English edition of the Russian bimonthly journal *Izvestiya Rossiiskoi Akademii Nauk, Seriya Matematicheskaya*, which was founded in 1937. Since 1995, IM has been published jointly by Turpion, the Russian Academy of Sciences and The London Mathematical Society.

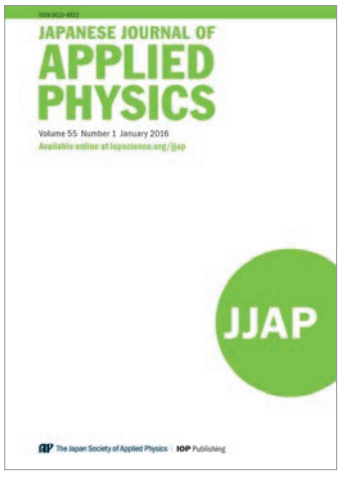
The journal publishes only original research papers containing full results in the author's field of study, covering all fields of mathematics but paying special attention to: algebra, algebraic geometry, mathematical logic, number theory, mathematical analysis, geometry, topology and differential equations. IM is a must-read journal in two key areas: algebraic geometry and number theory. The journal's historic archive provides access to the golden age of Russian science in mathematics and related fields, including research by many Fields Medal-winning authors, and other leading and pivotal characters in the history and development of the Russian math schools.

The original Russian version is reproduced in English in less than three weeks, allowing researchers to access the latest achievements faster than ever.

Researchers and postdoctoral workers specialising in the various branches of mathematics and related sciences, and lecturers, students and postgraduate students, will find this journal of interest.

Other journals of interest	
• Journal of Physics A: Mathematical and Theoretical	p40
• Nonlinearity	p57
• Russian Mathematical Surveys	p74
• Sbornik: Mathematics	p75

Volume	81
Frequency	6
Print ISSN	1064-5632
Online ISSN	1468-4810
Online archive	1967–2016 available free with journal subscription 1967–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/im**



PARTNER

- The Japan Society of Applied Physics

Japanese Journal of Applied Physics

iopscience.org/jjap

IMPACT FACTOR 1.122

Chief executive editor

- Shinichi Takagi, University of Tokyo, Tokyo, Japan

Editor-in-chief

- Tadashi Shibata, The Japan Society of Applied Physics

The *Japanese Journal of Applied Physics* (JJAP) is an international journal published by IOP Publishing on behalf of The Japan Society of Applied Physics for the advancement and dissemination of knowledge in all fields of applied physics. The journal publishes articles dealing with the applications of physical principles as well as articles concerning the understanding of physics that have particular applications in mind. The journal not only covers all aspects of modern technology such as semiconductor devices (including VLSI technology, photonic devices, superconductors and magnetic recording) but also covers other diverse areas such as plasma physics, particle accelerators, nanoscience and technology, and applied bioscience. Articles in interdisciplinary areas with potential technological implications are strongly encouraged.

JJAP is published monthly and includes Regular Papers, Rapid Communications, Brief Notes and Review Papers. In addition, several Special Issues are published each year. These contain research articles presented at international conferences. These articles are peer-reviewed in accordance with the usual JJAP criteria.

There is also a special section, 'Selected Topics in Applied Physics', which highlights specific topics and features rapidly developing current trends in these areas.

Other journals of interest	
• Applied Physics Express	p12
• Flexible and Printed Electronics	p28
• Journal of Physics: Condensed Matter	p42
• Journal of Physics D: Applied Physics	p43
• Nanotechnology	p55
• Plasma Sources Science and Technology	p67
• Semiconductor Science and Technology	p76
• Superconductor Science and Technology	p78

Volume	56
Frequency	12 + 14 special issues
Print ISSN	0021-4922
Online ISSN	1347-4065
CODEN	JJAPB6
Online archive	1962–2016

Journal of Breath Research

ELECTRONIC ONLY

IMPACT FACTOR 4.177

iopscience.org/jbr

Editor-in-chief

- J D Pleil, US Environmental Protection Agency, Research Triangle Park and University North Carolina, Chapel Hill, NC, USA

Journal of Breath Research™ (JBR) is dedicated to all aspects of scientific breath research. The traditional focus is on analysis of volatile compounds and aerosols in exhaled breath for the investigation of exogenous exposures, metabolism, toxicology, health status and the diagnosis of disease and breath odours. The journal also welcomes other breath-related topics.

Typical areas of interest include:

- big laboratory instrumentation for breath research
- engineering solutions: developing new breath sampling technologies
- human and animal *in vivo* studies: decoding the 'breath exposome'
- cellular respiration
- breath-based clinical, pharmacological and forensic applications
- mathematical, statistical and graphical data interpretation

Other journals of interest	
• Measurement Science and Technology	p51
• Physiological Measurement	p64

Volume	11
Frequency	4
Online ISSN	1752-7163
CODEN	JBROBW
Online archive	2007–2016 available free with journal subscription

PARTNER

- International School for Advanced Studies (SISSA)

Journal of Cosmology and Astroparticle Physics

ELECTRONIC ONLY

IMPACT FACTOR 5.634

iopscience.org/jcap

Scientific director

- V Mukhanov, Arnold Sommerfeld Center for Theoretical Physics, Munich, Germany

Journal of Cosmology and Astroparticle Physics (JCAP) is an electronic-only journal jointly owned and published by the International School for Advanced Studies (SISSA) and IOP Publishing. Highly cited, JCAP covers all aspects of cosmology and particle astrophysics, and encompasses theoretical, observational and experimental areas as well as computation and simulation.

JCAP covers the latest developments in the theory of all fundamental interactions and their cosmological implications (e.g. M-theory and cosmology, brane cosmology). JCAP's coverage also includes topics such as:

- early universe: inflationary cosmology, the origin of the cosmic asymmetry between matter and antimatter, Big Bang nucleosynthesis, cosmic microwave background
- large-scale structure of the universe
- dark matter and dark energy: the nature of dark matter and its detection, vacuum energy and quintessence
- neutrino physics and astronomy
- gravitational waves
- particle and nuclear astrophysics
- black holes and their impact on cosmology
- gamma-ray astrophysics
- string theory and cosmology

JCAP has an access-and-usage policy based on affordable and reasonable pricing for both authors and libraries.

Scientists working in particle astrophysics and cosmology – as well as astronomers and physicists working in high-energy and particle physics – will find JCAP an invaluable research tool.

Other journals of interest	
• Classical and Quantum Gravity	p22
• Journal of Physics G: Nuclear and Particle Physics	p44
• New Journal of Physics	p56

Volume	15
Online ISSN	1475-7516
CODEN	JCAPBP
Online archive	2007–2016 available free with journal subscription 2003–2006 available in the IOP Journal Archive

PARTNER

- Sinopec Geophysical Research Institute

Journal of Geophysics and Engineering

iopscience.org/jge

IMPACT FACTOR 0.736

Editors-in-chief

- Y Wang, Imperial College, London, UK
- S Qu, Sinopec Geophysical Research Institute, Nanjing, China

Deputy editor-in-chief

- J Guo, Chinese Geophysical Society, Beijing, China

Journal of Geophysics and Engineering (JGE) is a valuable resource for researchers interested in developments within Earth-physics disciplines, with a focus on applied sciences and engineering, including: geodynamics; natural and controlled-source seismology; oil, gas and mineral exploration; petrophysics; and reservoir physics.

The journal also includes contributions from all Earth-physics disciplines, from global geophysics to applied and engineering geophysics. JGE was first published in 2004, in partnership with the Sinopec Geophysical Research Institute based in Nanjing, China.

Other journals of interest

- Environmental Research Letters p25
- Inverse Problems p30
- Journal of Physics D: Applied Physics p43

Volume	14
Frequency	6
Print ISSN	1742-2132
Online ISSN	1742-2140
CODEN	JGEOC3
Online archive	2007–2016 available free with journal subscription 2004–2006 available in the IOP Journal Archive

Journal of Instrumentation

iopscience.org/jinst

ELECTRONIC ONLY

IMPACT FACTOR 1.310

PARTNER

- International School for Advanced Studies (SISSA)

Scientific director

- Marzio Nessi, CERN, Geneva, Switzerland

Journal of Instrumentation (JINST) is a multidisciplinary, electronic-only journal, created jointly by the International School of Advanced Studies (SISSA) and IOP Publishing.

JINST specialises in papers related to concepts and instrumentation in:

- radiation-detector physics
- accelerator science
- associated experimental methods and techniques, theory, modelling and simulations

JINST provides regular Technical Reports on innovative achievements related to topics covered in the journal's scope. The emphasis is not necessarily on novelty or on scientific value, but rather on relevance to the community.

JINST is of particular interest to scientists focusing on physics instrumentation – especially experimental physics research groups.

The Advisory and Editorial Boards – composed of distinguished scientists in the field – jointly establish the journal's scientific policy and ensure the scientific quality of accepted papers.

Other journals of interest	
• Journal of Physics G: Nuclear and Particle Physics	p44
• Measurement Science and Technology	p51
• Physics in Medicine & Biology	p62

Volume	12
Online ISSN	1748-0221
CODEN	JIONAS
Online archive	2007–2016 available free with journal subscription 2006 available in the IOP Journal Archive

Journal of Micromechanics and Microengineering

IMPACT FACTOR 1.768

iopscience.org/jmm

Editor-in-chief

- Professor Weileun Fang, National Tsing Hua University, Taiwan

A leading journal in its field, *Journal of Micromechanics and Microengineering*™ (JMM) covers all aspects of microelectromechanical structures, devices and systems, as well as micromechanics and micromechatronics.

JMM focuses on original work in fabrication and integration technologies, and aims to highlight the link between new fabrication technologies and their capacity to create novel devices.

The journal's scope includes original work in microengineering and nanoengineering, spanning the physical, chemical, electrical and biological realms, as well as new fabrication and integration techniques for both silicon and non-silicon materials.

The fastest peer review in its sector combined with its rejection rate of 60% makes JMM a key resource for:

- electrical, biological and mechanical engineering
- physics
- chemistry
- materials
- biochemistry and medicine

Other journals of interest	
• Journal of Physics D: Applied Physics	p43
• Measurement Science and Technology	p51
• Nanotechnology	p55
• Smart Materials and Structures	p77

Volume	27
Frequency	12
Print ISSN	0960-1317
Online ISSN	1361-6439
CODEN	JMMIEZ
Online archive	2007–2016 available free with journal subscription 1991–2006 available in the IOP Journal Archive

Journal of Neural Engineering

iopscience.org/jne

IMPACT FACTOR 3.493

Editors-in-chief

- D M Durand, Case Western Reserve University, OH, USA
- A B Schwartz, University of Pittsburgh, PA, USA

Researchers working in biomedical engineering, neuroscience, neurobiology and neurology will find this journal an essential point of reference. The scope of *Journal of Neural Engineering*™ (JNE) encompasses experimental, computational, theoretical, clinical and applied aspects of topics such as:

- brain–machine (computer) interfaces
- neuromodulation
- neural prostheses
- optical neural engineering
- neural tissue regeneration
- neural signal processing

As part of IOP Publishing's commitment to ensure that publishing in our journals is as easy as possible, JNE uploads final, accepted manuscripts for NIH-funded papers to PubMed Central automatically, unless an author requests otherwise.

Other journals of interest	
• Bioinspiration & Biomimetics	p16
• Biomedical Materials	p17
• Physiological Measurement	p64

Volume	14
Frequency	6
Print ISSN	1741-2560
Online ISSN	1741-2552
CODEN	JNEIEZ
Online archive	2007–2016 available free with journal subscription 2004–2006 available in the IOP Journal Archive

Journal of Optics

iopscience.org/jopt

IMPACT FACTOR
1.847

Editor-in-chief

- N I Zheludev, University of Southampton, UK, and Nanyang Technological University, Singapore

Journal of Optics™ (JOPT) publishes work of relevance to the optics community, including experimental and theoretical research on all aspects of modern and classical optics. JOPT publishes research in 10 key sections; each section is managed by topical editors who are experts in that particular field:

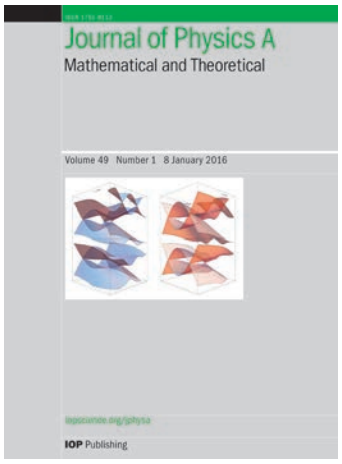
- nanophotonics and plasmonics
- metamaterials and structured photonic materials
- quantum photonics
- biophotonics
- light-matter interactions
- nonlinear and ultrafast optics
- propagation, diffraction and scattering
- information and communication optics
- integrated photonics
- photovoltaics and energy harvesting

In addition to regular research papers, JOPT publishes a select number of special issues each year. JOPT offers additional article types to meet the needs of its diverse audience: Letters give the research community prompt access to research that stands out due to novelty, significance, topicality and timeliness. Topical Reviews, commissioned by the Editorial Board, present a snapshot of recent progress in a particular field and Roadmaps provide an outlook on the status, current and future challenges and emerging technologies in high-interest areas of optics. As part of the journal's ongoing efforts to improve reader experience, all JOPT articles can now be read as enhanced article HTML – perfect for researchers using tablets or smartphones.

Other journals of interest

- Journal of Physics B: Atomic, Molecular and Optical Physics p41
- Laser Physics p48
- Laser Physics Letters p49
- New Journal of Physics p56

Volume	19
Frequency	12
Print ISSN	2040-8978
Online ISSN	2040-8986
CODEN	JOOPCA
Online archive	2007–2016 available free with journal subscription (2003–2009 under the previous name of *Journal of Optics A: Pure and Applied Optics*) 1970–2006 available in the IOP Journal Archive (under previous journal names)



Journal of Physics A: Mathematical and Theoretical

50th anniversary

IMPACT FACTOR 1.933

iopscience.org/jphysa

Editor-in-chief

- M R Evans, Edinburgh University, Edinburgh, UK

The *Journal of Physics* (JPhys) series is celebrating its 50th anniversary in 2017. *Journal of Physics A: Mathematical and Theoretical*™ (JPhysA) is a key resource for those who are interested in the mathematical structures that describe fundamental processes of the physical world, and the analytical, computational and numerical methods for exploring these structures. Researchers can access a mix of regular papers, reviews, comments and Special Issues across seven key research areas:

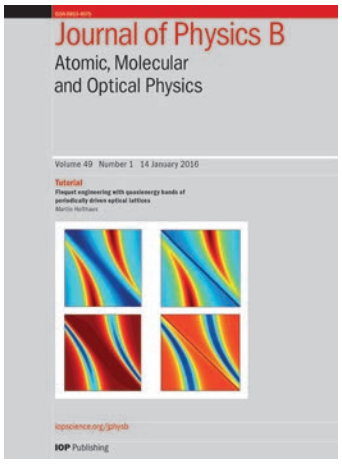
- statistical physics
- chaotic and complex systems
- mathematical physics
- quantum mechanics and quantum information theory
- field theory and string theory
- fluid and plasma theory
- biological modelling

JPhysA rapidly delivers high-quality, significant and original contributions in the arenas of mathematical and theoretical physics to a diverse readership. Outstanding short papers are made quickly available to the research community via the journal's Letters programme, while the newer Insights series supplements regular research with additional summary articles written by the authors, making their work more widely accessible to researchers working in other fields.

Readers of JPhysA can also review the article-level metrics, as well as enjoy an enhanced interactive experience through Article Evolution™.

Other journals of interest	
• Classical and Quantum Gravity	p22
• Journal of Statistical Mechanics: Theory and Experiment	p47
• Nonlinearity	p57

Volume	50
Frequency	50
Print ISSN	1751-8113
Online ISSN	1751-8121
CODEN	JPHAC5
Online archive	2007–2016 available free with journal subscription 1968–2006 available in the IOP Journal Archive



Journal of Physics B: Atomic, Molecular and Optical Physics

50th anniversary

IMPACT FACTOR 1.833

iopscience.org/jphysb

Editor-in-chief

- P Corkum, NRC Steacie Institute for Molecular Science and University of Ottawa, Canada

The *Journal of Physics* (JPhys) series is celebrating its 50th anniversary in 2017. *Journal of Physics B: Atomic, Molecular and Optical Physics*™ (JPhysB) has a reputation for publishing quality work for researchers at all stages of their careers in atomic, molecular and optical physics, including:

- atomic physics
- molecular and cluster structure, properties and dynamics
- atomic and molecular collisions
- quantum matter
- optical and laser physics
- quantum optics, information and control
- ultrafast, high-field and X-ray physics
- astrophysics and plasma physics

In addition to original research papers, Topical Reviews and Special Issues, JPhysB offers readers a variety of article types to meet the needs of the journal's audience:

- Letters, which are outstanding, concise articles, reporting important, new and timely developments
- Tutorials are based on PhD theses or lecture series – they introduce newcomers to rapidly developing fields where textbooks are still unavailable and allow researchers from related fields to gain insight into developing areas of interest
- Invited Papers are commissioned by the Editorial Board. These articles mix review material with unpublished research and deal with the latest emerging topics, to give readers contextualisation for these rapidly developing subjects
- Viewpoints are short commissioned editorials commenting on high-interest articles published in the journal

Other journals of interest	
• Journal of Optics	p39
• New Journal of Physics	p56
• Physica Scripta	p59
• Reports on Progress in Physics	p71

Volume	50
Frequency	24
Print ISSN	0953-4075
Online ISSN	1361-6455
CODEN	JPAPEH
Online archive	2007–2016 available free with journal subscription 1968–2006 available in the IOP Journal Archive

Journal of Physics: Condensed Matter

50th anniversary

IMPACT FACTOR 2.209

iopscience.org/jpcm

Editor-in-chief

- J S Gardner, National Synchrotron Radiation Research Center, Taiwan and Australian Nuclear Science and Technology Organisation

The *Journal of Physics* (JPhys) series is celebrating its 50th anniversary in 2017. *Journal of Physics: Condensed Matter*™ (JPCM), offers readers the latest research across all areas of condensed matter physics, including soft matter, nanoscience and biophysics.

Reporting experimental, theoretical and simulation studies, readers can also access JPCM's authoritative Topical Review programme, Letters and Special Issues in the areas of:

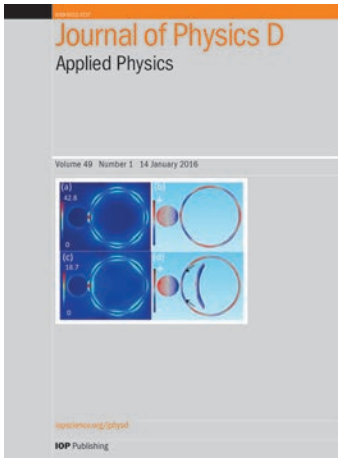
- surface, interface and atomic-scale science
- liquids, soft matter and biological physics
- nanostructures and nanoelectronics
- solid structure and lattice dynamics
- electronic structure
- correlated electrons
- superconductors and metals
- semiconductors
- dielectrics and ferroelectrics
- magnetism and magnetic materials
- computational and experimental methods

JPCM offers authors extra promotion of their work through LabTalk; news items accessible to non-experts written by the researchers themselves about the key findings of their article.

Other journals of interest

• 2D Materials	p10	• Nanotechnology	p55
• Applied Physics Express	p12	• New Journal of Physics	p56
• Japanese Journal of Applied Physics	p32	• Semiconductor Science and Technology	p76
• Journal of Physics D: Applied Physics	p43	• Superconductor Science and Technology	p78

Volume	29
Frequency	50
Print ISSN	0953-8984
Online ISSN	1361-648X
CODEN	JCOMEL
Online archive	2007–2016 available free with journal subscription 1968–2006 available in the IOP Journal Archive (under previous journal names)



Journal of Physics D: Applied Physics

50th anniversary

IMPACT FACTOR 2.772

iopscience.org/jphysd

Editor-in-chief

- G Margaritondo, École Polytechnique Fédérale de Lausanne, Switzerland

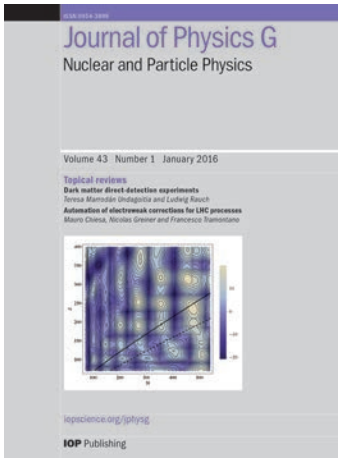
The *Journal of Physics* (JPhys) series is celebrating its 50th anniversary in 2017. Receiving more than one million downloads every year, *Journal of Physics D: Applied Physics*™ (JPhysD) reports cutting-edge multidisciplinary research across all areas of applied physics and the transition of those findings into new and innovative technologies. Researchers can access a mix of regular Papers, Topical Reviews, Letters and Special Issues across six key research areas:

- applied magnetism and applied magnetic materials
- semiconductors and photonics materials and device physics
- low-temperature plasmas and plasma-surface interactions
- condensed matter, interfaces and related nanostructures
- biological applications of physics
- physics of renewable energy and sustainability

The journal offers even more high-quality research, reviews and Special Issues. JPhysD is recommended as a key resource for researchers working in physics, chemistry, materials, engineering and biophysics.

Other journals of interest	
• Applied Physics Express	p12
• Japanese Journal of Applied Physics	p32
• Journal of Optics	p39
• Journal of Physics: Condensed Matter	p42
• Nanotechnology	p55
• Plasma Sources Science and Technology	p67
• Semiconductor Science and Technology	p76
• Superconductor Science and Technology	p78
• Surface Topography: Metrology and Properties	p79
• Translational Materials Research	p80

Volume	50
Frequency	50
Print ISSN	0022-3727
Online ISSN	1361-6463
CODEN	JPAPBE
Online archive	2007–2016 available free with journal subscription 1950–2006 available in the IOP Journal Archive



Journal of Physics G: Nuclear and Particle Physics

50th anniversary

IMPACT FACTOR 2.448

iopscience.org/jphysg

Editor-in-chief

- A Schwenk, EMMI/TU Darmstadt, Germany

The *Journal of Physics* (JPhys) series is celebrating its 50th anniversary in 2017. *Journal of Physics G: Nuclear and Particle Physics*™ (JPhysG) covers nuclear physics, particle physics and nuclear/particle astrophysics, as well as the many areas where these subjects overlap. The journal publishes original, high-quality research articles on:

- theoretical and experimental topics in the physics of elementary particles and fields
- intermediate-energy physics and nuclear physics
- experimental and theoretical research in particle, neutrino and nuclear astrophysics
- research arising from all interface areas among these fields

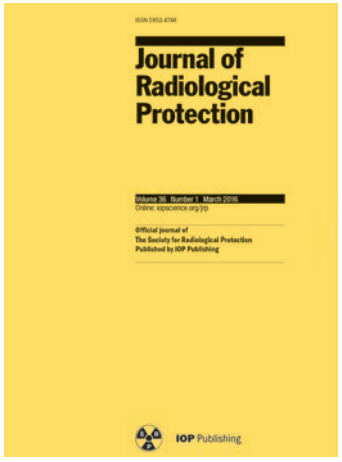
In order to react to new developments and to highlight key accomplishments, new results and directions, JPhysG also presents research in a variety of flexible formats including:

- Topical Reviews that present specially commissioned review articles on areas of current interest
- Letters that enable prompt publication of high-profile research
- LabTalk™ presents accessible article summaries written by researchers themselves introducing the findings, techniques and possible applications of their research

Other journals of interest

• Classical and Quantum Gravity	p22
• Journal of Cosmology and Astroparticle Physics	p34
• Journal of Physics A: Mathematical and Theoretical	p40
• New Journal of Physics	p56

Volume	44
Frequency	12
Print ISSN	0954-3899
Online ISSN	1361-6471
CODEN	JPGPED
Online archive	2007–2016 available free with journal subscription 1975–2006 available in the IOP Journal Archive



PARTNER

- The Society for Radiological Protection

Journal of Radiological Protection

IMPACT FACTOR 1.581

iopscience.org/jrp

Editor-in-chief

- R Wakeford, The University of Manchester, UK

As the official journal of The Society for Radiological Protection, *Journal of Radiological Protection* (JRP) is an essential and comprehensive title for all those involved with radiological protection in the medical, nuclear power and environmental industries.

The journal publishes primary research articles – as well as Topical Reviews, Practical Matter articles, Opinions, Memoranda and Letters to the Editor – across a wide range of topics, including:

- dosimetry
- instrument development
- specialised measuring techniques
- epidemiology
- biological effects (*in vivo* and *in vitro*)
- risk and environmental-impact assessments

JRP is recommended reading for anyone involved with radiological protection, whether researching in academia, working in hospitals or in nuclear power, or monitoring environmental levels of radioactive materials.

Other journals of interest	
• Physics in Medicine & Biology	p62
• Physiological Measurement	p64

Volume	37
Frequency	4
Print ISSN	0952-4746
Online ISSN	1361-6498
CODEN	JRPREA
Online archive	2007–2016 available free with journal subscription 1981–2006 available in the IOP Journal Archive

PARTNERS

- Chinese Institute of Electronics
- Institute of Semiconductors of the Chinese Academy of Sciences

Journal of Semiconductors

iopscience.org/jos

Editor-in-chief

- S Li, Institute of Semiconductors, Chinese Academy of Sciences, Beijing, China

Journal of Semiconductors (JoS), published jointly by the Chinese Institute of Electronics and the Institute of Semiconductors (a branch of the Chinese Academy of Sciences), covers the latest achievements and developments in semiconductor physics, materials, devices, circuits and related technology.

Managed by an advisory committee and an Editorial Board, the journal's broad scope includes the following areas at the forefront of semiconductor physics research:

- semiconductor superlattice and microstructure physics
- semiconductor material physics
- growth and characterisation of novel semiconductor materials, including quantum dots and quantum wires
- semiconductor device physics
- novel semiconductor devices
- CAD design and fabrication of integrated circuits
- novel technology for semiconductor devices
- semiconductor optoelectronic devices and integration
- semiconductor film growth, characterisation and application

As an interdisciplinary title based in both physics and information, JoS is a key resource for anyone with an interest in physics, chemistry, materials, electronics, engineering or biochemistry.

Other journals of interest	
• Journal of Physics: Condensed Matter	p42
• Journal of Physics D: Applied Physics	p43
• Semiconductor Science and Technology	p76

Volume	38
Frequency	12
Print ISSN	1674-4926
Online ISSN	2058-6140
CODEN	JSOEB4
Online archive	2009–2016 available free with journal subscription

Journal of Statistical Mechanics: Theory and Experiment

ELECTRONIC ONLY

IMPACT FACTOR 2.091

iopscience.org/jstat

PARTNER

- International School for Advanced Studies (SISSA)

Journal of Statistical Mechanics: Theory and Experiment (JSTAT) is published in partnership with the International School for Advanced Studies (SISSA), and offers fast publication and comprehensive coverage of theoretical and experimental research in the field of statistical physics.

JSTAT's online-only nature allows for all articles to include large data sets, tables and figures, as well as videos and other supplementary data.

JSTAT is an essential source of information for those working in mathematics or physics departments, or for any group working on applications of statistical physics. Its scope includes:

- exact results
- quantum mechanics and quantum field theory
- phase transitions and critical phenomena
- non-equilibrium processes
- fluids, instabilities, turbulence, reaction dynamics, soft and granular matter
- surfaces, interfaces, growth processes
- disordered systems and glassy matter
- statistical mechanics of complex materials
- interface between biology and physics
- information theory, combinatorial optimisation, graphs and networks
- collective phenomena in economic and social systems

Other journals of interest

- Fluid Dynamics Research p29
- Journal of Physics A: Mathematical and Theoretical p40
- Journal of Physics: Condensed Matter p42

Volume	14	Online ISSN	1742-5468
Frequency	12	CODEN	JSMTC6
Online archive	2007–2016 available free with journal subscription 2004–2006 available in the IOP Journal Archive		

PARTNER

- Astro Ltd.

Astro Ltd.

Laser Physics

iopscience.org/lp

IMPACT FACTOR
1.102

Editor-in-chief

- P P Pashinin, Prokhorov General Physics Institute, Russian Academy of Sciences, Moscow, Russia

Laser Physics (LP) is a monthly international journal offering a comprehensive view of theoretical and experimental laser research and applications. The journal was founded in 1990 on the initiative of Alexander M Prokhorov, Nobel laureate and a pioneer of laser physics. The journal thrives under the direction of an esteemed Editor-in-chief and Editorial Board, including three Nobel laureates in physics.

Articles report on every aspect of modern laser physics and quantum electronics, covering topics in interdisciplinary areas, including:

- physics of lasers
- fibre optics and fibre lasers
- quantum optics and quantum information science
- ultrafast optics and strong-field physics
- nonlinear optics
- physics of cold trapped atoms
- laser methods in chemistry, biology, medicine and ecology
- laser spectroscopy
- novel laser materials and lasers
- optics of nanomaterials
- interaction of laser radiation with matter
- laser interaction with solids
- photonics

In addition to original research papers, LP publishes Topical Reviews, Tutorials and Special Issues.

Other journals of interest	
• Journal of Optics	p39
• Laser Physics Letters	p49
• Quantum Electronics	p69

Volume	27
Frequency	12
Print ISSN	1054-660X
Online ISSN	1555-6611
CODEN	LAPHEJ
Online archive	2013–2016 available free with journal subscription Details on the LP archive (1991–2012) are available at **www.lasphys.com/lasphys**

PARTNER

- Astro Ltd.

Astro Ltd.

Laser Physics Letters

iopscience.org/lpl

IMPACT FACTOR
2.391

Editor-in-chief

- P P Pashinin, Prokhorov General Physics Institute, Russian Academy of Sciences, Moscow, Russia

Laser Physics Letters (LPL) is a monthly international journal that publishes novel and noteworthy results in the broad areas of fundamental and applied laser physics and their associated fields.

Founded in 2003, the journal provides rapid dissemination of research including spectroscopy, quantum electronics, quantum optics, quantum electrodynamics, nonlinear optics, atom optics, quantum computation, quantum information processing and storage, fibre optics and their applications in chemistry, biology, engineering and medicine.

In addition to Letters that report original research results, LPL publishes invited Topical Reviews that describe recent progress in a field of high current interest.

Other journals of interest	
• Journal of Optics	p39
• Laser Physics	p48
• Quantum Electronics	p69

Volume	14
Frequency	12
Print ISSN	1612-2011
Online ISSN	1612-202X
CODEN	LPLABC
Online archive	2007–2016 available free with journal subscription 2004–2006 available in the IOP Journal Archive

Materials Research Express

iopscience.org/mrx

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IMPACT FACTOR 0.968

Editor-in-chief

- M Meyyappan, NASA Ames Research Center, CA, USA

Materials Research Express™ (MRX) is a rapid-publication service for new experimental and theoretical research on the design, fabrication, properties and applications of all classes of materials.

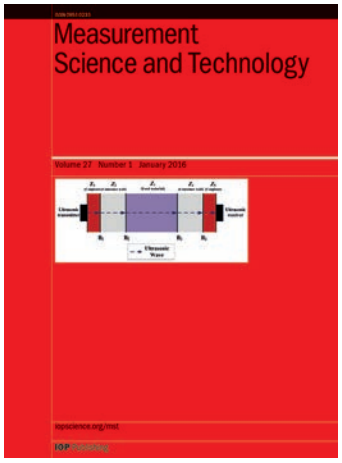
The journal's Editorial Board and International Advisory Panel of expert reviewers manage a streamlined peer-review procedure, meaning vital research can be accessed by the community as quickly as possible.

MRX keeps all materials scientists up to date with the latest developments across this important discipline, with particular areas of interest including:

- nanomaterials and nanostructures
- organic materials
- glasses and amorphous materials
- polymers
- biological and biomedical materials
- energy and environment materials
- carbon materials
- smart materials
- metamaterials
- semiconductors
- superconductors
- metals and alloys
- magnetic materials
- photonic materials
- electronic materials
- thin films

Other journals of interest	
• 2D Materials	p10
• Journal of Physics D: Applied Physics	p43
• Nanotechnology	p55
• Translational Materials Research	p80

Volume	4
Frequency	12
Online ISSN	2053-1591
CODEN	MREAC3
Online archive	2014–2016 available free with journal subscription



Measurement Science and Technology

IMPACT FACTOR 1.492

iopscience.org/mst

Editor-in-chief

- Kenneth Christensen, Notre Dame University, France

The journal is of interest to experimental researchers in all science and engineering disciplines as well as those specialising in measurement science.

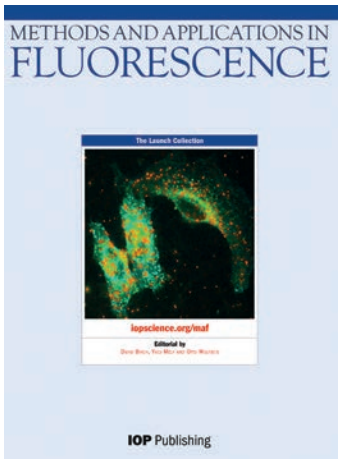
Measurement Science and Technology™ (MST) covers all aspects of the theory, practice and application of measurement and sensor technology across the sciences:

- precision measurements and metrology
- sensors and sensor systems
- optical and laser-based techniques
- fluids
- imaging
- spectroscopy
- materials and materials processing
- biological, medical and life-science
- environmental and atmospheric
- novel instrumentation systems and components

MST's strong publishing programme includes Topical Reviews and Special Issues.

Other journals of interest	
• Fluid Dynamics Research	p29
• Journal of Micromechanics and Microengineering	p37
• Journal of Optics	p39
• Journal of Physics D: Applied Physics	p43
• Metrologia	p53
• Physiological Measurement	p64
• Smart Materials and Structures	p77
• Surface Topography: Metrology and Properties	p79

Volume	28
Frequency	12
Print ISSN	0957-0233
Online ISSN	1361-6501
CODEN	MSTCEP
Online archive	2007–2016 available free with journal subscription 1923–2006 available in the IOP Journal Archive



Methods and Applications in Fluorescence

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IMPACT FACTOR 2.429

iopscience.org/maf

Editors-in-chief

- Y Mely, Université de Strasbourg, France
- D Birch, University of Strathclyde, UK
- O S Wolfbeis, University of Regensburg, Germany

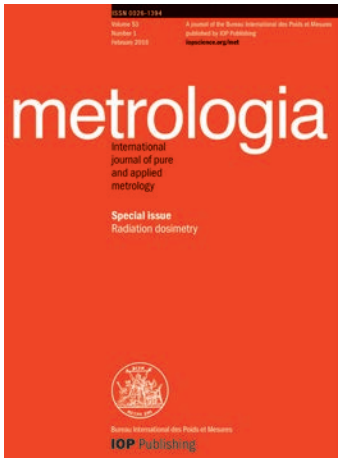
Methods and Applications in Fluorescence™ (MAF) appeals to chemists, biologists and physicists working with fluorescence or developing new optical techniques in the life sciences. As well as Review articles, the journal publishes original research articles and technical notes. The scope includes:

- new fluorescent probes and sensors for use in biology
- development and use of fluorescent nanoparticles
- instrumentation and devices for fluorescent imaging
- FRET, FLIM, FCS
- image analysis
- quantitative methods
- super-resolution imaging techniques
- lanthanide fluorescence
- fluorescent polymers

The applications of fluorescence to emerging areas in bionanotechnology, nanotechnology and medicine are very much part of the vision for the journal.

Other journals of interest	
• Journal of Optics	p39
• Physical Biology	p60

Volume	5
Frequency	4
Online ISSN	2050-6120
CODEN	MAFEB2
Online archive	2013–2016 available free with journal subscription



PARTNER

- Bureau International des Poids et Mesures

Metrologia

iopscience.org/met

IMPACT FACTOR 2.500

Editor

- J Miles, Bureau International des Poids et Mesures, Sèvres, France

Metrologia (MET) is the leading journal in pure and applied metrology, and is essential reading for all researchers to whom measurement standards and calibrations are important.

MET publishes original research on the fundamentals of measurement, including improvements to the seven base units of the International System of Units (SI) (metre, kilogramme, second, ampere, kelvin, candela, mole) or proposals to replace them.

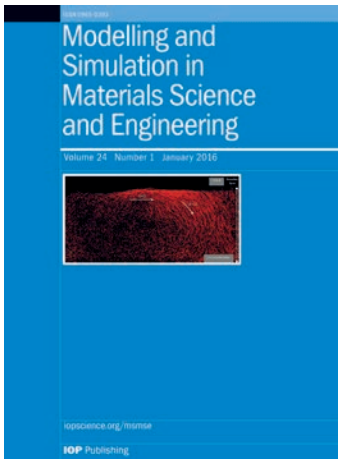
MET readers can also find articles that contribute to the accuracy of derived units, or of constants that have a fundamental importance in physics – such as Planck's constant or the gyromagnetic ratio of the proton – or that contribute to the solution of particularly difficult measurement problems.

In addition to original papers, MET publishes review articles, issues devoted to single topics of timely interest and occasional conference proceedings, as well as features that draw attention to the development of new trends of thought and experiment in this area of physical research, such as Letters to the Editor and Short Communications.

MET subscribers also have access to the journal's Technical Supplement, an electronic-only publication. An abstract for each article is provided, which contains a link to the full report in PDF format. The full report of the text forms part of the Key Comparison Database (KCDB) held on the BIPM website, **kcdb.bipm.org**.

Other journals of interest	
• Measurement Science and Technology	p51
• Physiological Measurement	p64
• Surface Topography: Metrology and Properties	p79

Volume	54
Frequency	6
Print ISSN	0026-1394
Online ISSN	1681-7575
CODEN	MTRGAU
Online archive	2007–2016 available free with journal subscription 1965–2006 available in the IOP Journal Archive



Modelling and Simulation in Materials Science and Engineering

IMPACT FACTOR 1.859

iopscience.org/msmse

Editors-in-chief

- W A Curtin, École Polytechnique Fédérale de Lausanne, Switzerland
- P A Schultz, Sandia National Laboratories, Albuquerque, NM, USA

Serving the multidisciplinary materials community, *Modelling and Simulation in Materials Science and Engineering*™ (MSMSE) publishes new research that advances the understanding and prediction of material behaviour – at scales from atomistic to macroscopic – through modelling and simulation.

The journal is led by Editors-in-chief Professor Curtin and Professor Schultz, with support from an Editorial Board of well respected field professionals who were appointed for their expert guidance and knowledge across the journal's scope, which covers:

- modelling and/or simulation across materials science that emphasises fundamental materials issues
- interdisciplinary research that tackles challenging and complex materials problems where the governing phenomena may span different scales of materials behaviour, with an emphasis on the development of quantitative approaches to explain and predict experimental observations
- material processing that advances the fundamental materials science and engineering underpinning the connection between processing and properties
- all classes of materials and mechanical, microstructural, electronic, chemical, biological and optical properties

Since the first volume was published in 1993, MSMSE has seen a continual increase in readership. This is reflected by the increase in downloads, which have totalled more than 100,000 per year since 2010.

In 2016, MSMSE will continue to provide Special Issues and Topical Reviews relevant for researchers who use modelling and simulation, as well as the broader materials science community.

Other journals of interest	
• IOP Conference Series: Materials Science and Engineering	p81
• Journal of Physics: Condensed Matter	p42
• Journal of Physics D: Applied Physics	p43
• Smart Materials and Structures	p77

Volume	25
Frequency	8
Print ISSN	0965-0393
Online ISSN	1361-651X
CODEN	MSMSEEU
Online archive	2007–2016 available free with journal subscription 1992–2006 available in the IOP Journal Archive

Nanotechnology

iopscience.org/nano

IMPACT FACTOR 3.573

Editor-in-chief

- M Reed, Yale University, CT, USA

Nanotechnology™ (NANO) was launched in 1990 as the first journal dedicated to providing comprehensive coverage across nanoscale research and technology. Since then, the journal has grown in both quality and quantity to establish itself as one of the leading titles in the field. It continues to offer cutting-edge research articles at the forefront of developments in all fields of nanotechnology research.

The journal continues to provide commentary on advances in nanoscale research in:

- energy at the nanoscale
- biology and medicine
- electronics and photonics
- patterning and nanofabrication
- sensing and actuating
- materials synthesis
- materials properties

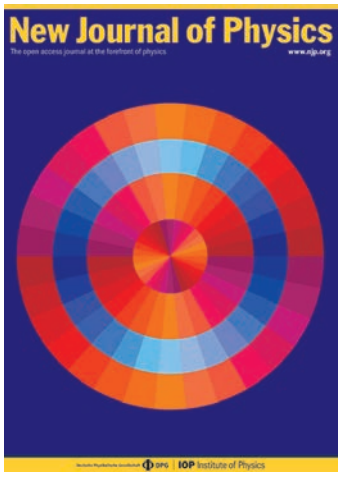
In addition to original research articles and Topical Reviews, NANO publishes Focus Collections, Fast Track Communications™ and Perspectives on a regular basis, which feature Invited Articles from highly active subject areas.

NANO is recommended to all researchers working in applied physics, chemical physics, condensed matter and materials science, and measurement science and sensors.

Other journals of interest

- 2D Materials p10
- Applied Physics Express p12
- Japanese Journal of Applied Physics p32
- Journal of Micromechanics and Microengineering p37
- Journal of Physics: Condensed Matter p42
- Journal of Physics D: Applied Physics p43
- Materials Research Express p50
- Measurement Science and Technology p51
- Translational Materials Research p80

Volume	28
Frequency	50
Print ISSN	0957-4484
Online ISSN	1361-6528
CODEN	NNOTER
Online archive	2007–2016 available free with journal subscription 1990–2006 available in the IOP Journal Archive



PARTNERS

- Deutsche Physikalische Gesellschaft
- Institute of Physics

Deutsche Physikalische Gesellschaft DPG

IOP Institute of Physics

New Journal of Physics

www.njp.org

OPEN ACCESS

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IMPACT FACTOR 3.570

Editor-in-chief

- Professor Barry Sanders, University of Calgary, Canada & University of Science and Technology of China

Co-owned by the Institute of Physics and Deutsche Physikalische Gesellschaft, *New Journal of Physics* (NJP) was the first open access journal to publish original research across all areas of physics and continues to be a leader in publishing articles of outstanding scientific quality that merit the attention and interest of the global physics community. NJP's broad coverage of physics encompasses pure, applied, theoretical and experimental research, as well as interdisciplinary topics, including:

- quantum physics (including quantum information)
- atomic and molecular physics
- optics
- condensed matter
- surface science
- nanoscale science
- photonics and device physics
- soft matter and polymers
- chemical physics
- statistical mechanics, thermodynamics and nonlinear systems
- fluid dynamics
- plasmas
- nuclear and particle physics
- cosmology and astrophysics
- biological and medical physics
- earth science and geophysics

NJP is committed to serving the entire physics community. The journal encourages authors to write their articles in a style that makes them accessible to the non-specialist. Authors can opt to publish a Video Abstract, making it easy to truly engage with the content. NJP recently introduced Fast Track Communications™, ensuring that the most important and cutting-edge research reaches readers quickly.

Other journals of interest	
• Environmental Research Letters	p25
• EPL	p26
• Journal of Physics: Conference Series	p81
• Physica Scripta	p59
• Reports on Progress in Physics	p71

Volume	19
Online ISSN	1367-2630
CODEN	NJOPFM
Online archive	1998–2016 freely available to all at **www.njp.org**

PARTNER

- The London Mathematical Society

Nonlinearity

iopscience.org/non

30th ANNIVERSARY

IMPACT FACTOR 1.289

Editors-in-chief

- E Knobloch, University of California, Berkeley, USA
- C Liverani, Università di Roma 'Tor Vergata', Italy

Celebrating its 30th anniversary in 2017, *Nonlinearity* (NON) presents original work that spans the interdisciplinary nature of nonlinear science. The broad scope of the journal ranges from physics, mathematics and engineering to biological science.

NON's Editorial Board is comprised of members with expertise in extremely diverse subject areas, reflecting the varied interests of the title's wide readership and ensuring that NON continues to be an essential resource for researchers in any field where nonlinearity is of fundamental importance. Subjects covered in the journal include:

- nonlinear, chaotic and dynamical systems and their applications
- mathematical biology
- nonlinear partial differential equations
- fluid dynamics, including fluid boundaries, vortex dynamics, turbulence and rogue waves
- network dynamics and swarming
- quantum dynamics and quantum chaos

All authors are strongly encouraged to provide sufficient introductory material to make their work accessible to NON's wide readership.

Other journals of interest	
• Inverse Problems	p30
• Journal of Physics A: Mathematical and Theoretical	p40
• Russian Mathematical Surveys	p74

Volume	30
Frequency	12
Print ISSN	0951-7715
Online ISSN	1361-6544
CODEN	NONLE5
Online archive	2007–2016 available free with journal subscription 1988–2006 available in the IOP Journal Archive

PARTNER

- International Atomic Energy Agency

IAEA

Nuclear Fusion

iopscience.org/nf

IMPACT FACTOR 4.040

Editor-in-chief

- A Fasoli, Ecole Polytechnique Federale de Lausanne, Lausanne, Switzerland

Associate editor for Inertial Confinement

- M Tabak, Lawrence Livermore National Laboratory, CA, USA

Chairman of the Board of Editors

- M Kikuchi, Japan Atomic Energy Agency, Japan

Founded by the International Atomic Energy Agency (IAEA) in 1960, *Nuclear Fusion* (NF) is the acknowledged world-leading journal specialising in fusion. The journal covers all aspects of theoretical and practical research that are relevant to controlled thermonuclear fusion.

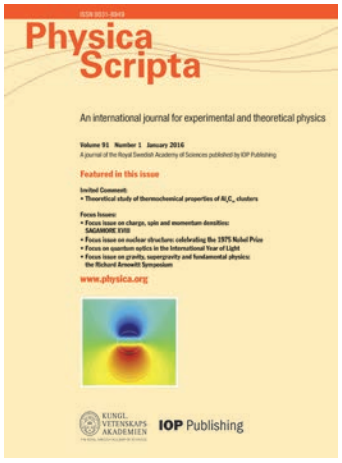
Since 2002, a co-publishing arrangement has been in place that combines the IAEA's peer review and author services with the publishing expertise of IOP Publishing. Today, the journal continues its tradition as a leading voice of the worldwide fusion community while offering the most up-to-date electronic services (including key papers from the history of fusion research) covering subjects in:

- the production, heating and confinement of high-temperature plasmas
- the physical properties of such plasmas
- the experimental or theoretical methods of exploring or explaining them
- fusion-reactor physics
- reactor concepts
- fusion technologies

Other journals of interest

- Plasma Physics and Controlled Fusion p65
- Plasma Science and Technology p66
- Plasma Sources Science and Technology p67

Volume	57
Frequency	12
Print ISSN	0029-5515
Online ISSN	1741-4326
CODEN	NUFUAU
Online archive	2007–2016 available free with journal subscription 1960–2006 available in the IOP Journal Archive



PARTNER

- The Royal Swedish Academy of Sciences

Physica Scripta

www.physica.org

IMPACT FACTOR 1.194

Editor-in-chief

- S Lidström, The Royal Swedish Academy of Science, Stockholm, Sweden

Physica Scripta (PhysScr), published by IOP Publishing on behalf of The Royal Swedish Academy of Sciences, is an international journal that provides original research across a broad range of physics and related areas, with a focus on interdisciplinary and cross-disciplinary topics.

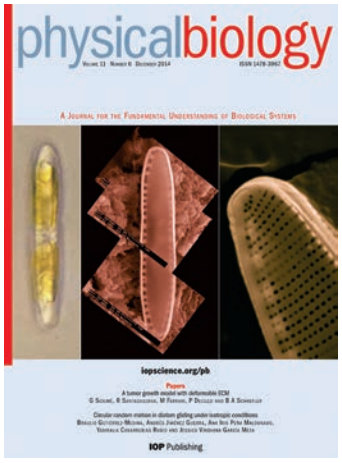
PhysScr publishes 12 issues annually and also publishes Invited Comments, which are commissioned by the Editorial Board.

These invited articles describe the current thinking of leading researchers on outstanding problems, and may include discussion of open questions, important new applications, new theoretical and experimental approaches, and/or predictions of future developments. They are intended to bridge gaps in readers' knowledge, be readily understood by experts and students alike, and provide insight into problems, methods and results in different areas of physics.

PhysScr also publishes Focus and Topical issues that contain selected presentations from international conferences or invited articles on a topic of high current interest, highlighting cutting-edge research across key areas of physics. The annual Novel Physics Symposium is frequently published as a Topical issue.

Other journals of interest	
• EPL	p26
• Journal of Physics A: Mathematical and Theoretical	p40
• Journal of Physics B: Atomic, Molecular and Optical Physics	p41
• Journal of Physics: Condensed Matter	p42
• Journal of Physics D: Applied Physics	p43

Volume	92
Frequency	12
Print ISSN	0031-8949
Online ISSN	1402-4896
CODEN	PHSCAS
Online archive	2007–2016 available free with journal subscription 1970–2006 available in the IOP Journal Archive



Physical Biology

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IMPACT FACTOR 1.837

Editor-in-chief

- Professor Herbert Levine, Rice University, TX, USA

Physical Biology™ (PB) bridges research in the biological and physical sciences, and showcases a range of interdisciplinary papers, reviews and perspectives with an innovative edge.

Accepting contributions from a wide range of biological subfields, and strongly encouraging articles concerning the generation or explanation of experimental data, PB covers an extensive range of subjects, including:

- intracellular processes e.g. cytoskeleton dynamics, cellular transport, cell division
- systems biology e.g. signalling, gene regulation and metabolic networks
- developmental processes
- physical aspects of disease e.g. cancer progression, viruses, amyloid formation
- neuronal dynamics
- population dynamics, ecology and evolution
- biomolecular structure and interactions e.g. protein folding, DNA packaging
- cells and their microenvironment e.g. cell mechanics, chemotaxis, extracellular matrix, biofilms
- novel physical techniques to probe biological systems
- synthetic biology e.g. reprogramming genetic and metabolic systems

With a focus on novel research and an international board of experts, PB is recommended for individuals and departments based in physics, biology and biomedical sciences, biomedical engineering and bioengineering, and mathematics or biomathematics.

Other journals of interest	
• Biomedical Physics & Engineering Express	p18
• Journal of Physics: Condensed Matter	p42
• Nanotechnology	p55
• New Journal of Physics	p56
• Physics in Medicine & Biology	p62

Volume	14
Frequency	6
Online ISSN	1478-3975
CODEN	PBHIAT
Online archive	2007–2016 available free with journal subscription 2004–2006 available in the IOP Journal Archive

Physics Education

iopscience.org/physed

Editor-in-chief

- G Williams, Institute of Physics, London, UK

Physics Education (PED) is an international journal that supports the physics teaching community. It provides a forum for educators to share experiences and information that promotes the continual development in the teaching of physics to 11–18 year olds.

It offers professional development and support to physics teachers around the world by providing:

- a forum for practising teachers to make an active contribution to the physics-teaching community
- knowledge updates in physics, educational research and relevant curriculum developments
- strategies for teaching and classroom management that will engage and motivate students

In addition to feature papers, PED publishes shorter frontline papers, news, resource reviews, letters and multimedia supplementary material. It also features a video-abstract channel, where authors go beyond the constraints of the written article to convey their research.

PED readers benefit from the perspective and expertise of the journal's international advisory panel. It is a valuable resource for anyone involved in physics education at the high-school or undergraduate level – teachers, lecturers and teacher trainers in university physics, engineering and education departments – as well as for those producing resources for schools, colleges and universities, companies with an education programme, government-funded bodies, and government-funding departments.

Other journals of interest	
• European Journal of Physics	p27
• Physics–Uspekhi	p63
• Reports on Progress in Physics	p71

Volume	52
Frequency	6
Print ISSN	0031-9120
Online ISSN	1361-6552
CODEN	PHEDA7
Online archive	2007–2016 available free with journal subscription 1966–2006 available in the IOP Journal Archive

PARTNER

- Institute of Physics and Engineering in Medicine

Physics in Medicine & Biology

IMPACT FACTOR 2.811

iopscience.org/pmb

Editor-in-chief

- S R Cherry, University of California, Davis, USA

Physics in Medicine & Biology (PMB) is published in partnership with the Institute of Physics and Engineering in Medicine (IPEM) and covers:

- all areas of radiotherapy physics
- radiation dosimetry (ionising and non-ionising radiation)
- biomedical imaging (e.g. X-ray, MRI, ultrasound, optical, nuclear medicine)
- image reconstruction and kinetic modelling
- image analysis and computer-aided detection
- other radiation medicine applications
- therapies (including non-ionising radiation)
- biomedical optics
- radiation protection
- radiobiology

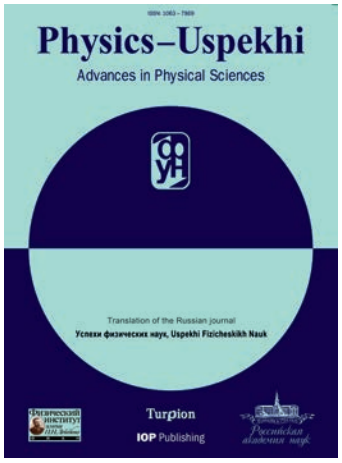
The journal has experienced outstanding growth in recent years and continues to build on its excellent reputation.

This journal is essential reading for medical physicists, clinicians and industry specialists involved in the manufacturing and testing of radiotherapy equipment, with the purpose of improving the understanding, detection and treatment of disease, and the management of patients.

Many of the best papers published are promoted to a wider audience via coverage on IOP's community website **medicalphysicsweb.org**™.

Other journals of interest	
• Biomedical Physics & Engineering Express	p18
• Inverse Problems	p30
• Journal of Neural Engineering	p38
• Journal of Radiological Protection	p45
• Physiological Measurement	p64

Volume	62
Frequency	24
Print ISSN	0031-9155
Online ISSN	1361-6560
CODEN	PHMBA7
Online archive	2007–2016 available free with journal subscription 1956–2006 available in the IOP Journal Archive



PARTNERS

- Turpion
- Uspekhi Fizicheskikh Nauk
- Russian Academy of Sciences

Physics–Uspekhi
(Advances in Physical Sciences)

IMPACT FACTOR 2.126

iopscience.org/phu

Editor-in-chief

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First deputy editor

- V A Rubakov, Institute for Nuclear Research, Russian Academy of Sciences, Moscow, Russia

Associate editors

- L P Pitaevskii, P L Kapitza Institute for Physical Problems, Russian Academy of Sciences, Moscow, Russia
- O V Rudenko, M V Lomonosov Moscow State University, Russia

The flagship journal of the Russian Academy of Sciences, *Physics–Uspekhi (Advances in Physical Sciences)* (PU) is the English translation of the authoritative Russian-language review journal, *Uspekhi Fizicheskikh Nauk*, first published in 1918, which describes and discusses the latest achievements in physics and associated fields.

Papers in PU cover a wide spectrum of the world's scientific research, with particular attention given to astrophysics, high-energy physics, solid-state physics, nonlinear phenomena and modern interdisciplinary areas. Principal headings include: reviews of topical problems, physics of our day, instruments and methods of investigation, methodological notes, from the history of physics, conferences and symposia, and book reviews.

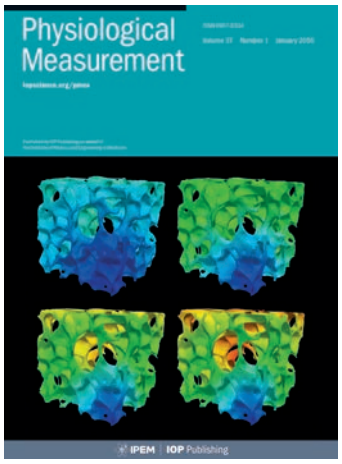
The journal's historic archive provides access to the golden age of Russian science in physics, including research by Nobel laureates, and other leading and pivotal characters in the history and development of Russian science.

Articles published in PU are accessible to established physicists and senior researchers as well as individuals beginning their career in science.

Other journals of interest

- EPL p26
- New Journal of Physics p56
- Reports on Progress in Physics p71

Volume	60	Online ISSN	1468-4780
Frequency	12	CODEN	PHUSEY
Print ISSN	1063-7869		
Online archive	1958–2016 available free with journal subscription 1958–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access to the content back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/phu**		



PARTNER

- Institute of Physics and Engineering in Medicine

Physiological Measurement

iopscience.org/pmea

IMPACT FACTOR 1.576

Editor-in-chief

- J R Moorman, University of Virginia, Charlottesville, USA

Physiological Measurement (PMEA) publishes papers about the quantitative assessment and visualisation of physiological function in clinical research and practice, with an emphasis on the development of new methods of measurement and other validation.

Papers are published on topics including:

- applied physiology in illness and health
- electrical bioimpedance, optical and acoustic measurement techniques
- advanced methods of time series and other data analysis
- biomedical and clinical engineering
- in-patient and ambulatory monitoring
- point of care technologies
- novel clinical measurements of cardiovascular, neurological, and musculoskeletal systems
- novel clinical measurement of flows and pressures in lung, heart and blood vessels
- measurements in molecular and cellular and organ physiology and electrophysiology
- physiological modelling and simulation
- novel biomedical sensors, instruments, devices and systems
- measurement standards and guidelines

The journal encourages publication of data and code as well as results.

Other journals of interest	
• Journal of Breath Research	p33
• Journal of Neural Engineering	p38
• Measurement Science and Technology	p51
• Physics in Medicine & Biology	p62

Volume	38
Frequency	12
Print ISSN	0967-3334
Online ISSN	1361-6579
CODEN	PMEAE3
Online archive	2007–2016 available free with journal subscription 1980–2006 available in the IOP Journal Archive

Plasma Physics and Controlled Fusion

IMPACT FACTOR 2.404

iopscience.org/ppcf

A leading voice in plasma physics, *Plasma Physics and Controlled Fusion*™ (PPCF) covers the latest experimental and theoretical research into the physics of hot, highly ionised plasmas and controlled nuclear fusion.

The scope of PPCF includes:

- experimental and theoretical research into all aspects of hot, highly ionised plasmas
- nuclear fusion (both magnetic confinement fusion and inertial confinement fusion)
- basic phenomena in highly ionised gases in the laboratory, in the ionosphere and in space
- diagnostic methods relevant to fusion and high-temperature plasmas

PPCF's direction is overseen by an Editorial Board comprised of leading researchers from major international laboratories. These experts ensure that the latest and most relevant work is published, making PPCF the destination journal for researchers in the fields of nuclear fusion and high-temperature plasma physics.

Other journals of interest	
• Nuclear Fusion	p58
• Plasma Science and Technology	p66
• Plasma Sources Science and Technology	p67

Volume	59
Frequency	12
Print ISSN	0741-3335
Online ISSN	1361-6587
CODEN	PLPHBZ
Online archive	2007–2016 available free with journal subscription 1960–2006 available in the IOP Journal Archive

Plasma Science and Technology

iopscience.org/pst

IMPACT FACTOR 0.659

PARTNERS

- Hefei Institutes of Physical Science, Chinese Academy of Sciences (CASHIPS)
- Chinese Society of Theoretical and Applied Mechanics

Editor-in-chief

- J Li, Institute of Plasma Physics, Chinese Academy of Sciences, Hefei, China

Entering its 19th year of publication, *Plasma Science and Technology* (PST) offers novel experimental and theoretical results in plasma physics to the international research community, highlighting the progress of interdisciplinary and applied aspects of the field.

PST is the journal of choice for plasma research from China and publishes across a wide range of plasma-related topics, including:

- basic plasma phenomena
- plasma theory and modelling
- magnetically confined plasma
- inertially confined plasma
- low-temperature plasma
- astrophysics and space plasma
- plasma technology
- fusion engineering

Other journals of interest	
• Journal of Physics D: Applied Physics	p43
• Nuclear Fusion	p58
• Plasma Physics and Controlled Fusion	p65
• Plasma Sources Science and Technology	p67

Volume	19
Frequency	12
Print ISSN	1009-0630
Online ISSN	2058-6272
CODEN	PSTHC3
Online archive	2007–2016 available free with journal subscription 1999–2006 available in the IOP Journal Archive

Plasma Sources Science and Technology

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IMPACT FACTOR 2.808

iopscience.org/psst

A multidisciplinary journal containing theoretical, computational and experimental techniques for the study of low-temperature plasmas, *Plasma Sources Science and Technology*™ (PSST) reflects the relevance of low-temperature plasmas for researchers in fields as varied as medical physics, engineering and materials science.

PSST produces a strong programme of Special Issues and Topical Reviews, focusing on the latest developments in the field, with a scope that is relevant for both theory and applications in materials processing and environmental treatment:

- fundamental studies of low-temperature plasmas and ionised gases operating over all ranges of gas pressure and plasma density
- plasma sources and the processes initiated or sustained by them
- theoretical, computational and experimental techniques and data for the study of low-temperature plasmas

PSST offers Letters to its readership – a service that enables prompt publication of high-profile research – so that readers can be confident that they have the most up-to-date papers available in the field.

Additionally, PSST gives readers access to collections of papers based on content that was previously presented as invited talks at international meetings. These articles are subject to the same high standards of peer review as regular journal articles.

Other journals of interest

• Applied Physics Express	p12	• Plasma Physics and Controlled Fusion	p65
• Japanese Journal of Applied Physics	p32	• Plasma Science and Technology	p66
• Journal of Physics D: Applied Physics	p43		

Volume	26	Online ISSN	1361-6595
Frequency	12	CODEN	PSTEEU
Print ISSN	0963-0252		
Online archive	2007–2016 available free with journal subscription 1992–2006 available in the IOP Journal Archive		

PARTNER

- Astronomical Society of the Pacific

Publications of the Astronomical Society of the Pacific

IMPACT FACTOR 4.422

iopscience.org/pasp

Editor-in-chief

- J Mangum, National Radio Astronomy Observatory, VA, USA

Associate editor

- D Fabricant, Harvard-Smithsonian Center for Astrophysics, MA, USA

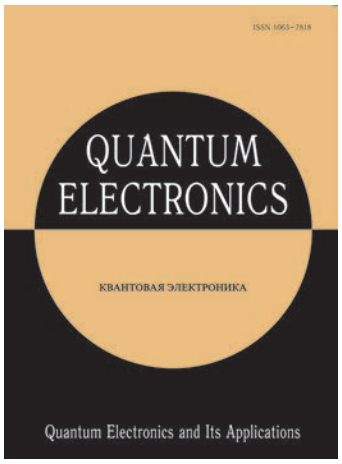
First published in 1889, *Publications of the Astronomical Society of the Pacific* (PASP) was a new addition to the IOP Publishing portfolio in 2016. Published on behalf of the Astronomical Society of the Pacific, the journal offers a unique blend of novel research, timely reviews, special issues, tutorials, and other information important to astronomers, astrophysicists, and educators.

Managed by 10 editors since its launch, PASP covers the following subject areas:

- astronomy and astrophysics, covering all wavelengths and distance scales
- instrumentation, data analysis and software
- astrophysical calculations, techniques and method tutorials

Other journals of interest	
• The Astronomical Journal	p13
• The Astrophysical Journal	p14
• Chinese Physics C	p20
• Classical and Quantum Gravity	p22
• Journal of Cosmology and Astroparticle Physics	p34
• Reports on Progress in Physics	p71
• Research in Astronomy and Astrophysics	p72

Volume	129
Frequency	12
Print ISSN	0004-6280
Online ISSN	1538-3873
CODEN	PASPAU
Online archive	1889–2016 available free with journal subscription



PARTNERS

- Turpion
- Russian Academy of Sciences

Turpion

Quantum Electronics

iopscience.org/qe

IMPACT FACTOR 0.978

Editor-in-chief

- O N Krokhin, P N Lebedev Physical Institute, Russian Academy of Sciences, Moscow, Russia

Associate editors

- I B Kovsh, Laser Association, Moscow, Russia
- A S Semenov, P N Lebedev Physical Institute, Russian Academy of Sciences, Moscow, Russia

Established alongside the Russian journal *Kvantovaya Elektronika* in 1971, the English translation *Quantum Electronics* (QE) is produced just weeks after each original edition, giving fast access to research from more than 300 world-class Russian institutions and specialists from 25 countries.

QE is the only journal that provides comprehensive results in topics such as quantum electronic devices, laser physics and optics, interaction of laser radiation with matter, and the transmission and processing of information at basic and applied research levels. Special attention is now given to laser nanotechnologies, laser biology and medicine. It is a valuable resource for those working with all aspects of laser research or with the practical application of laser technologies in the metrological, biological and medical fields, or in the electronics, engineering, defence and materials industries. The journal's historic archive provides access to pioneering research in these areas, including research by Nobel laureates, and other leading and pivotal characters in the history and development of Russian science.

With an Editorial Board and council consisting of more than 40 world-class experts, the journal also covers laser plasmas, nonlinear optical phenomena, nanotechnologies, fibre and integrated optics, and active media, and continues to build on the strong foundation established by Nobel Prize laureate Nikolay G Basov.

Other journals of interest

• Journal of Optics	p39
• Journal of Physics B: Atomic, Molecular and Optical Physics	p41
• Nanotechnology	p55
• Physics–Uspekhi	p63
• Plasma Physics and Controlled Fusion	p65
• Semiconductor Science and Technology	p76

Volume	47	Online ISSN	1468-4799
Frequency	12	CODEN	QUELEZ
Print ISSN	1063-7818		
Online archive	1971–2016 available free with journal subscription 1971–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access to the content back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/qe**		

Quantum Science and Technology

iopscience.org/qst

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Editor-in-chief

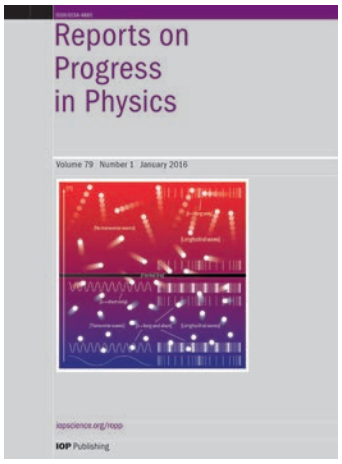
- R Thew, University of Geneva, Switzerland

Quantum Science and Technology™ (QST) is a single, high-quality publication vehicle for a research area that has evolved from the original confines of quantum theory to become an established and common field of interest. QST bridges aspects of applied mathematics, condensed matter, quantum optics, atomic physics and materials science, and also extends to chemistry, biology, engineering, and computer science. Specific topics of interest include:

- quantum cryptography
- quantum metrology
- quantum sensing
- quantum communication
- quantum computation
- quantum biology
- quantum materials
- quantum control
- quantum simulators
- hybrid quantum systems

Other journals of interest	
• Journal of Physics A: Mathematical and Theoretical	p40
• Journal of Physics B: Atomic, Molecular and Optical Physics	p41
• Nanotechnology	p55
• New Journal of Physics	p56
• Semiconductor Science and Technology	p76
• Superconductor Science and Technology	p78

Volume	2
Frequency	4
Online ISSN	2058-9565
CODEN	QSTUAH
Online archive	2016 available free with journal subscription



Reports on Progress in Physics

iopscience.org/ropp

IMPACT FACTOR
12.933

Editor-in-chief

- G Baym, University of Illinois at Urbana-Champaign, IL, USA

Deputy editor

- J Onuchic, Rice University, IL, USA

Reports on Progress in Physics™ (ROPP) has a long-established reputation as an essential resource for authoritative review articles covering all branches of physics. Its appeal lies in both the scope of its subject coverage as well as the high quality of the reviews. Guided entirely by its distinguished Editorial Board, ROPP includes content written exclusively by worldwide experts in fields across the entire spectrum of physics.

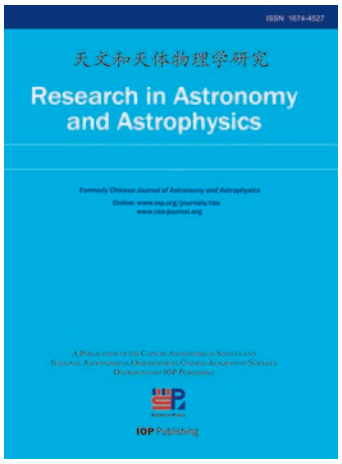
ROPP's prestigious reputation stem not only from its authoritative and highly cited commissioned articles, but also from the emphasis placed on adapting to meet the needs of graduate students, researchers entering new fields and established experts alike.

As part of this evolution and in addition to the review articles for which the journal is known, ROPP has introduced two other article types in recent years to deal with subjects of current or critical interest to researchers:

- **Reports on Progress** articles recount the current status of a rapidly advancing field that holds significant interest but has not yet fully developed, with an emphasis on identifying disagreements whose resolution would lead to progress in the field.
- **Key Issues Reviews** focus on the current compelling questions in physics and identify the critical aspects of growing fields whose significance and goals are undeveloped or disputed.

Other journals of interest

Volume	80	Online ISSN	1361-6633
Frequency	12	CODEN	RPPHAG
Print ISSN	0034-4885		
Online archive	2007–2016 available free with journal subscription 1934–2006 available in the IOP Journal Archive		



PARTNERS

- Chinese Astronomical Society
- National Astronomical Observatories, Chinese Academy of Sciences

Research in Astronomy and Astrophysics

IMPACT FACTOR 1.292

iopscience.org/raa

Editor-in-chief

- J Wang, National Astronomical Observatories, Chinese Academy of Sciences, Beijing, China

Research in Astronomy and Astrophysics (RAA) is a rapidly developing international journal that publishes top-quality research from astronomers and astrophysicists worldwide.

The journal is published in partnership with the Chinese Astronomical Society and National Astronomical Observatories, Chinese Academy of Sciences.

RAA publishes research papers and review articles on all branches of astronomy and astrophysics, especially:

- large-scale structure of universe formation and evolution of galaxies
- high-energy and cataclysmic processes in astrophysics
- formation and evolution of stars
- astrogeodynamics
- solar magnetic activity and heliogeospace environments
- dynamics of celestial bodies in the solar system and artificial bodies
- space observation and exploration
- new astronomical techniques and methods

Researchers can keep up to date with recent articles published in RAA by registering for table-of-contents alerts on the journal's home page.

Other journals of interest

Volume	17
Frequency	12
Print ISSN	1674-4527
Online ISSN	2397-6209
CODEN	RAAEBW
Online archive	2007–2016 available free with journal subscription 2001–2006 available in the IOP Journal Archive

PARTNERS

- Turpion
- Russian Academy of Sciences

Russian Chemical Reviews

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IMPACT FACTOR 3.687

Editor-in-chief

- O M Nefedov, Russian Academy of Sciences, Moscow, Russia

Russian Chemical Reviews (RCR) is the English translation of the monthly review journal *Uspekhi Khimii*, one of the leading Russian journals in chemistry, founded in 1932. The journal showcases the advances and achievements of leading chemists from Russia and other countries of the former Soviet Union, in most aspects of modern chemistry:

- chemical physics
- physical chemistry, including catalysis
- mathematical chemistry
- co-ordination chemistry
- analytical chemistry
- organic and organometallic chemistry
- chemistry of macromolecules
- biochemistry, bio-organic chemistry and biomolecular chemistry
- medicinal chemistry
- materials chemistry, nanochemistry, nanostructures
- environmental chemistry

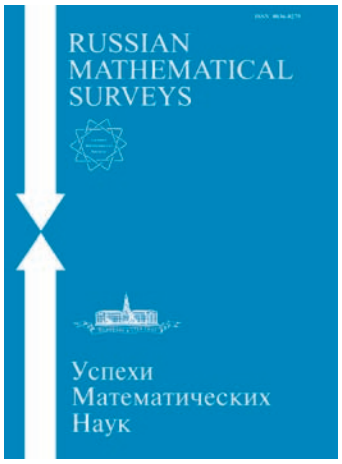
RCR's historic archive provides access to the golden age of Russian science in chemistry and associated fields, including research by Nobel laureates, and other leading and pivotal characters in the history and development of Russian science.

Its combination of expertise and interdisciplinary approach means RCR appeals to scientists at all levels working with chemistry, physical chemistry, chemical physics, materials science, nanochemistry, nanostructures and nanotechnologies.

Other journals of interest

- Journal of Physics B: Atomic, Molecular and Optical Physics p41
- Journal of Physics: Condensed Matter p42
- Nanotechnology p55

Volume	86	Online ISSN	1468-4837
Frequency	12	CODEN	RCRVAB
Print ISSN	0036-021X		
Online archive	1960–2016 available free with journal subscription 1960–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access to the content back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/rcr**		



PARTNERS

- Turpion
- Russian Academy of Sciences
- The London Mathematical Society

Russian Mathematical Surveys

iopscience.org/rms

IMPACT FACTOR 0.959

Editor-in-chief

- S P Novikov, Russian Academy of Sciences, Moscow, Russia, and University of Maryland, College Park, MD, USA

Deputy editors

- V M Buchstaber, V A Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

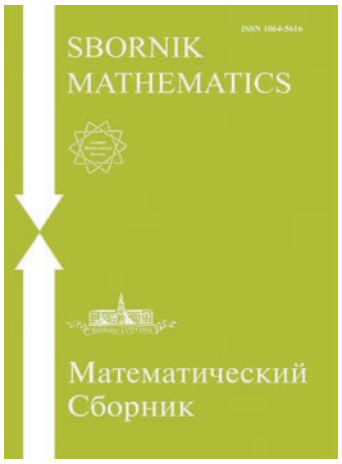
Covering a wide spectrum of mathematics, mechanics and mathematical physics, *Russian Mathematical Surveys* (RMS) is the English translation of the prestigious Russian journal *Uspekhi Matematicheskikh Nauk*, founded in 1936. Since 1998, RMS has been published jointly by Turpion, The London Mathematical Society and the Russian Academy of Sciences.

RMS consists of survey articles on current trends in mathematics, written by leading experts at the request of the Editorial Board, and Short Communications showcasing the results of new research from the Moscow Mathematical Society, as well as being the only journal that provides a record of mathematical life in Russia and biographical material. Translated into English since 1960, the journal's historic archive provides access to the golden age of Russian science in mathematics, including research by many Fields Medal-winning authors, and other leading and pivotal characters in the history and development of the Russian math schools.

With a high reputation in the mathematics community, RMS has the highest circulation and usage among Russian mathematical journals. It provides respected and eminent articles for researchers, lecturers, students and postdoctoral workers across various branches of pure mathematics and related sciences.

Other journals of interest	
• Izvestiya: Mathematics	p31
• Journal of Physics A: Mathematical and Theoretical	p40
• Nonlinearity	p57
• Sbornik: Mathematics	p75

Volume	72
Frequency	6
Print ISSN	0036-0279
Online ISSN	1468-4829
Online archive	1960–2016 available free with journal subscription 1960–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access to the content back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/rms**



PARTNERS

- Turpion
- Russian Academy of Sciences
- The London Mathematical Society

Sbornik: Mathematics

iopscience.org/msb

IMPACT FACTOR 0.526

Editor-in-chief

- B S Kashin, V A Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

Deputy editor

- A N Parshin, V A Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

Sbornik: Mathematics (SM) is the English translation of the Russian monthly journal *Matematicheskii Sbornik*, founded in 1866. The oldest Russian mathematical journal, translated into English since 1967, SM covers a wide spectrum of areas in pure mathematics, focusing on key developments in mathematical analysis, ordinary differential equations, partial differential equations, mathematical physics, geometry, algebra and functional analysis. Since 1995, SM has been published jointly by Turpion, The London Mathematical Society and the Russian Academy of Sciences. The electronic version of SM is now published monthly and the print issue of SM, which is made up of two issues of *Matematicheskii Sbornik* translated into English, continues to be published bimonthly.

The journal's historic archive provides access to the golden age of Russian science in mathematics and related fields, including research by many Fields Medal-winning authors, and other leading and pivotal characters in the history and development of the Russian math schools.

Publishing only original research papers containing full results in the author's particular field of study, SM maintains a high reputation in the mathematical community and has seen both its Impact Factor and its submission rate rise steadily in recent years. The journal consistently offers eminent, relevant research for students, lecturers, postdoctoral workers and researchers across departments such as mechanics, mathematics, theoretical and mathematical physics.

Other journals of interest	
• Izvestiya: Mathematics	p31
• Journal of Physics A: Mathematical and Theoretical	p40
• Nonlinearity	p57
• Russian Mathematical Surveys	p74

Volume	208
Frequency	6
Print ISSN	1064-5616
Online ISSN	1468-4802
Online archive	1967–2016 available free with journal subscription 1967–2006 available in Turpion's Historic Archive: Turpion offers the option to acquire perpetual rights of Turpion journals content for a one-time purchase. Since 2008, electronic access to the content back to the first English translation volume has been hosted by IOP Publishing at **iopscience.org/msb**

Semiconductor Science and Technology

IMPACT FACTOR 2.098

iopscience.org/sst

Editor-in-chief

- K Nielsch, Leibniz Institute of Solid State and Materials Research, Germany

Semiconductor Science and Technology™ (SST) focuses exclusively on semiconductor research and its applications. SST is a leader among specialised semiconductor journals; the quality of research published in SST is reflected in its high downloads-per-article rate. The journal has attracted a growing international readership.

SST's scope covers fundamental and applied experimental and theoretical studies of the properties of semiconductors, their interfaces and devices including:

- fundamental properties
- materials and nanostructures
- devices and applications
- fabrication and processing
- emerging fields
  - topological semiconductors
  - layered materials and nanowires
  - semiconductors for energy
  - flexible electronics

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Other journals of interest	
• Applied Physics Express	p12
• Japanese Journal of Applied Physics	p32
• Journal of Physics: Condensed Matter	p42
• Journal of Physics D: Applied Physics	p43
• Nanotechnology	p55

Volume	32
Frequency	12
Print ISSN	0268-1242
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- sensor and sensor networks for smart materials and structure applications

Other journals of interest	
• Bioinspiration & Biomimetics	p16
• Journal of Micromechanics and Microengineering	p37
• Measurement Science and Technology	p51
• Nanotechnology	p55

Volume	26
Frequency	12
Print ISSN	0964-1726
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Superconductor Science and Technology

30th ANNIVERSARY

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Other journals of interest

- Applied Physics Express p12
- Japanese Journal of Applied Physics p32
- Journal of Physics: Condensed Matter p42
- Journal of Physics D: Applied Physics p43
- New Journal of Physics p56
- Quantum Science and Technology p70
- Reports on Progress in Physics p71

Volume	30
Frequency	12
Print ISSN	0953-2048
Online ISSN	1361-6668
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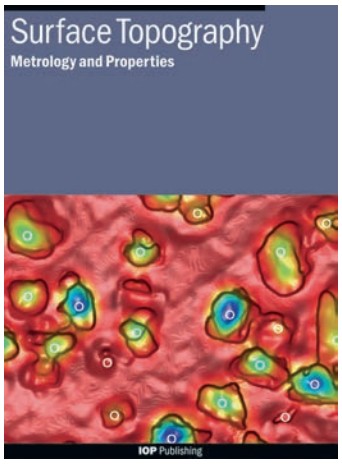

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- In-line/in-process measurement
- Surface appearance and perception engineering
- Surface chemistry and reactions at the interface
- Surface, micro- and nanometrology

Other journals of interest	
• Journal of Micromechanics and Microengineering	p37
• Journal of Physics D: Applied Physics	p43
• Materials Research Express	p50
• Measurement Science and Technology	p51
• Metrologia	p53

Volume	5
Frequency	4
Online ISSN	2051-672X
CODEN	STMPCW
Online archive	2013–2016 available free with journal subscription

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TMR publishes content in two sections:

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TMR's companion blog, TMR+ (**tmrplus.iop.org**), extends the journal's coverage of key topics and provides extra visibility for authors and institutions.

Other journals of interest	
• 2D Materials	p10
• Journal of Physics D: Applied Physics	p43
• Materials Research Express	p50
• Nanotechnology	p55

Volume	4
Frequency	4
Online ISSN	2053-1591
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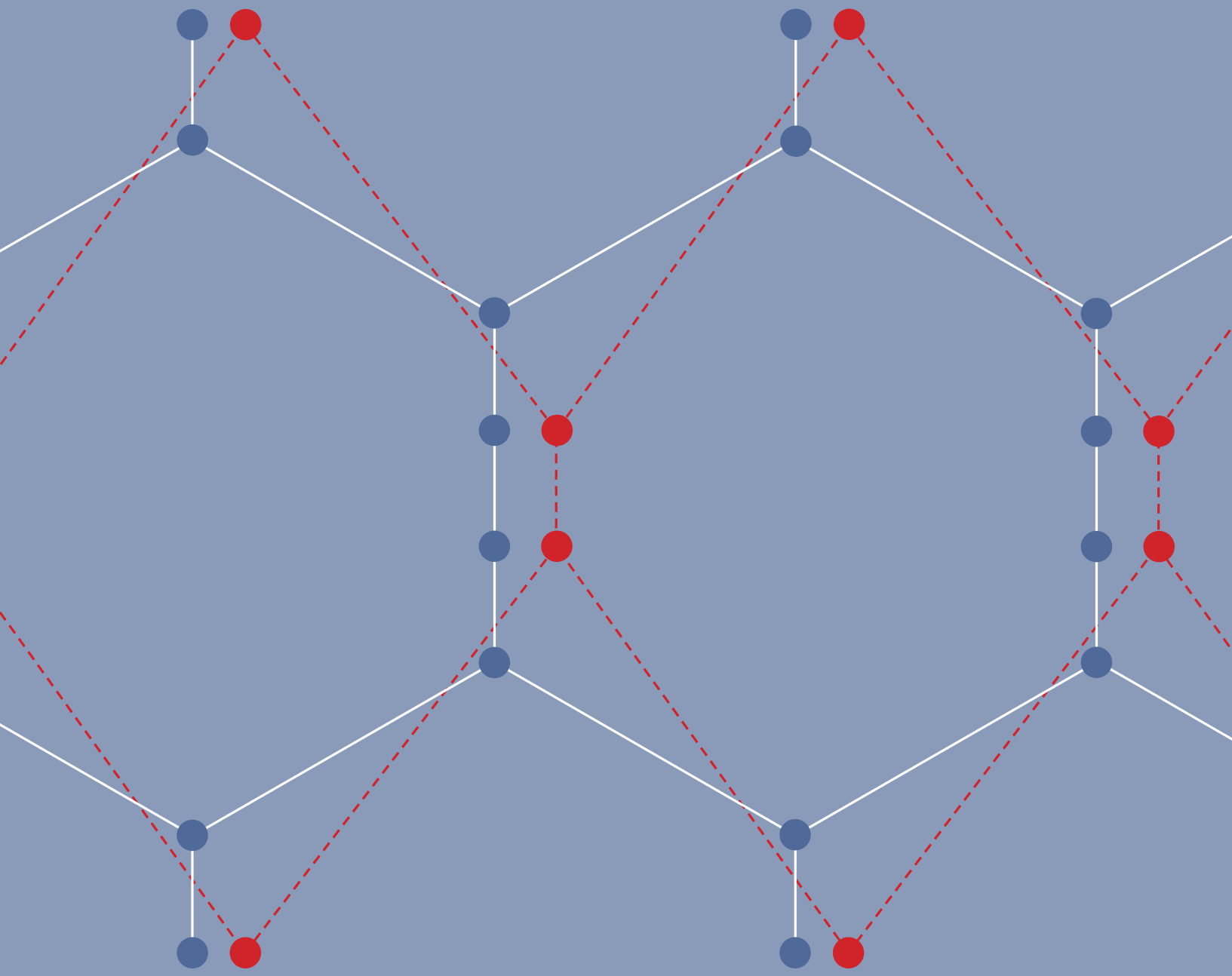
An artistic interpretation of a topological Kondo lattice inspired by figure 1 in the article "Colossal magnetoresistance in topological Kondo insulator" **Igor O Slieptsov and Igor N Karnaukhov** *J. Stat. Mech.* (2016) 043104. *Journal of Statistical Mechanics: Theory and Experiment* is published in partnership with IOP Publishing and the International School of Advanced Studies (SISSA).



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