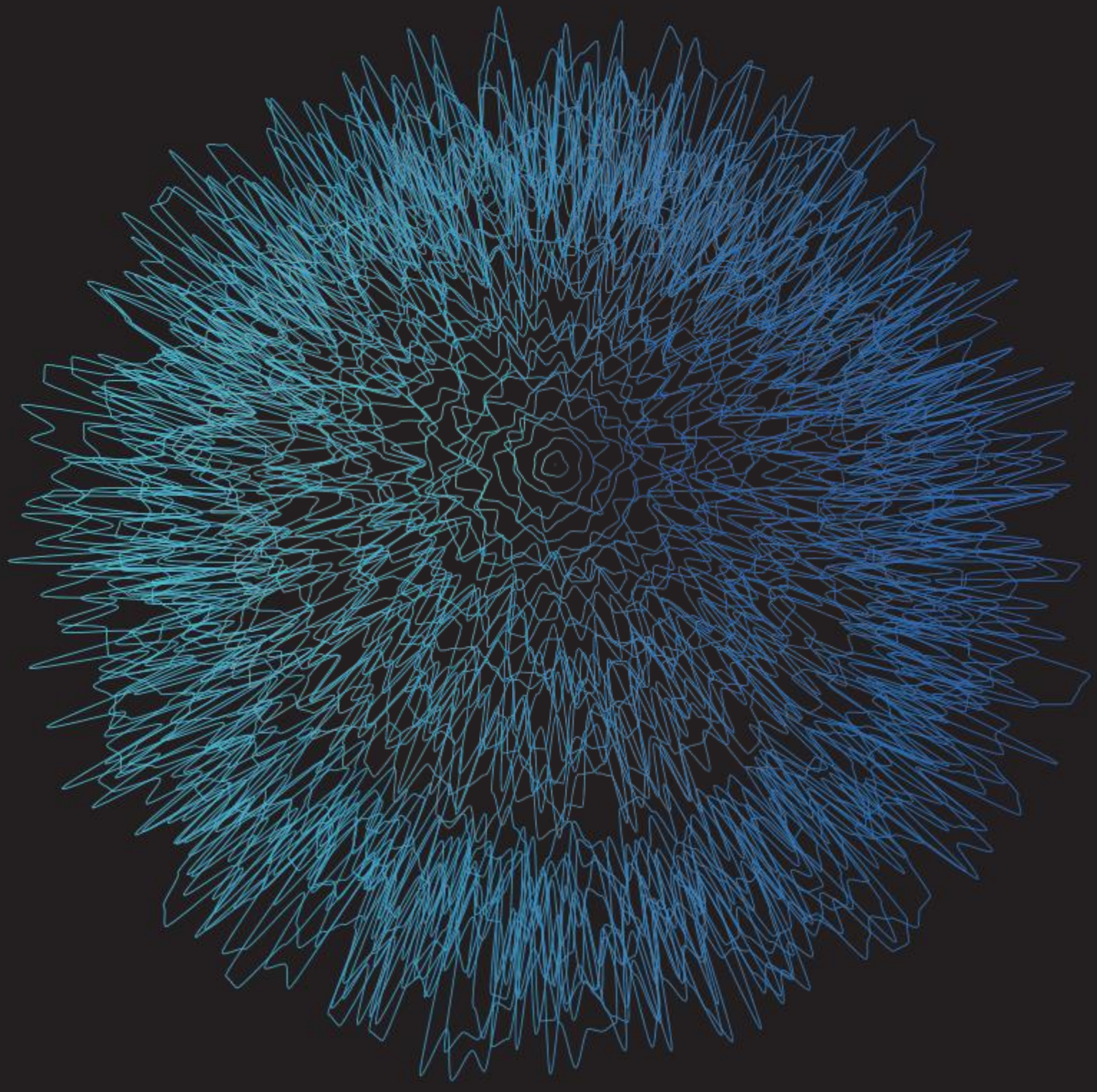
IOP Publishing

Product Catalogue

ioppublishing.org



About IOP Publishing

We are a society-owned scientific publisher, delivering impact, recognition and value to the scientific community.

Our mission is to expand the world of physics, offering a portfolio ofjournals, ebooks, conference proceedings and science news resources with a focus on physics, materials science, biosciences, astronomy and astrophysics, environmental sciences, mathematics, and education.

As a wholly owned subsidiary of the Institute of Physics (IOP), a not-for-profit society, we support IOP's work to inspire people to develop their knowledge, understanding and enjoyment of physics.

Journals by subject area

Our journals, ebooks, conference proceedings and science journalism reflect the changing nature of scientific research. Explore our portfolio below, where you will find titles covering physics, materials science, biosciences, astronomy and astrophysics, environmental sciences, mathematics, and interdisciplinary sciences, including education.

Physics

Materials

Biosciences

Environmental sciences

Astronomy and astrophysics

New open access journals

Expanding the *Environmental Research* journal series

IOP Publishing's expanding *Environmental Research* series offers an evolving suite of fully open access titles covering the most critical areas of environmental science and sustainability.

2022 will see the addition of three new interdisciplinary titles extending the series to six open access journals providing a range of universally accessible publishing options that combine outstanding levels of author service, inclusive editorial policies, strict quality assurance and open science principles at their core.

Environmental Research: Climate

Designed to address important challenges concerning the physical science and assessment of climate systems and global change in a way that bridges efforts relating to impact, resilience, mitigation, adaptation and long term solutions.

Environmental Research: Health

Devoted to addressing important global challenges at the interface of the environment and public health in a way that bridges scientific progress and assessment with efforts relating to impact/future risks, resilience, mitigation, adaptation, security and long term solutions.

Environmental Research: Ecology

Publishing at the interface of environmental science, large scale ecology, biodiversity and conservation in a way that bridges scientific progress and assessment with efforts relating to impacts of global change, resilience, mitigation and adaptation.

New journals in collaboration with other organisations

The Electrochemistry Society

In a further development of our existing partnership with the Electrochemistry Society (ECS), 2022 will see the addition of two new open access titles to their expanding family ofjournals.

ECS Sensors Plus

Providing a specialized open access outlet for all content related to materials, structures, properties, performance, and characterization of sensing and detection devices and systems.

ECS Advances

An open access platform for research across all areas of electrochemical and solid-state science and technology research, with the broadest dissemination of all journals in the field of electrochemistry.

Songshan Lake Materials Laboratory and Institute of Physics, Chinese Academy of Sciences

Co-published with the Songshan Lake Materials Laboratory (SLAB), in affiliation with the Institute of Physics, Chinese Academy of Science, we are pleased to introduce a new open access journal covering all areas of basic and applied materials science and technology.

Materials Futures

An open access journal covering all areas of basic and applied materials science and technology, ranging from metals and ceramics to energy materials, quantum materials and biomaterials.

ECS Digital Archives

Available for the first time in partnership with IOP Publishing

The Digital Archives of The Electrochemical Society provide access to more than 146,000 research articles dating back to 1930, and include the most highly cited journals in electrochemistry and solid-state science and technology. Flagship journals and retired publications are seamlessly integrated with current content in the *IOPscience* platform.

Discover research by Nobel laureates, including Isamu Akasaki and Hiroshi Amano for the invention of efficient blue LEDs and Jack Kilby for the invention of the integrated circuit. Explore the origins of the semiconductor industry through landmark research and interviews by Gordon Moore.

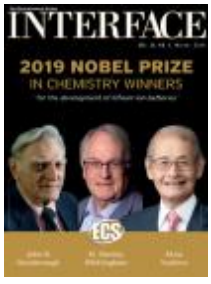
Key details:

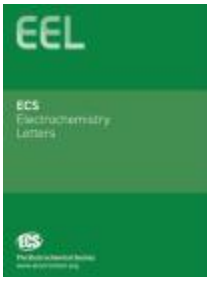
- Spanning 1930–2019
- Nine journals, 146,000+ articles
- Clear more than 3800 issues from your library shelves
- Full technical integration
- No maintenance fees
- Flexible purchase options available

Journal of The Electrochemical Society
1930–2020
46,120 articles

Journal of Solid State Science and Technology
2012–2020
2165 articles

ECS Transactions
2006–2020
20,317 articles





Just some of the Nobel laureates featured in the ECS Digital Archives

1986 Nobel Prize in Physics
Gerd Binnig

1987 Nobel Prize in Chemistry
Jean-Marie Lehn

1992 Nobel Prize in Chemistry
Rudolph A Marcus

1996 Nobel Prize in Chemistry
Richard Smalley

1997 Nobel Prize in Physics
William D Phillips and Stephen Chu

2000 Nobel Prize in Physics
Jack Kilby

2014 Nobel Prize in Physics
Isamu Akasaki, Hiroshi Amano and Shuji Nakamura

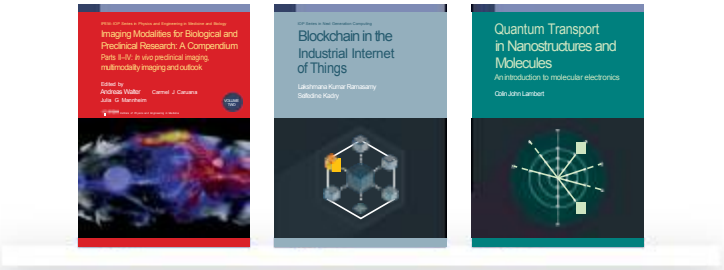
2019 Nobel Prize in Chemistry
John B Goodenough, M Stanley Whittingham and Akira Yoshino

The Electrochemical Society
Advancing solid state & electrochemical science & technology

IOP | ebooks™

NEW Evidence-based acquisition now available

IOP ebooks is the essential collection of books developed by a society publisher for the scientific community. We give our authors' voices more prominence through innovative publishing techniques to advance knowledge across multiple key subject areas, while empowering libraries to take control of the content that they purchase through a range of acquisition options that will best serve the needs of their users.



Research and reference texts

Valuable topic overviews that provide a way into the primary literature via extensive references. They include monographs, handbooks and edited collections.

Course texts

For advanced undergraduate and graduate-level students, our course texts include a range of features such as reader exercises and interactive Q&A content for an enriched learning experience. Course texts are included in all collections as standard.

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Leading voices

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Daniel Erenso
Middle Tennessee State University, Murfreesboro, Tennessee, USA

Natalia Ivanova
University of Alberta, Edmonton, Alberta, Canada

Colin Lambert
Lancaster University, Lancaster, UK

Joel Jean
Swift Solar Inc., San Carlos, CA, USA

Broad subject coverage

With books covering 16 subject areas across the physical sciences, you can be assured that there is something for everyone at your library.

- Astronomy and astrophysics
- Atomic and molecular physics
- Biomedical engineering
- Classical physics
- Condensed matter
- Culture, history and society
- Education and outreach
- Environment and energy
- Instrumentation and measurement
- Materials
- Mathematics and computation
- Medical physics and biophysics
- Optics and photonics
- Particle and nuclear physics
- Plasmas
- Quantum science

Expert partners

We partner with world-leading scientific societies who are at the forefront of their fields of expertise and know the needs of their communities to publish highly relevant books.

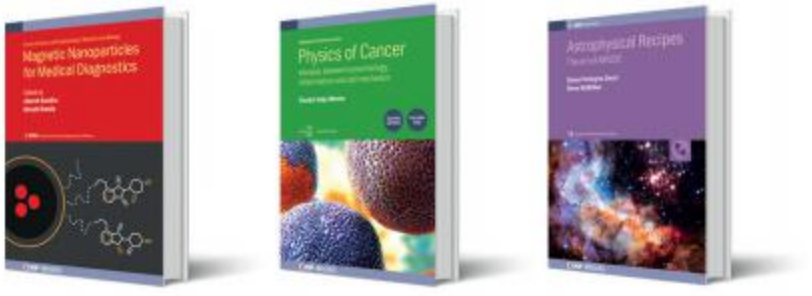
AAS American Astronomical Society | IPEM Institute of Physics and Engineering in Medicine | Biophysical Society

Library benefits

- Budget management: Purchasing options that support broad access provision and building bespoke library collections
- Value: Perpetual acquisition of your titles whether you choose a one-time purchase or an evidence-based model
- Ease of use: All books are DRM free with no restrictions on use
- Discoverable: Smarter searching and optimal discovery through free MARC records and extensive indexing
- Relevant: On average, 64% of IOP ebooks are used at any institution within 12 months of purchase
- Accessible: High accessibility standards and compatibility with assistive technology
- myPrint: Give your library users the option to purchase heavily discounted print copies of the books in your collection

Reader benefits

- Convenient: Books can be accessed 24/7 on or off campus through our integrated journal and book platform
- Interactive: An elevated reading experience through embedded videos, interactive features and downloadable software
- Accessible: Multiple formats available to support reading on all devices, as well as compatibility with screen readers, such as JAWS, NVDA and Apple's VoiceOver
- Compatible: Books are easily integrated into the virtual learning environment
- Flexible: Manage your reading list through individual chapter or whole-book downloads



For more information and a list of published and forthcoming titles, visit iopscience.org/books

Strengthening our commitment to open science

IOP Publishing's 'open physics' programme is about making science more accessible, transparent and inclusive

Open physics sets out our commitments to supporting open science across the physical sciences. It is rooted in our belief that conducting science more openly can accelerate scientific discovery. It combines an evolving programme of publications, activities and policies to promote and support openness in physical science through:

Access

- Offering authors the option of publishing physical science research openly in any IOP Publishing primary research journal
- Publishing all open access articles under a Creative Commons Attribution (CC BY) licence with the authors retaining ownership of copyright
- Seeking transformative agreements with any organisation wishing to make the outputs of its research fully open access
- Annually reviewing the suitability of flipping IOP Publishing subscription journals to full open access

Transparency

- Enabling research data and code associated with primary research articles to be publicly available and discoverable
- Encouraging reviewers and editorial boards to make reviewer reports associated with primary research articles publicly available and discoverable
- Providing clear information about our peer-review and editorial processes

Inclusivity

- Achieving parity of opportunity for any researcher to become an author, reviewer or editorial board member across our publications
- Supporting researchers based in lower-income economies to publish physical science openly in an IOP Publishing journal at a reduced or waived article publication charge (APC)
- Ensuring all IOP Publishing editorial staff receive training related to diversity, inclusion and unconscious bias

Open physics encompasses all the steps that we are taking to support open science practices in the communities that we serve. It is about increasing access to high-quality research and facilitating greater trust and integrity in science. It is also about reducing cultural and structural barriers to help foster diversity and encourage wider participation.

To find out more about our commitment to open physics, visit the hub ioppublishing.org/open-physics

Our journals

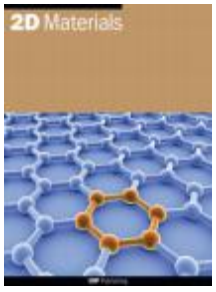
IOP Publishing's portfolio includes more than 100 journals, around half of which are published jointly with or on behalf of partner societies and research organisations.

Our publishing portfolio reflects the growth of scientific research and application in core scientific fields, while recognising the increasingly interdisciplinary nature of scientific research.

iopscience.org

2D Materials

iopscience.org/2dm



Volume	9
Frequency	4
Online ISSN	2053-1583
CODEN	DMATB7

Editor-in-chief

Wencai Ren, Shenyang National Laboratory for Materials Science, Chinese Academy of Sciences, China

Regional editor for North America

Joan Redwing, Pennsylvania State University, USA

Regional editor forAsia

Byung Hee 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, but are not limited to:

- graphene and graphene-derived materials (such as graphene oxides, graphene quantum dots)
- silicene and germanene/silicane and germanane
- boron nitride
- transition metal dichalcogenides
- 2D topological insulators

Online archive

2014–2021 available free with journal subscription

Journal metrics

3 DAYS
Median submission to first decision before peer review

32 DAYS
Median submission to first decision after peer review

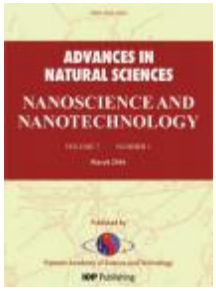
7.103
Impact factor

13.9
Citescore

ELECTRONIC ONLY

Advances in Natural Sciences: Nanoscience and Nanotechnology

iopscience.org/ansn



Volume	13
Frequency	4
Online ISSN	2043-6262
CODEN	ANSNCK

Editor-in-chief

Nguyen Quang Liem, Vietnam Academy of Science and Technology, Vietnam

Deputy editor-in-chief

Nguyen Bich Ha, Institute of Materials Science, Vietnam

Advances in Natural Sciences: Nanoscience and Nanotechnology (ANSN) produces quarterly issues of research covering all aspects of nanoscience and nanotechnology, including the fundamental physics, optics, photonics, chemistry, biology and technology of nanometre-scale materials and devices, for applications in quantum computation, smart lighting, energy generation and storage, sensors, healthcare, agricultural production, and environmental protection.

ANSN supports the international community, publishing research from around the world and acting as an information resource for its international readership – including primary researchers, industry professionals and undergraduate nanotechnology students.

Published using the gold open access model between 2010 and 2018, ANSN has been published on a subscription basis from 2019 onwards.

A corresponding print version is created for local use in Vietnam.

Online archive

2011–2022 available free with journal subscription

2010 available in the IOP Journal Archive

Partner

Vietnam Academy of Science and Technology

Journal metrics

5 DAYS
Median submission to first decision before peer review

25 DAYS
Median submission to first decision after peer review

4.8
Citescore

ELECTRONIC ONLY

Applied Physics Express

iopscience.org/apex

Volume	15
Frequency	12
Online ISSN	1882-0786
Print ISSN	1882-0778
CODEN	APEPC4

Chief executive editor
Hideki Hirayama, RIKEN, Japan

Editor-in-chief
Kouichi Ono, Kyoto University/Osaka University, Japan

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. The main focus of the Editorial Board is the 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
- physics-based circuits and systems
- 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

Online archive
2008–2022 available with journal subscription

Partner
The Japan Society of Applied Physics

Journal metrics

4 DAYS Median submission to first decision before peer review	13 DAYS Median submission to first decision after peer review	2.895 Impact factor

4.9 Citescore	ELECTRONIC ONLY

The Astronomical Journal

iopscience.org/aj

Volume	163– 164
Frequency	12
Online ISSN	1538-3881
CODEN	ANJOAA

Editor-in-chief
Ethan Vishniac, Johns Hopkins University, 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 the 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 the 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.

Online archive
All archival content is freely available

Partner
American Astronomical Society

Journal metrics

6.263 Impact factor	OPEN ACCESS	ELECTRONIC ONLY

The Astrophysical Journal

iopscience.org/apj

Volume	924-941
Frequency	36
Online ISSN	1538-4357
CODEN	ASJOAB

AAS Editor-in-chief
Ethan Vishniac, Johns Hopkins University, 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.

Online archive
All archival content is freely available

Partner
American Astronomical Society

Journal metrics
5.874
Impact factor

OPEN ACCESS

ELECTRONIC ONLY

The Astrophysical Journal Letters

iopscience.org/apjl

Volume	924-941
Frequency	36
Online ISSN	2041-8213
CODEN	AJLEEY

AAS Editor-in-chief
Ethan Vishniac, Johns Hopkins University, USA

Letters editor
F Rasio, Northwestern University, USA

The Astrophysical Journal Letters (ApJL) is an express scientific journal that allows astrophysicists to rapidly publish short notices of significant original research. ApJL articles are timely, high-impact and broadly understandable

Online archive
All archival content is freely available

Partner
American Astronomical Society

Journal metrics
7.413
Impact factor

OPEN ACCESS

ELECTRONIC ONLY

The Astrophysical Journal Supplement Series

iopscience.org/apjs

Volume	258-263
Frequency	12
Online ISSN	1538-4365
CODEN	APJSA2

AAS Editor-in-chief
Ethan Vishniac, Johns Hopkins University, USA

The Astrophysical Journal Supplement Series (ApJS) publishes significant articles containing extensive data or calculations. ApJS also supports Special Issues, collections of thematically related papers published simultaneously in a single volume.

Online archive
All archival content is freely available

Partner
American Astronomical Society

Journal metrics

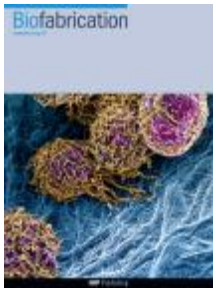
8.136
Impact factor

OPEN ACCESS

ELECTRONIC ONLY

Biofabrication

iopscience.org/bf



Volume	14
Frequency	4
Online ISSN	1758-5090
CODEN	BIOFFN

Editor-in-chief
Wei Sun, Drexel University, USA, and Tsinghua University, China

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

BF publishes research on the use of cells, proteins, biological materials and biomaterials as building blocks to manufacture biological systems and/or therapeutic products. It is the leading journal in bioprinting and 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 microfluidic devices
- cell/tissue/organ-on-a-chip
- novel 3D tissue scaffold fabrication
- modelling of the biofabrication processes and biofabricated constructs
- protein/biomolecules printing, patterning and assembly
- integrated bio- and micro/nano-fabrication

Online archive
2011–2021 available free with journal subscription
2009–2010 available in the IOP Journal Archive

Partner
International Society for Biofabrication

Journal metrics

8 DAYS
Median submission to first decision before peer review

55 DAYS
Median submission to first decision after peer review

9.954
Impact factor

13.9
Citescore

ELECTRONIC ONLY

Bioinspiration & Biomimetics

iopscience.org/bb

Volume	17
Frequency	6
Online ISSN	1748-3190
CODEN	BBIICI

Editor-in-chief

Cecilia Laschi, National University of Singapore, Singapore

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:

- bioinspired robotics
- systems, designs and structure
- communication and navigation
- cooperative 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
- cellular behaviour
- sensors and senses
- biomimetic or bioinformed approaches to geological exploration

Online archive

2011–2021 available free with journal subscription

2006–2010 available in the IOP Journal Archive

Journal metrics

5 DAYS
Median submission to first decision before peer review

41 DAYS
Median submission to first decision after peer review

2.956
Impact factor

6.3
Citescore

ELECTRONIC ONLY

Biomedical Materials

iopscience.org/bmm

Volume	17
Frequency	6
Online ISSN	1748-605X
CODEN	BMBUCS

Editor-in-chief

Jianwu Dai, Center for Regenerative Medicine and Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China

Biomedical Materials™ (BMM) publishes articles on advances in biomaterials that contribute to the research community's knowledge of the composition, properties and performance of materials for all applications relevant to human healthcare.

With a diverse readership drawn from the biomedical and tissue engineering, materials and biomaterials, biochemistry, pharmacology, and medicine communities, 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
- clinical applications of biomedical materials for cell therapies in disease
- nanomedicine, nanotoxicology and nanopathology
- pharmacokinetic considerations in drug delivery systems
- translational and regulatory matters

Online archive

2011–2021 available free with journal subscription

2006–2010 available in the IOP Journal Archive

Journal metrics

8 DAYS
Median submission to first decision before peer review

52 DAYS
Median submission to first decision after peer review

3.715
Impact factor

5.7
Citescore

ELECTRONIC ONLY

Biomedical Physics & Engineering Express

iopscience.org/bpex

Volume	8
Frequency	6
Online ISSN	2057-1976
CODEN	BPEEAE

Editor-in-chief

Robert Jeraj, University of Wisconsin, USA

Executive Editorial Board

- María-Ester Brandan, National Autonomous University of Mexico, Mexico
- Philip Langley, University of Hull, UK
- Thorsten Wohland, National University of Singapore, Singapore

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 complementary scientific areas at the intersection of physics, engineering, medicine and biology. All areas of biomedical engineering, biophysics and medical physics are covered, with a special emphasis on the interdisciplinary work within these areas to help promote crossover research.

Online archive

2015–2021 available free with journal subscription

Endorsed by

Institute of Physics and Engineering in Medicine (IPEM)

Journal metrics

6 DAYS	44 DAYS	1.9
Median submission to first decision before peer review	Median submission to first decision after peer review	Citescore

ELECTRONIC ONLY

Chinese Physics B

iopscience.org/cpb

Volume	31
Frequency	12
Online ISSN	2058-3834
Print ISSN	1674-1056
CODEN	CPBHAJ

Editor-in-chief

HJ Gao, Chinese Academy of Sciences, 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, with the exception of nuclear physics and the physics of elementary particles and fields, 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, mechanics and engineering.

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

- condensed matter and materials physics
- atomic, molecular and optical physics
- statistical, nonlinear and soft-matter physics
- plasma physics
- interdisciplinary physics

Online archive

2011–2021 available free with journal subscription

1992–2010 available in the IOP Journal Archive

Partners

Chinese Physical Society

Institute of Physics, Chinese Academy of Sciences

Journal metrics

33 DAYS	1.494	2.3
Median time to first decision	Impact factor	Citescore

30th ANNIVERSARY

Chinese Physics C

iopscience.org/cpc

Volume	46
Frequency	12
Online ISSN	2058-6132
Print ISSN	1674-1137
CODEN	CPCHCQ

Editor-in-chief

YF Wang, Institute of High-Energy Physics, Chinese Academy of Sciences, China

Chinese Physics C (CPC) was founded in 1977 and covers theory, experiments and applications in the fields of particle physics, nuclear physics, astrophysics and cosmology.

The journal publishes the latest developments and achievements in the theory, experiment and applications of:

particle physics
nuclear physics
particle and nuclear astrophysics
cosmology

The journal publishes original research papers, letters and reviews. The letters section covers short reports on the latest important scientific results, published as quickly as possible. Such breakthrough research articles have very high priority for publication. High-quality research papers and rapid communications published in CPC, such as the latest Atomic Mass Evaluation, make it a key resource for researchers in high-energy and nuclear physics.

Online archive

2011–2021 available free with journal subscription

2008–2010 available in the IOP Journal Archive

Partners

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

Journal metrics

24 DAYS	2.145	4.9
Median time to first decision	Impact factor	Citescore

Chinese Physics Letters

iopscience.org/cpl

Volume	39
Frequency	12
Online ISSN	1741-3540
Print ISSN	0256-307X
CODEN	CPLEEU

Editor-in-chief

Tao Xiang, Institute of Physics, Chinese Academy of Sciences, 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 as the flagship letter journal of the Chinese Physical Society.

The journal publishes Express Letters, dedicated to the rapid publication and dissemination of the latest novel and significant research from leading Chinese physicists.

Online archive

2011–2021 available free with journal subscription

1984–2010 available in the IOP Journal Archive

Partners

Chinese Physical Society

Institute of Physics, Chinese Academy of Sciences

Journal metrics

28 DAYS	1.483	2.3
Median time to first decision	Impact factor	Citescore

Classical and Quantum Gravity

iopscience.org/cqg

Volume	39
Frequency	24
Online ISSN	1361-6382
Print ISSN	0264-9381
CODEN	CQGRDG

Editor-in-chief

Gabriela González, Louisiana State University, 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
- applications of relativity
- experimental gravitation, including gravitational waves
- cosmology and the early universe
- quantum gravity
- supergravity, superstrings and supersymmetry
- mathematical physics

In addition to regular research papers, CQG also publishes Topical Reviews and solicits articles for 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. Additionally, CQG welcomes a variety of other article types including Letters, Comments, Brief Reviews and Notes.

Online archive

2011–2021 available free with journal subscription

1984–2010 available in the IOP Journal Archive

Journal metrics

5 DAYS
Median submission to first decision before peer review

51 DAYS
Median submission to first decision after peer review

3.528
Impact factor

6.2
Citescore

Communications in Theoretical Physics

iopscience.org/ctp

Volume	74
Frequency	12
Online ISSN	1572-9494
Print ISSN	0253-6102
CODEN	CTPHDI

Chief editor

CP Sun, Graduate School of China Academy of Engineering Physics & Beijing Computational Science Research Center, China

Communications in Theoretical Physics (CTP) reports new developments in theoretical physics, including:

- mathematical physics
- quantum physics and quantum information
- particle physics and quantum field theory
- nuclear physics
- gravitation theory, astrophysics and cosmology
- atomic, molecular, optical and plasma physics, chemical physics
- statistical physics, soft matter and biophysics
- condensed matter theory

Interdisciplinary areas such as biophysics, mathematical physics and computational physics are also covered by CTP.

In addition to original research articles, letters, research notes and rapid communications, CTP also publishes review articles. All article submissions, peer review and production – from acceptance to publication – are supported by the Institute of Theoretical Physics, Chinese Academy of Sciences.

Online archive

2011–2021 available free with journal subscription

1982–2010 available in the IOP Journal Archive

Partners

Chinese Physical Society

Institute of Theoretical Physics, Chinese Academy of Sciences

Journal metrics

21 DAYS
Median time to first decision

1.968
Impact factor

2.9
Citescore

40th ANNIVERSARY

ECS Advances

iopscience.org/ecsa

Volume	1
Frequency	4
Online ISSN	2754-2734
CODEN	EACDAV

Editors-in-chief

Robert Savinell, Case Western Reserve University, USA
Krishnan Rajeshwar, The University of Texas at Arlington, USA

ECS Advances is a gold open access journal covering all technical areas supported by The Electrochemical Society (ECS).

The overall scope of *ECS Advances* will conform to the technical interest areas established by ECS:

- batteries and energy storage
- carbon nanostructures and devices
- corrosion science and technology
- dielectric science and materials
- electrochemical engineering
- electrochemical/electroless deposition
- electronic and photonic devices and systems
- electronic materials and processing
- fuel cells, electrolyzers, and energy conversion
- luminescence and display materials, devices, and processing
- organic and bioelectrochemistry
- physical and analytical electrochemistry, electrocatalysis, and photoelectrochemistry
- sensors

ECS Advances welcomes submissions of the following article types:

- Research Articles
- Communication Articles
- Review Articles
- CRES3T Articles
- Perspective Articles

Partner

The Electrochemical Society

Journal metrics

NEW LAUNCH OPEN ACCESS ELECTRONIC ONLY

ECS Journal of Solid State Science and Technology

iopscience.org/jss

Volume	11
Frequency	12
Online ISSN	2162-8777
CODEN	EJSSBG

Editor-in-chief

Krishnan Rajeshwar, University of Texas at Arlington, USA

ECS Journal ofSolid State Science and Technology (JSS) was launched in 2012, and is published by IOP Publishing on behalf of The Electrochemical Society. The journal publishes outstanding research covering fundamental and applied areas of solid state science and technology, including experimental and theoretical aspects of the chemistry and physics of materials and devices.

JSS has five topical interest areas:

- carbon nanostructures and devices
- dielectric science and materials
- electronic materials and processing
- electronic and photonic devices and systems
- luminescence and display materials, devices and processing

Online archive

While a subscription is current, a subscribing institution will have access to all of the available backfile as well as content from the current subscription year

Partner

The Electrochemical Society

Journal metrics

3 DAYS Median submission to first decision before peer review	22 DAYS Median submission to first decision after peer review	2.070 Impact factor
3.7 Citescore	ELECTRONIC ONLY	

ECS Sensors Plus

iopscience.org/ecssp

Volume	1
Frequency	4
Online ISSN	2754-2726
CODEN	ESPCCH

Editor-in-chief

Ajit Khosla, Yamagata University, Japan

ECS Sensors Plus is a gold open access journal covering a wide range of fundamental and applied aspects of various sensors.

ECS Sensors Plus has the following topical interest areas:

- 3D/4D printed sensors, sensor systems and actuators
- affinity sensors – nucleic acids, antibodies, oher
- AI-enabled sensors
- bio/health and point-of-care sensors
- biocatalytic sensors – enzymes, biomolecule-based catalytic conversion, other
- cell sensors and imaging
- energy harvesting and storage for sensors
- integrated sensor systems
- intelligent sensors for smart cities and remote communities
- microfluidic devices
- micro-nano sensor systems
- novel sensing materials
- novel sensing mechanisms – CRISPR, gene circuits, other
- novel sensor fabrication techniques
- point-of-need sensors
- power and data transmission for sensors
- quantum sensors

ECS Sensors Plus welcomes submissions of the following article types:

- Research Articles
- Communication Articles
- Review Articles
- CRES3T Articles
- Perspective Articles

Partner

The Electrochemical Society

Journal metrics

NEW LAUNCH | OPEN ACCESS | ELECTRONIC ONLY

Electronic Structure

iopscience.org/est

Volume	4
Frequency	4
Online ISSN	2516-1075
CODEN	ESLTAC

Editors-in-chief

Risto Nieminen, Aalto University, Finland

Bert de Jong, Lawrence Berkeley National Laboratory, USA

Electronic Structure™ (EST) is a multidisciplinary journal covering all theoretical and experimental aspects of electronic structure research, including the development of new methods. EST is the first journal dedicated to serving the entire electronic structure community, spanning materials science, physics, chemistry and biology. EST publishes papers using any theoretical or experimental techniques to study any aspect of electronic structure.

As well as original research papers, EST offers authoritative topical reviews, invited focus collections and technical notes. Technical notes must demonstrate a new computational or experimental methodology, or an improvement to existing methods, with proof of application.

Online archive

2019–2021 available free with journal subscription

Journal metrics

3 DAYS
Median submission to first decision before peer review

35 DAYS
Median submission to first decision after peer review

ELECTRONIC ONLY

Engineering Research Express

iopscience.org/erx

Volume	4
Frequency	4
Online ISSN	2631-8695
CODEN	ERENBL

Editor-in-chief

Jingyan Dong, North Carolina State University, USA

Engineering Research Express™ (ERX) is a broad, multidisciplinary journal devoted to publishing new experimental and theoretical research covering topics extending across all areas of engineering science including interdisciplinary fields. The journal is committed to fast review and operates a transparent editorial selection and feedback process focused on the scientific rigour of the work, rather than its perceived impact or novelty. The journal is characterized by article-length flexibility and a fast-track peer-review process.

Topics of particular interest include:

electrical engineering – including control engineering, quantum engineering, electronic engineering, optical engineering, power engineering, robotics and semiconductor engineering

mechanical engineering – including aeronautical engineering, automotive engineering, materials engineering and vacuum engineering

civil engineering – including environmental engineering, hydraulic engineering, ocean and geographical engineering, and structural engineering

chemical engineering – including bioengineering, food science, chemical synthesis and refining, and microfabrication

Online archive

2019–2021 freely available at iopscience.org/erx

Journal metrics

ELECTRONIC ONLY

Environmental Research: Climate

iopscience.org/ercl

Volume	1
Frequency	4
Online ISSN	2752-5295
CODEN	ERCNDD

Editor-in-chief

Noah Diffenbaugh, Stanford University, USA

Environmental Research: Climate™ (ERCL) is a multidisciplinary, open access journal devoted to addressing important challenges concerning the physical science and assessment of climate systems and global change in a way that bridges efforts relating to impact/future risks, resilience, mitigation, adaptation, security and solutions in the broadest sense. All research methodologies are encouraged, comprehensively covering qualitative, quantitative, experimental, theoretical and applied approaches.

Particular topics of interest include (but are not limited to):

physical and biogeochemical processes relating to all climate systems

computation and modelling of dynamic climate systems

impact assessments of climate and global change relating to health, energy, biodiversity, infrastructure, natural resources, ecosystems, agriculture, land, oceans, the atmosphere and food

natural hazards and disasters relating to climate and global change

climate and global change relating to economic, social and political systems

climate and global change relating to resource management, infrastructure and sustainable development

climate and global change relating to resilience and security

mitigation and adaptation in relation to climate and global change

development of monitoring tools for climate systems

engineering and technological solutions for climate change

big data and AI relating to climate change

Journal metrics

NEW LAUNCH OPEN ACCESS ELECTRONIC ONLY

Environmental Research Communications

iopscience.org/erc

Volume	4
Frequency	12
Online ISSN	2515-7620
CODEN	ERCNCC

Environmental Research Communications™ (ERC) is an open access journal for the publication of high-quality research in all areas of environmental science.

The journal does not make a subjective assessment on the potential future significance of a paper. Instead, it provides a rapid platform for communicating research that meets high standards of scientific rigour and contributes to the development of our knowledge of the environment.

All environment-related research is in scope, including interdisciplinary and multidisciplinary studies. All types of results can be published, provided they contribute to advancing knowledge in their field, including incremental studies, negative results, null results, case studies, local research and replication studies.

Online archive

2019–2021 freely available at iopscience.org/erc

Journal metrics

2 DAYS	51 DAYS	2.104
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

OPEN ACCESS ELECTRONIC ONLY

Environmental Research: Ecology

iopscience.org/ere

Volume	1
Frequency	4
Online ISSN	2752-664X
CODEN	ERENCM

Environmental Research: Ecology™ (ERE) is a multidisciplinary, open access journal devoted to addressing important global challenges at the interface of environmental science, large scale ecology, biodiversity and conservation in a way that bridges scientific progress and assessment with efforts relating to impacts of global change, resilience, mitigation and adaptation in the broadest sense.

A specific goal of the journal is to provide a forum to promote dialogue between environmental scientists, ecologists, resource managers and policy makers. All research methodologies are encouraged, comprehensively covering qualitative, quantitative, experimental, theoretical and applied approaches to the field.

Particular topics of interest include (but are not limited to):

- applied ecology and the management of biological resources (including wildlife and habitat management, land use and management, aquatic resources, restoration ecology)
- theoretical ecology and modelling
- biodiversity and species abundance
- conservation (including planning and risk assessment)
- animal ecology
- microbial ecology
- evolution ecology
- chemical and molecular ecology
- marine ecology
- behavioural ecology
- remote sensing and ecology
- ecosystems and biospheres as complex adaptive systems
- tools and computational methods to study ecological systems (including ai, informatics and big data)
- ecology and society

Journal metrics

NEW LAUNCH OPEN ACCESS ELECTRONIC ONLY

Environmental Research: Health

iopscience.org/erh

Volume	1
Frequency	4
Online ISSN	2752-5309
CODEN	ERHNAZ

Editor-in-chief
Michelle Bell, Yale University, USA

Environmental Research: Health™ (ERH) is a multidisciplinary, open access journal devoted to addressing important global challenges at the interface of the environment and public health in a way that bridges scientific progress and assessment with efforts relating to impact/future risks, resilience, mitigation, adaptation, security and solutions in the broadest sense. All research methodologies are encouraged, comprehensively covering qualitative, quantitative, experimental, theoretical and applied approaches.

Particular topics of interest include (but are not limited to):

- Physical, chemical and environmental factors directly associated with public health
- environmental epidemiology
- environmental chemistry, microbiology and toxicology
- environmental and occupational health
- health and the natural environment (e.g., greenspace, vegetation, urban parks)
- health and the built environment
- climate change and health
- infectious disease prevention and control
- computation and modelling of infectious diseases;
- food safety and control
- water quality and disease
- air quality and disease
- hazardous materials and toxic substances management;
- public health infrastructure
- public health impact assessment, systems management, mitigation and adaptation
- tools and methods to assess the health impacts of environmental conditions, such as air, water and soil quality and pollution
- emerging areas that examine the relationship between the environment and public health

Journal metrics

NEW LAUNCH OPEN ACCESS ELECTRONIC ONLY

Environmental Research: Infrastructure and Sustainability

iopscience.org/eris

Volume	2
Frequency	4
Online ISSN	2634-4505
CODEN	ERISAL

Editor-in-chief
Arpad Horvath, University of California, Berkeley, USA

Environmental Research: Infrastructure and Sustainability™ (ERIS) is a multidisciplinary, open access journal that addresses important challenges relevant to infrastructure, sustainability and resilience in their broadest sense. Encompassing environmental, economic and social factors, all research methodologies are encouraged, covering qualitative, quantitative, experimental, theoretical and applied approaches to the field.

Bringing together communities extending across environmental research, engineering, the social sciences and humanities as well as policy influencers (within academia, government, industry and the civic sphere) the journal covers infrastructure from broad and inclusive perspectives at global, regional, national and local scales, including current and emerging issues to wherever humanity's influence extends, from single products to networked systems.

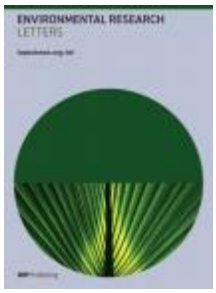
Online archive
2021 freely available to all at iopscience.org/eris

Journal metrics

OPEN ACCESS ELECTRONIC ONLY

Environmental Research Letters

iopscience.org/erl



Volume	17
Frequency	12
Online ISSN	1748-9326
CODEN	ERLNAL

Editor-in-chief
D M Kammen, University of California, Berkeley, 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.

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

- biodiversity and conservation
- biogeochemical cycles
- climate
- energy
- environmental health, risk assessment, pollution
- natural resources, ecosystem services, water, food
- sustainability, green technology

Online archive
2006–2021 freely available at erl.iop.org

Journal metrics

4 DAYS Median submission to first decision before peer review	51 DAYS Median submission to first decision after peer review	6.793 Impact factor

8.6 Citescore	OPEN ACCESS	ELECTRONIC ONLY

EPL

www.epljournal.org

Volume	137–140
Frequency	24
Online ISSN	1286-4854
CODEN	EPLAC4

Editor-in-chief
Gonzalo Muga,UPV/EHU, Spain

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*.

A Letters journal serving all areas of physics and its related fields, EPL publishes the highest quality research from around the world, and provides authors with fast, fair and constructive peer review thanks to an Editorial Board of active scientists, who are experts in their respective fields.

Over 24 online issues per year, EPL publications are focused on novel, scientifically significant, developing areas of science. This is exemplified by the journal's series of Focus Issues, which have included Self-assemblies of Inorganic and Organic Nanomaterials, Evolutionary Modeling and Experimental Evolution, and Quantum Engineering.

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).

Online archive
2011–2021 available free with journal subscription
1986–2010 available in the IOP Journal Archive

Partners
European Physical Society
EDP Sciences
Società Italiana di Fisica

Journal metrics

1.947 Impact factor	3.4 Citescore	ELECTRONIC ONLY

European Journal of Physics

iopscience.org/ejp

Volume	43
Frequency	6
Online ISSN	1361-6404
Print ISSN	0143-0807
CODEN	EJPHD4

Editor-in-chief

M Čepič, University of Ljubljana, Slovenia

With a worldwide readership and authors from every continent, *European Journal ofPhysics* (EJP) is a truly international journal dedicated to maintaining and improving the standard of taught physics in universities and other higher education institutes.

Examples of the wide-ranging EJP content include; original physics education research and examples of how this research can inform the teaching and learning of physics at university level; original insights into the derivation of results; descriptions of novel laboratory exercises; descriptions of successful and original student projects (whether experimental, theoretical or computational); reviews of contemporary physics at a level accessible to physics students and teachers.

EJP is a place for teachers, instructors and professors to share their experiences and views on teaching physics at university level. 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 colleges and universities, companies with an education programme, government-funded bodies and government-funding departments.

Online archive

2011–2021 available free with journal subscription

1980–2010 available in the IOP Journal Archive

Partner

European Physical Society

Journal metrics

6 DAYS
Median submission to first decision before peer review

51 DAYS
Median submission to first decision after peer review

0.781
Impact factor

1.7
Citescore

Flexible and Printed Electronics

iopscience.org/fpe

Volume	7
Frequency	4
Online ISSN	2058-8585
CODEN	FPELAB

Editor-in-chief

Tricia Breen Carmichael, University of Windsor, Canada

Launched in 2015, *Flexible and Printed Electronics*™ (FPE) is a multidisciplinary journal devoted to publishing cutting-edge research across all aspects of printed, plastic, flexible, stretchable and conformable electronics.

Uniquely bridging fundamental science and novel applications, the scope and characteristics of FPE have been shaped to meet the demands of researchers based in both academia and industry, working across this rapidly developing field. 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 publishes timely research articles of the highest scientific quality, on the following subjects:

- 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

Online archive

2016–2021 available free with journal subscription

Journal metrics

2 DAYS
Median submission to first decision before peer review

44 DAYS
Median submission to first decision after peer review

3.588
Impact factor

5.5
Citescore

ELECTRONIC ONLY

Fluid Dynamics Research

iopscience.org/fdr

Volume	54
Frequency	6
Online ISSN	1873-7005
CODEN	FDRSEH

Editor-in-chief
Yasuhide Fukumoto, Kyushu University, Japan

Fluid Dynamics Research (FDR) is an international journal covering all areas of fluid dynamics, including: aerodynamics, nanofluids, 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. FDR is published on behalf of The Japan Society of Fluid Mechanics.

Online archive
2011–2022 available free with journal subscription
1986–2010 available in the IOP Journal Archive

Partner
The Japan Society of Fluid Mechanics

Journal metrics

21 DAYS Median submission to first decision before peer review	93 DAYS Median submission to first decision after peer review	1.067 Impact factor
2.1 Citescore	ELECTRONIC ONLY	

Functional Composites and Structures

iopscience.org/fcs

Volume	4
Frequency	4
Online ISSN	2631-6331
CODEN	FCSUAH

Editor-in-chief
Woong-Ryeol Yu, Seoul National University, Korea

Functional Composites and Structures (FCS) is an international journal co-owned by the Korean Society for Composite Materials (KSCM) and IOP Publishing.

Functional composites and structures are essential to the creation of next-generation technologies and cultures in the fourth industrial revolution. Advances in this area will promote human welfare by overcoming global energy and environmental crises and climate change. In addition, new knowledge in this field will facilitate innovative advancements in living necessities, mobile devices, sporting goods, transportation (land, marine and aerospace), energy and environmental applications, and will aid in the creation of a variety of new competitive industries.

This journal supports the development of these important fields and provides authors with a home for the functional aspects of composite materials research.

Online archive
2019–2022 freely available at iopscience.org/fcs

Co-owned by
Korean Society for Composite Materials
IOP Publishing

Journal metrics

1 DAY Median submission to first decision before peer review	20 DAYS Median submission to first decision after peer review	2.1 Citescore
ELECTRONIC ONLY		

International Journal of Extreme Manufacturing

iopscience.org/ijem

Volume	4
Frequency	4
Online ISSN	2631-7990
CODEN	IJEMKF

Editors-in-chief

Dongming Guo, Dalian University of Technology, China

Yongfeng Lu, University of Nebraska-Lincoln, USA

The *International Journal of Extreme Manufacturing* is a multidisciplinary journal uniquely covering the areas related to extreme manufacturing. Extreme manufacturing is specifically manifested in manufacturing with extremely high-energy density, ultrahigh precision, extremely small spatial and temporal scales, extremely intensive fields, and giant systems with extreme complexity and number of factors.

The journal is devoted to publishing original research of the highest quality and impact in the area, ranging from fundamentals to process, metrology, conditions, environments and system integration. Topics of interest include (but are not limited to):

- material interactions with energy beams and fields
- approaches and theories of processing
- metrology and characterization
- equipment and systems
- extreme conditions

Online archive

2019–2021 freely available at iopscience.org/ijem

Partners

Institute of Machinery Manufacturing Technology, China Academy of Engineering Physics

Dalian University of Technology

Fudan University

Research Center of Laser Fusion, China Academy of Engineering Physics

Journal metrics

5 DAYS
Median submission to first decision before peer review

25 DAYS
Median submission to first decision after peer review

4.2
Citescore

OPEN ACCESS ELECTRONIC ONLY

Inverse Problems

iopscience.org/ip

Volume	38
Frequency	12
Online ISSN	1361-6420
Print ISSN	0266-5611
CODEN	INPEEY

Editor-in-chief

O Scherzer, University of Vienna, Austria

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

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.

IP also publishes review articles on topical areas of high importance and thematic Special Issues that focus on research in key and emerging areas.

Online archive

2011–2021 available free with journal subscription

1985–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

55 DAYS
Median submission to first decision after peer review

2.407
Impact factor

3.7
Citescore

IOP SciNotes

iopscience.org/iopsn

Volume	3
Frequency	4
Online ISSN	2633-1357
CODEN	ISOCCM

IOP SciNotes™ is a multidisciplinary, open access journal that provides a peer-reviewed forum for researchers to publish individual units of scientific material collected during the research process.

Articles in *IOP SciNotes* are characterised by length and format and the journal welcomes the following study types in Note form:

- preliminary results
- pilot studies
- negative or reproduced results and/or observations
- descriptions of a new method or protocol
- descriptions of new data or code that enable others to use and understand them (with citation to the full dataset located in an open repository)
- registered methodological reports (describing a new method prior to conducting the research and collecting data)

The subject scope of the journal includes the following broad areas: physics, materials, bioscience and medical physics, environment and energy, chemistry, engineering, mathematics and computation.

Online archive

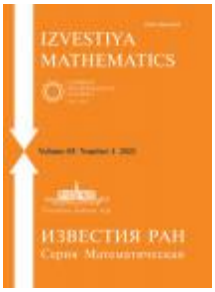
2020–2021 freely available to all at iopscience.org/iopsn

Journal metrics

OPEN ACCESS ELECTRONIC ONLY

Izvestiya: Mathematics

iopscience.org/im



Volume	86
Frequency	6
Online ISSN	1468-4810
Print ISSN	1064-5632

Izvestiya: Mathematics (IM) is the English edition of the Russian bimonthly journal *Izvestiya Rossiiskoi Akademii Nauk, Seriya Matematicheskaya*, which was founded in 1937.

The journal publishes only original research papers containing full results. Whilst the coverage spans all fields of mathematics, special attention is given to general algebra, mathematical logic, mathematical analysis, geometry, topology and differential equations.

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

Online archive

1967–2021 available free with journal subscription
1967–2007 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

Partners

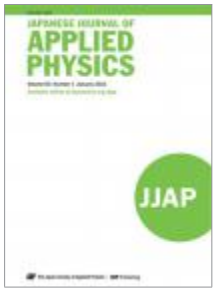
- Turpion
- Russian Academy of Sciences
- London Mathematical Society

Journal metrics

1.189	1.7
Impact factor	Citescore

Japanese Journal of Applied Physics

iopscience.org/jjap



Volume	61
Frequency	12 + 15 special issues
Online ISSN	1347-4065
Print ISSN	0021-4922
CODEN	JJAPB6

Chief executive editor
Hideki Hirayama, RIKEN, Japan

Editor-in-chief
Kouichi Ono, Kyoto University/Osaka University, Japan

The *Japanese Journal ofApplied 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. Articles in interdisciplinary areas with potential technological implications are strongly encouraged.

JJAP 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 that have been 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.

Online archive
1962–2021 available with journal subscription

Partner
The Japan Society of Applied Physics

Journal metrics

4 DAYS	27 DAYS	1.480
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

Journal of Breath Research

iopscience.org/jbr

Volume	16
Frequency	4
Online ISSN	1752-7163
CODEN	JBROBW

Editor-in-chief
Joachim D Pleil, University of North Carolina, USA

Associate editors
Jonathan Beauchamp, Fraunhofer IVV, Germany
Cristina Davis, University of California, Davis, USA
Raed Dweik, Cleveland Clinic, USA
Fabio Di Francesco, Pisa University, Italy

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

JBR is the official journal of the International Association for Breath Research (IABR).

Online archive
2011–2021 available free with journal subscription
2007–2010 available in the IOP Journal Archive

Journal metrics

7 DAYS	41 DAYS	3.262
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5.4	ELECTRONIC ONLY
Citescore	

Journal of Cosmology and Astroparticle Physics

iopscience.org/jcap

Volume	20
Frequency	12
Online ISSN	1475-7516
CODEN	JCAPBP

Scientific directors

- Viatcheslav Mukhanov, Arnold Sommerfeld Center for Theoretical Physics, Germany
- Licia Verde, Institute of Cosmos Sciences, University of Barcelona, Spain

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 all aspects of cosmology and particle astrophysics including:

- CMBR
- cosmic rays
- dark matter
- magnetic fields and plasma
- neutrinos
- particles and cosmology
- galaxies
- large-scale structure of the universe

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

Online archive

2010–2021 available free with journal subscription

2003–2010 available in the IOP Journal Archive

Partner

International School for Advanced Studies (SISSA)

Journal metrics

5.839 Impact factor	9 Citescore	ELECTRONIC ONLY

Journal of Instrumentation

iopscience.org/jinst

Volume	17
Frequency	12
Online ISSN	1748-0221
CODEN	JIONAS

Scientific director

Marzio Nessi, CERN, Switzerland

Journal of Instrumentation (JINST) is a multidisciplinary, electronic-only journal, created jointly by the International School for 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.

Online archive

2011–2021 available free with journal subscription

2006–2010 available in the IOP Journal Archive

Partner

International School for Advanced Studies (SISSA)

Journal metrics

1.415 Impact factor	2.7 Citescore	ELECTRONIC ONLY

Journal of Micromechanics and Microengineering

iopscience.org/jmm

Volume	32
Frequency	12
Online ISSN	1361-6439
Print ISSN	0960-1317
CODEN	JMMIEZ

Editor-in-chief

Weileun Fang, National Tsing Hua University, Taiwan

A leading journal in its field, *Journal ofMicromechanics and Microengineering*™ (JMM) covers all aspects of nano- and microelectromechanical systems, devices and structures as well as nano/micromechanics, nano/microengineering and nano/microfabrication.

JMM focuses on original work or topical reviews on nano- and micro mechanical systems, nano- and micro electomechanical systems, nano- and micro electrical and mechatronic systems, nano- and micro engineering and nano- and micro scale science.

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.

Online archive

2011–2021 available free with journal subscription

1991–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

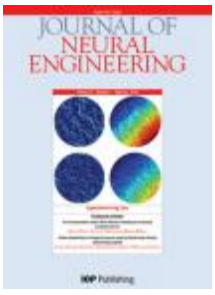
39 DAYS
Median submission to first decision after peer review

1.881
Impact factor

4
Citescore

Journal of Neural Engineering

iopscience.org/jne



Volume	19
Frequency	6
Online ISSN	1741-2552
CODEN	JNEIEZ

Editor-in-chief

Dominique M Durand, Case Western Reserve University, USA

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

- brain–machine (computer) interfaces
- neuromodulation
- neural prostheses
- neuroimaging
- neuro-rehabilitation
- 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.

Online archive

2011–2021 available free with journal subscription

2004–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

53 DAYS
Median submission to first decision after peer review

5.379
Impact factor

7.7
Citescore

ELECTRONIC ONLY

Journal of Optics

iopscience.org/jopt

Volume	24
Frequency	12
Online ISSN	2040-8986
Print ISSN	2040-8978
CODEN	JOOPCA

Editor-in-chief

Andrew Forbes, University of the Witwatersrand, South Africa

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 sections:

- 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

Besides regular papers, JOPT publishes a select number of special issues and a variety of other article types. Letters give the community prompt access to particularly timely and significant research. Topical Reviews, commissioned by the Editorial Board, present a snapshot of recent progress in a particular field, and Roadmaps an outlook on current and future challenges and emerging technologies in high-interest areas of optics. All JOPT articles can also be read as enhanced-article HTML – perfect for researchers using tablets or smartphones.

Online archive

2011–2021 available free with journal subscription
2010 available in the IOP Journal Archive
2003–2009 under the previous name of *Journal of Optics A: Pure and Applied Optics*
1970–2009 available in the IOP Journal Archive (under previous names)

Journal metrics

7 DAYS	50 DAYS	2.516
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5
Citescore

Journal of Physics A: Mathematical and Theoretical

iopscience.org/jphysa

Volume	55
Frequency	50
Online ISSN	1751-8121
Print ISSN	1751-8113
CODEN	JPAMB5

Editor-in-chief

J A Minahan, Uppsala University, Sweden

Journal ofPhysics 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 six key research areas:

- statistical physics: nonequilibrium systems, computational methods and modern equilibrium theory
- mathematical physics
- quantum mechanics and quantum information theory
- field theory and string theory
- nonlinear physics and waves
- 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 available quickly to the research community via the journal's Letters programme. Special issues and topical reviews provide essential and timely overviews of high-interest topics.

Online archive

2011–2021 available free with journal subscription
1968–2010 available in the IOP Journal Archive

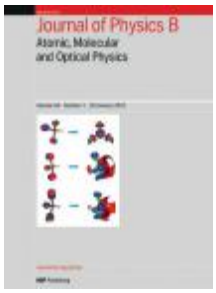
Journal metrics

5 DAYS	62 DAYS	2.132
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

4.1
Citescore

Journal of Physics B: Atomic, Molecular and Optical Physics

iopscience.org/jphysb



Volume	55
Frequency	24
Online ISSN	1361-6455
Print ISSN	0953-4075
CODEN	JPAPEH

Editor-in-chief

Marc Vrakking, Max Born Institute for Nonlinear Optics and Short Pulse Spectroscopy, Germany

Journal ofPhysics B: Atomic, Molecular and Optical Physics™ (JPhysB) publishes significant and high-quality research in atomic, molecular and optical physics, in the following sections:

- atomic structure, properties and dynamics
- molecular, chemical and cluster physics
- atomic and molecular collisions
- cold matter
- optical and laser physics
- quantum technologies
- 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:

- Letters: outstanding, concise articles, reporting important, new and timely developments
- Roadmaps: collegial articles providing an outlook on future challenges and emerging technologies in high-interest areas of atomic, molecular and optical physics
- Tutorials: based on PhD theses or lecture series, these articles introduce newcomers to rapidly developing fields where textbooks are unavailable
- Viewpoints: short commissioned editorials commenting on high-interest articles published in the journal

Online archive

2011–2021 available free with journal subscription

1968–2010 available in the IOP Journal Archive

Journal metrics

8 DAYS	47 DAYS	1.917
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

3.2
Citescore

Journal of Physics Communications

iopscience.org/jpco

Volume	6
Frequency	12
Online ISSN	2399-6528
CODEN	JPCOFP

Senior advisory panel

Sarbajit Banerjee, Texas A&M University, USA
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Kuijuan Jin, Institute of Physics, Chinese Academy of Sciences, China
Wu-Ming Liu, Institute of Physics, Chinese Academy of Sciences, China
Chang Hee Nam, IBS Center for Relativistic Laser Science, Gwangju Institute of Technology, Korea

Journal of Physics Communications™ (JPCO) is an open access journal covering all branches of physics and related fields. The journal is committed to fast review and publication of high-quality science in all areas of physics, including interdisciplinary fields, and operates a transparent editorial selection and feedback process focused on scientific validity and rigour.

JPCO builds on the strength and prestige of the *Journal of Physics* series. The journal does not make a subjective assessment on the potential future significance of a paper, instead providing a rapid platform for communicating research that meets high standards of scientific rigour and contributes to the development of knowledge in physics.

All physics-related research is in scope, including interdisciplinary and multidisciplinary studies. All types of results can be published, provided they contribute to advancing knowledge in their field, including negative results, null results and replication studies.

Online archive

2017–2021 freely available to all at iopscience.org/jpco

Journal metrics

1 DAY	41 DAYS	1.9
Median submission to first decision before peer review	Median submission to first decision after peer review	Citescore

OPEN ACCESS ELECTRONIC ONLY

Journal of Physics: Condensed Matter

iopscience.org/jpcm

Volume	34
Frequency	50
Online ISSN	1361-648X
Print ISSN	0953-8984
CODEN	JCOMEL

Editor-in-chief

Gianfranco Pacchioni, Universitá degli Studi di Milano-Bicocca, Italy

Journal ofPhysics: Condensed Matter™ (JPCM), offers readers the latest research across all areas of condensed matter physics, including soft matter, nanoscience, chemical physics 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:

- surfaces and interfaces
- soft matter, biophysics and liquids
- physics of chemical processes
- nanostructures and nanoelectronics
- structure, dynamics and phase transitions
- electronic structure
- correlated electrons systems
- physics of materials
- magnetism
- computational and experimental methods

Online archive

2011–2021 available free with journal subscription
1968–2010 available in the IOP Journal Archive (under previous journal names)

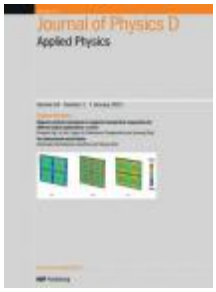
Journal metrics

3 DAYS	38 DAYS	2.333
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

4.7
Citescore

Journal of Physics D: Applied Physics

iopscience.org/jphysd



Volume	55
Frequency	50
Online ISSN	1361-6463
Print ISSN	0022-3727
CODEN	JPAPBE

Editor-in-chief

Huiyun Liu, University College London, UK

Receiving more than 1 million downloads every year, *Journal ofPhysics 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
- semiconductors and photonics
- low-temperature plasmas
- condensed matter
- applied biophysics
- energy

The journal offers even more high-quality research, reviews and Special Issues and our highly popular Roadmaps that provide broad overviews of fields and emerging topics. JPhysD is recommended as a key resource for researchers working in physics, chemistry, materials, engineering and biophysics.

Online archive

2011–2021 available free with journal subscription
1950–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS	38 DAYS	3.207
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5.9
Citescore

Journal of Physics G: Nuclear and Particle Physics

iopscience.org/jphysg

Volume	49
Frequency	12
Online ISSN	1361-6471
Print ISSN	0954-3899
CODEN	JPGPED

Editor-in-chief

Jacek Dobaczewski, University of York, UK, and University of Warsaw, Poland

Journal ofPhysics G: Nuclear and Particle Physics™ (JPhysG) publishes theoretical and experimental articles covering 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
- Focus Issues addressing a specific topic of interest that highlight the state of the art and promote new developments in the field, acting as a hub for the community

Online archive

2011–2021 available free with journal subscription

1975–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS	39 DAYS	3.045
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5
Citescore

Journal of Radiological Protection

iopscience.org/jrp

Volume	42
Frequency	4
Online ISSN	1361-6498
Print ISSN	0952-4746
CODEN	JRPREA

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.

Online archive

2011–2021 available free with journal subscription

1981–2010 available in the IOP Journal Archive

Partner

The Society for Radiological Protection

Journal metrics

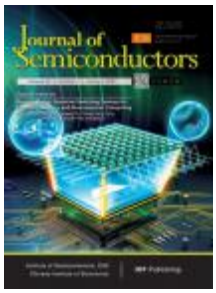
2 DAYS	27 DAYS	1.394
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

2
Citescore

ELECTRONIC ONLY

Journal of Semiconductors

iopscience.org/jos



Volume	43
Frequency	12
Online ISSN	2058-6140
Print ISSN	1674-4926
CODEN	JSOEB4

Editor-in-chief

SS Li, Institute of Semiconductors, Chinese Academy of Sciences, China

Journal ofSemiconductors (JOS) publishes articles that emphasise semiconductor physics, materials, devices, circuits and related technology. It reports on the following topics:

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 on both physics and information science, JOS is a key resource for anyone with an interest in physics, electronics and engineering.

Online archive

2011–2021 available free with journal subscription

2009–2010 available in the IOP Journal Archive

Partners

Chinese Institute of Electronics
Institute of Semiconductors, Chinese Academy of Sciences

Journal metrics

2.9
Citescore

Journal of Statistical Mechanics: Theory and Experiment

iopscience.org/jstat

Volume	19
Frequency	12
Online ISSN	1742-5468
CODEN	JSMTC6

Chief director

Mark Mézard, École normale supérieure, France

Scientific directorate

- W Bialek, Princeton University, USA
- E Fradkin, University of Illinois at Urbana-Champaign, USA
- M Marsili, International Centre for Theoretical Physics, Italy
- D Mukamel, Weizmann Institute of Science, Israel
- G Mussardo, International School for Advanced Studies, Italy
- R Zecchina, Bocconi University, Italy

Journal ofStatistical Mechanics: Theory and Experiment (JSTAT) is published in partnership with the International School for Advanced Studies (SISSA).

The journal's scope covers topics that correspond to the following keyword sections:

- quantum statistical physics, condensed matter, integrable systems
- classical statistical mechanics, equilibrium and non-equilibrium
- disordered systems, classical and quantum
- interdisciplinary statistical mechanics
- biological modelling and information

Online archive

2011–2021 available free with journal subscription

2004–2010 available in the IOP Journal Archive

Partner

International School for Advanced Studies (SISSA)

Journal metrics

2.232
Impact factor

3.6
Citescore

ELECTRONIC ONLY

Journal of The Electrochemical Society

iopscience.org/jes

Volume	169
Frequency	12
Online ISSN	1945-7111
CODEN	JESOAN

Editor-in-chief

Robert Savinell, Case Western Reserve University, USA

The *Journal of The Electrochemical Society* (JES) was launched in 1902 as the society's flagship journal, and is published by IOP Publishing on behalf of The Electrochemical Society. The journal publishes outstanding research covering fundamental and applied areas of electrochemistry, including experimental and theoretical aspects of electrodes, interfaces and devices

JES has eight topical interest areas:

- batteries and energy storage
- corrosion science and technology
- electrochemical/electroless deposition
- electrochemical engineering
- fuel cells, electrolyzers and energy conversion
- organic and bioelectrochemistry
- physical and analytical electrochemistry, electrocatalysis and photoelectrochemistry
- sensors

Online archive

While a subscription is current, a subscribing institution will have access to all of the available backfiles (for JES, from 1930) as well as content from the current subscription year

Partner

The Electrochemical Society

Journal metrics

9 DAYS
Median submission to first decision before peer review

29 DAYS
Median submission to first decision after peer review

4.316
Impact factor

6.6
Citescore

ELECTRONIC ONLY

JPhys Complexity

iopscience.org/jphyscomplexity

Volume	3
Frequency	4
Online ISSN	2632-072X
CODEN	JPCOGQ

Editor-in-chief

Ginestra Bianconi, Queen Mary University of London, UK

JPhys Complexity™ (JPCOMPLEX) showcases the most significant and exciting scientific developments in physics-related theoretical, experimental and applied research that contributes to advancing our scientific understanding of complex systems and networks. As an interdisciplinary journal, *JPhys Complexity* welcomes submissions from all disciplines, including physics, biology, chemistry, environmental science, social sciences, economics and related fields, and aims to facilitate the flow of knowledge between and beyond these communities, ensuring authors gain maximum impact and visibility for their work.

All research related to complex systems and networks is in scope, including interdisciplinary and multidisciplinary studies. Coverage includes, but is not limited to, the following:

- artificial intelligence and machine learning
- biological and physical systems
- city and regional planning
- climate change and sustainability
- cognitive, language and informational networks
- computational assembly science and engineering
- economic and financial systems
- human behaviour, social-evolutionary dynamics
- online social networks and the internet
- quantum networks

Online archive

2020 – 2021 freely available to all at iopscience.org/jpcomplex

Journal metrics

OPEN ACCESS

ELECTRONIC ONLY

JPhys Energy

iopscience.org/jphysenergy

Volume	4
Frequency	4
Online ISSN	2515-7655
CODEN	JPEOEY

Editor-in-chief
John Irvine, University of St Andrews, UK

JPhys Energy™ (JPENERGY) is an innovative open access journal for high-quality research in all areas where physical sciences are applied in the field of energy. The journal showcases the most significant and exciting developments in energy research, with a particular focus on interdisciplinary and multidisciplinary studies.

All energy-related research is in scope; subjects covered include, but are not restricted to:

- batteries and supercapacitors
- biodiesels and biofuels
- biomass and biorefineries
- carbon capture and storage
- dimate change
- electrocatalysis and photocatalysis
- energy grids and networks
- energy harvesting devices
- fuel cells
- hydrogen generation and storage
- life-cycle assessment
- materials for energy applications
- nuclear power
- solar-energy conversion and photovoltaics
- sources and technologies: renewables and fossil fuels
- water splitting and artificial photosynthesis

Online archive
2019–2021 available free at iopscience.org/jphysenergy

Journal metrics

5.967 Impact factor	2.4 Citescore	OPEN ACCESS

OPEN ACCESS ELECTRONIC ONLY

JPhys Materials

iopscience.org/jphysmaterials

Volume	5
Frequency	4
Online ISSN	2515-7639
CODEN	JPMOC4

Editor-in-chief
Stephan Roche, Catalan Institution for Research and Advanced Studies and Catalan Institute of Nanosciences and Nanotechnology, Spain

JPhys Materials™ (JPMATER) is an open access journal that covers all branches of physical sciences contributing to the advancement of materials science. The journal showcases the most significant and exciting developments in materials research, with a particular focus on interdisciplinary and multidisciplinary studies.

All materials-related research is in scope; subjects covered will include, but are not restricted to:

- biological and biomedical materials
- carbon materials
- electronic materials
- energy and environment materials
- magnetic materials
- metals and alloys
- metamaterials
- organic materials
- photonic materials
- polymers and organic compounds
- semiconductors
- soft matter
- superconductors
- surfaces, interfaces and thin films

Online archive
2018–2021 available free at iopscience.org/jphysmaterials

Journal metrics

2 DAYS Median submission to first decision before peer review	32 DAYS Median submission to first decision after peer review	3.3 Citescore

OPEN ACCESS ELECTRONIC ONLY

JPhys Photonics

iopscience.org/jphysphotonics

Volume	4
Frequency	4
Online ISSN	2515-7647
CODEN	JPPOKR

Editor-in-chief
Hugo Thienpont, Vrije Universiteit Brussel, Belgium

JPhys Photonics™ (JPPHOTON) is an open access journal that highlights the most significant and exciting advances in research into the properties and applications of light. It aims to bring together scientists from a range of disciplines, with a particular focus on interdisciplinary and multidisciplinary research.

All photonics-related research is in scope; subjects covered include, but are not restricted to:

- biophotonics and biomedical optics
- energy and green tech applications, including photovoltaics
- imaging, detection and sensing
- light-matter interactions
- light sources, including lasers and LEDs
- nanophotonics
- nonlinear and ultrafast optics
- optical communications and fibre optics
- optical data storage
- optoelectronics, integrated optics and semiconductor photonics
- photonic materials, metamaterials and engineered structures
- plasmonics
- propagation, interaction and behaviour
- quantum photonics and optics

Online archive
2018–2021 available free at iopscience.org/jphysphotonics

Journal metrics

1.6 Citescore	OPEN ACCESS	ELECTRONIC ONLY

Laser Physics

iopscience.org/lp

Volume	32
Frequency	12
Online ISSN	1555-6611
Print ISSN	1054-660X
CODEN	LAPHEJ

Editor-in-chief
Vanderlei S Bagnato, University of São Paulo, Brazil

Founded in 1990, on the initiative of Nobel laureate, Alexander M Prokhorov, *Laser Physics* (LP) is an international journal offering a comprehensive view of the fields of theoretical and experimental laser research and applications. The journal's scope includes:

- physics of lasers, and novel laser materials
- fibre optics and fibre lasers
- quantum optics and quantum information science
- optics: nanomaterials; nonlinear; ultrafast, and strong field physics
- physics of cold trapped atoms
- laser methods in chemistry, biology, medicine and ecology
- laser spectroscopy
- 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.

Online archive
2013–2021 available free with journal subscription
Details on the LP archive (1991–2012) are available at www.lasphys.com/lasphys

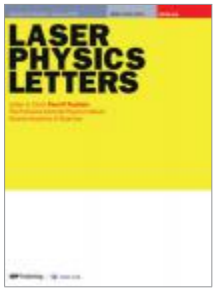
Partner
Astro Ltd.

Journal metrics

7 DAYS Median submission to first decision before peer review	1.366 Impact factor	2.4 Citescore

Laser Physics Letters

iopscience.org/lpl



Volume	19
Frequency	12
Online ISSN	1612-202X
Print ISSN	1612-2011
CODEN	LPLABC

Editor-in-chief

Vanderlei S Bagnato, University of São Paulo, Brazil

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.

Online archive

2011–2021 available free with journal subscription

2004–2010 available in the IOP Journal Archive

Partner

Astro Ltd.

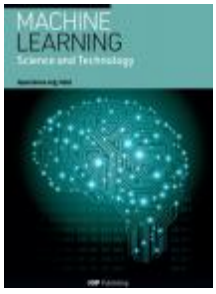
Astro Ltd

Journal metrics

7 DAYS	2.016	3.9
Median submission to first decision before peer review	Impact factor	Citescore

Machine Learning: Science and Technology

iopscience.org/mlst



Volume	3
Frequency	4
Online ISSN	2632-2153
CODEN	MLSTCK

Editor-in-chief

Anatole von Lilienfeld, University of Vienna, Austria

Machine Learning: Science and Technology™ (MLST) is a multidisciplinary open access journal that bridges the application of machine learning across the sciences with advances in machine learning methods and theory as motivated by physical insights.

Particular areas of scientific application include (but are not limited to):

- physics and space science
- design and discovery of novel materials and molecules
- materials characterisation techniques
- simulation of materials, chemical processes and biological systems
- atomistic and coarse-grained simulation
- quantum computing
- biology, medicine and biomedical imaging
- geoscience (including natural disaster prediction) and climatology
- simulation methods and high-performance computing
- particle physics

Conceptual or methodological advances in machine learning methods include those in (but are not limited to):

- explainability, causality and robustness
- new (physics inspired) learning algorithms
- neural network architectures
- kernel methods
- bayesian and other probabilistic methods
- supervised, unsupervised and generative methods
- novel computing architectures
- codes and datasets
- benchmark studies

Online archive

2020–2021 freely available to all at iopscience.org/mlst

Journal metrics

OPEN ACCESS ELECTRONIC ONLY

Materials for Quantum Technology

iopscience.org/mqt

Volume	2
Frequency	4
Online ISSN	2633-4356
CODEN	MQTAAZ

Editor-in-chief

Jason Smith, University of Oxford, UK

Materials for Quantum Technology™ (MQT) is an open access multidisciplinary journal devoted to publishing cutting-edge experimental and theoretical research on the development and application of materials for all quantum-enabled technologies and devices. Particular areas of intertest include new areas of multifunctional materials, such as:

- fabrication and characterisation of materials and interfaces for quantum technology applications
- materials for hybrid quantum systems
- materials for quantum sensing and metrology
- materials for quantum optics and photonics
- materials for qubit systems
- novel materials and devices for quantum computing and quantum electronics
- chemistry for quantum technology
- theory and computational design of new materials for quantum technology applications
- emergent properties of quantum materials and their applications

MQT is a highly selective journal, only publishing articles that contain novel results or applications that substantially advance their relevant field with the expectation of long-term scientific or technological impact. Alongside high-impact original research papers, MQT also publishes authoritative review articles and perspectives from leading authors.

Online archive

2021 freely available to all at iopscience.org/mqt

Journal metrics

OPEN ACCESS ELECTRONIC ONLY

Materials Futures

iopscience.org/mf

Volume	1
Frequency	4
Online ISSN	2752-5724
CODEN	MFAUAP

Editors-in-chief

- Torsten Brezesinski, Karlsruhe Institute of Technology, Germany
- Weihua Wang, Institute of Physics, Chinese Academy of Sciences & Songshan Lake Materials Laboratory, China
- Jinkui Zhao, Institute of Physics, Chinese Academy of Sciences & Songshan Lake Materials Laboratory, China

Materials Futures™ (MF) is a gold open access journal publishing original works, perspectives, and review articles in all areas of basic and applied materials science and technology. It publishes the latest developments and achievements in the area of:

- structural materials
- nanomaterials
- energy materials
- quantum materials
- bioactive materials
- materials theories and computation

The journal encourages authors to provide a Future Perspective section on the future risk and breakthrough outlooks of their respective research field and where the field is heading toward in general.

Partner

Songshan Lake Materials Laboratory,
Institute of Physics, Chinese Academy of Sciences

Journal metrics

NEW LAUNCH OPEN ACCESS ELECTRONIC ONLY

Materials Research Express

iopscience.org/mrx

Volume	9
Frequency	12
Online ISSN	2053-1591
CODEN	MREAC3

Editors-in-chief

Yi Cao, Nanjing University, China

Judy Wu, University of Kansas, USA

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

Since 2020, MRX has been a fully gold open access journal providing maximum dissemination of research extending across all areas of materials science. Particular materials of interest include:

- biomaterials
- nanomaterials and nanotechnologies
- carbon allotropes and 2D materials
- electronic materials
- glasses, ceramics and amorphous materials
- magnetic materials
- metals and alloys
- photonic materials and metamaterials
- polymers and organic compounds
- smart materials
- thin films

Online archive

2020–2021 freely available to all at iopscience.org/mrx

2014–2019 available in the IOP Journal Archive

Journal metrics

2 DAYS Median submission to first decision before peer review	23 DAYS Median submission to first decision after peer review	1.620 Impact factor

2.5 Citescore	OPEN ACCESS	ELECTRONIC ONLY

Measurement Science and Technology

iopscience.org/mst

Volume	33
Frequency	12
Online ISSN	1361-6501
Print ISSN	0957-0233
CODEN	MSTCEP

Editor-in-chief

Andrew Yacoot, National Physical Laboratory, UK

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.

Online archive

2011–2021 available free with journal subscription

1923–2010 available in the IOP Journal Archive

Journal metrics

5 DAYS Median submission to first decision before peer review	43 DAYS Median submission to first decision after peer review	2.046 Impact factor

3.8 Citescore

Methods and Applications in Fluorescence

iopscience.org/maf

Volume	10
Frequency	4
Online ISSN	2050-6120
CODEN	MAFEB2

Editors-in-chief

David J S Birch, University of Strathclyde, UK
Marcia Levitus, Arizona State University, USA
Yves Mély, Université de Strasbourg, France

Methods and Applications in Fluorescence™ (MAF) is a multidisciplinary journal that 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.

Online archive

2013–2021 available free with journal subscription

Journal metrics

6 DAYS	35 DAYS	3.009
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5.3	ELECTRONIC ONLY
Citescore	

Metrologia

iopscience.org/met

Volume	59
Frequency	6
Online ISSN	1681-7575
Print ISSN	0026-1394
CODEN	MTRGAU

Editor

J Miles, Bureau International des Poids et Mesures, 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. It publishes original research on the fundamentals of measurement, including improvements to the seven base units of the International System of Units (SI). MET readers can also find articles on measurements of physical constants that have a fundamental importance in metrology – such as the Rydberg constant or the fine-structure constant – or that contribute to the solution of particularly difficult measurement problems.

MET also 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.

The MET Technical Supplement is an electronic-only publication that provides abstracts of international comparisons used to support the claimed calibration and measurement capabilities of participating laboratories. The abstracts are linked to full reports that are part of the Key Comparison Database (KCDB) maintained on the Bureau International des Poids et Mesures website, kcdb.bipm.org.

Online archive

2011–2021 available free with journal subscription
1965–2010 available in the IOP Journal Archive

Partner

Bureau International des Poids et Mesures

Journal metrics

6 DAYS	42 DAYS	3.157
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

4
Citescore

Modelling and Simulation in Materials Science and Engineering

iopscience.org/msmse

Volume	30
Frequency	8
Online ISSN	1361-651X
Print ISSN	0965-0393
CODEN	MSMSEEU

Editor-in-chief

Javier Llorca, Polytechnic University of Madrid & IMDEA Materials Institute, Spain

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 Editor-in-chief Javier Llorca, 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 emphasies 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

The journal has a programme of Focus Issues, with recent topics covered including multiscale materials modelling and uncertainty quantification.

Online archive

2011–2021 available free with journal subscription

1992–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

47 DAYS
Median submission to first decision after peer review

2.248
Impact factor

3.7
Citescore

Multifunctional Materials

iopscience.org/mfm

Volume	5
Frequency	4
Online ISSN	2399-7532
CODEN	MMUABD

Editors-in-chief

Andreas Lendlein, HZG Centre for Materials and Coastal Research & University of Potsdam, Germany

Richard Trask, University of Bristol, UK

Multifunctional Materials™ (MFM) is a multidisciplinary journal devoted to publishing research of the highest quality and impact, and is uniquely designed to serve an emerging field that now connects the materials science, physics, chemistry, bioscience and engineering communities, and translational multifunctional sciences. Specific areas of interest include new areas of multifunctional materials, such as:

- the design and manufacture of programmed materials for multifunctionality, morphing and adaptivity
- "meta materials" designed and created through current chemistry or synthetic biology
- multifunctional materials designed with the capabilities of intelligent systems, such as sensing and self-diagnosis
- characterisation methods for functions and multiscale modelling
- applications of functional multi-materials
- computational materials engineering

A key aim for the journal is to bridge the materials and systems communities that are now involved with multifunctional design. In addition to publishing outstanding articles that report urgent new results that make a significant advance to the field, MFM also publishes invited-only Topical Reviews on themes of particular current interest to the community.

Online archive

2018–2021 available free with journal subscription

Journal metrics

3 DAYS
Median submission to first decision before peer review

44 DAYS
Median submission to first decision after peer review

3.5
Citescore

ELECTRONIC ONLY

Nano Express

iopscience.org/nanox

Volume	3
Frequency	4
Online ISSN	2632-959X
CODEN	NEAXA4

Editor-in-chief

Antonio Di Bartolomeo, University of Salerno, Italy

Nano Express™ is a multidisciplinary, open access journal devoted to the rapid publication of new experimental, theoretical and applied research extending across all areas of nanoscale science and technology, including interdisciplinary topics. Characterised by article length flexibility and a fast-track peer-review process, areas of interest include (but are not limited to):

- synthesis and functionalisation of nanostructured materials
- study of the self- and directed-assembly of chemical species into nanoscale objects
- characterisation of the physical and chemical properties of nanoscale systems, thin films and 2D materials
- theoretical and computational nanoscience
- nanomedicine, biotechnology and pharmaceutical applications
- energy at the nanoscale and the use of nanostructures to develop alternative energy solutions
- quantum phenomena and technology
- nanofabrication and patterning of materials
- sensing and detectors

Online archive

2020–2021 freely available to all at iopscience.org/nanox

Journal metrics

OPEN ACCESS

ELECTRONIC ONLY

Nano Futures

iopscience.org/nanof

Volume	6
Frequency	4
Online ISSN	2399-1984
CODEN	NFAUB3

Editor-in-chief

Amanda Barnard, Australian National University, Australia

Nano Futures™ publishes the latest and most important results and perspective from across nanoscience and related technologies including physics, chemistry, biomedicine and materials science. The journal's primary aim is to become the home for high-urgency work that will define the future direction of nanotechnology. Only a small proportion of submissions to *Nano Futures* will meet the high standards of the journal and the number of published articles will therefore be limited. *Nano Futures* is now indexed in Web of Science and Scopus.

Specific topics of interest include (but are not limited to):

- nanoelectronics
- nanophotonics
- nanomagnetism and spintronics
- energy at the nanoscale
- nanosensors
- nanometrology
- nanobiotechnology
- nanomedicine

With a mission to reflect diverse and multidisciplinary fields, *Nano Futures* also publishes forward-looking Perspectives and specially commissioned Roadmap articles on themes of particular current interest to the broader nanoscience community.

Online archive

2017–2021 available free with journal subscription

Journal metrics

3 DAYS
Median submission to first decision before peer review

29 DAYS
Median submission to first decision after peer review

3.306
Impact factor

3.9
Citescore

ELECTRONIC ONLY

Nanotechnology

iopscience.org/nano

Volume	33
Frequency	50
Online ISSN	1361-6528
Print ISSN	0957-4484
CODEN	NNOTER

Editor-in-chief

Ray LaPierre, McMaster University, Canada

Nanotechnology™ (NANO) was launched in 1990 as the first journal dedicated to provide 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
- quantum technology

In addition to original research articles and Topical Reviews, NANO publishes Focus Collections, Letters 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.

Online archive

2011–2021 available free with journal subscription

1990–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

33 DAYS
Median submission to first decision after peer review

3.874
Impact factor

5.8
Citescore

Neuromorphic Computing and Engineering

iopscience.org/nce

Volume	2
Frequency	4
Online ISSN	2634-4386
CODEN	NCEECN

Editor-in-chief

Giacomo Indiveri, University of Zurich, Switzerland

Neuromorphic Computing and Engineering™ (NCE) is a multidisciplinary open access journal devoted to the design, development and application of artificial neural networks and systems in advancing scientific discovery and realising emerging new technologies.

Bringing together both the hardware and computational aspects of neuromorphic systems, the journal's audience extends to engineering, materials science, physics, chemistry, biology, neuroscience and computer science across academia and industry. Broad areas of coverage include:

development of functional materials for neuromorphic systems and devices
biologically-inspired neuromorphic systems and devices
development of novel devices and hardware to enable neuromorphic computing
computation, modelling and learning principles for neuromorphic systems
neuromorphic systems and theories for brain-inspired computation

Online archive

2021 freely available to all at iopscience.org/nce

Journal metrics

OPEN ACCESS

ELECTRONIC ONLY

New Journal of Physics

iopscience.org/njp

Volume	24
Frequency	12
Online ISSN	1367-2630
CODEN	NJOPFM

Editor-in-chief

Andreas Buchleitner, Albert-Ludwigs-University Freiburg, Germany

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 and applied research, as well as interdisciplinary topics, including:

- quantum physics (including quantum information)
- atomic and molecular physics
- optics, photonics and device physics
- condensed matter
- nanoscale science
- 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

Online archive

1998–2021 freely available at iopscience.org/njp

Partners

- Deutsche Physikalische Gesellschaft
- Institute of Physics

Journal metrics

5 DAYS
Median submission to first decision before peer review

51 DAYS
Median submission to first decision after peer review

3.729
Impact factor

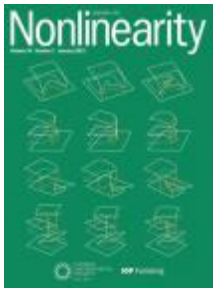
6.1
Citescore

OPEN ACCESS

ELECTRONIC ONLY

Nonlinearity

iopscience.org/non



Volume	35
Frequency	12
Online ISSN	1361-6544
Print ISSN	0951-7715
CODEN	NONLE5

Editors-in-chief

Tasso Kaper, Boston University, USA

Konstantin Khanin, University of Toronto, Canada

Published jointly by the London Mathematical Society and IOP Publishing, *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 through to biological science.

NON's Editorial Board is comprised of members with expertise across a diverse range of 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.

Online archive

2011–2021 available free with journal subscription

1988–2010 available in the IOP Journal Archive

Partner

London Mathematical Society

Journal metrics

26 DAYS
Median submission to first decision before peer review

163 DAYS
Median submission to first decision after peer review

2.129
Impact factor

2.7
Citescore

Nuclear Fusion

iopscience.org/nf

Volume	62
Frequency	12
Online ISSN	1741-4326
Print ISSN	0029-5515
CODEN	NUFUAU

Editor-in-chief

Francesco Romanelli, ENEA & University of Rome 'Tor Vergata', Italy

Associate editor for Inertial Confinement

S Jacquemot, École Polytechnique, France

Chairman of the Board of Editors

R Hawryluk, Princeton Plasma Physics Laboratory, USA

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

Online archive

2011–2021 available free with journal subscription

1960–2010 available in the IOP Journal Archive

Partner

International Atomic Energy Agency (IAEA)

Journal metrics

40 DAYS Median submission to first decision after peer review	3.179 Impact factor	6.8 Citescore

Physical Biology

iopscience.org/pb

Volume	19
Frequency	6
Online ISSN	1478-3975
CODEN	PBHIAT

Editor-in-chief

Greg Huber, Chan Zuckerberg Biohub, 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.

PB covers an extensive range of subjects, including:

- intracellular processes
- systems biology
- developmental processes
- physical aspects of disease
- neuronal dynamics
- population dynamics, ecology and evolution
- biomolecular structure and interactions
- cells and their microenvironment
- cell–material interactions
- novel physical techniques to probe biological systems
- advances in bioinformatic and modelling-based approaches
- synthetic biology

Online archive

2011–2021 available free with journal subscription

2004–2010 available in the IOP Journal Archive

Journal metrics

1 DAY Median submission to first decision before peer review	40 DAYS Median submission to first decision after peer review	2.583 Impact factor
4.1 Citescore	ELECTRONIC ONLY	

Physica Scripta

iopscience.org/physscr

Volume	97
Frequency	12
Online ISSN	1402-4896
Print ISSN	0031-8949
CODEN	PHSCAS

Physica Scripta (PhysScr) is an international journal dedicated to presenting novel research findings and analysis across the breadth of theoretical and experimental physics.

PhysScr is committed to a broad-scope mission, publishing work from established fields of physics as well as emerging and interdisciplinary areas.

Published monthly (12 issues per year), PhysScr aims to support researchers at all stages by making work more accessible, and includes Invited Comments and reviews intended to bridge gaps in readers' knowledge and increase connection between related themes.

As well as regular research articles, the journal features a wide range of curated Focus Issues, including articles and comments that address cutting-edge topics.

Online archive

2011–2021 available free with journal subscription

1970–2010 available in the IOP Journal Archive

Journal metrics

3 DAYS
Median submission to first decision before peer review

41 DAYS
Median submission to first decision after peer review

2.487
Impact factor

2.3
Citescore

ELECTRONIC ONLY

Physics Education

iopscience.org/physed

Volume	57
Frequency	6
Online ISSN	1361-6552
Print ISSN	0031-9120
CODEN	PHEDA7

Editor-in-chief

Gary Williams, Institute of Physics, 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 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, resource reviews, letters and multimedia supplementary material. It also supports video abstracts, 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 Editorial Board. 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.

Online archive

2011–2021 available free with journal subscription

1966–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS
Median submission to first decision before peer review

23 DAYS
Median submission to first decision after peer review

1.2
Citescore

Physics in Medicine & Biology

iopscience.org/pmb

Volume	67
Frequency	24
Online ISSN	1361-6560
CODEN	PHMBA7

Editor-in-chief

Katia Parodi, Ludwig-Maximilians University, Germany

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

- therapy physics (ionising and non-ionising radiation)
- biomedical imaging (X-ray, magnetic resonance, ultrasound, optical and nuclear imaging)
- image-guided interventions
- image reconstruction and analysis
- artificial intelligence in biomedical physics and analysis
- nanoparticles in imaging and therapy radiobiology
- radiation protection and patient dose monitoring
- radiation dosimetry

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.

Online archive

2011–2021 available free with journal subscription

1956–2010 available in the IOP Journal Archive

Partner

Institute of Physics and Engineering in Medicine (IPEM)

Journal metrics

6 DAYS
Median submission to first decision before peer review

43 DAYS
Median submission to first decision after peer review

3.609
Impact factor

5.9
Citescore

ELECTRONIC ONLY

Physics—Uspekhi

(Advances in Physical Sciences)

iopscience.org/phu

Volume	65
Frequency	12
Online ISSN	1468-4780
Print ISSN	1063-7869
CODEN	PHUSEY

Editor-in-chief

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

Associate editors

L P Pitaevskii, P L Kapitza Institute for Physical Problems, Russian Academy of Sciences, Russia

O V Rudenko, M V Lomonosov Moscow State University, Russia

Physics— Uspekhi (Advances in Physical Sciences) (PU) is the English translation of *Uspekhi Fizicheskikh Nauk* – the flagship journal of the Russian Academy of Sciences, first published in 1918.

The journal's broad scope covers physics and associated fields, with special focus on 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.

Online archive

1958–2021 available free with journal subscription

1958–2009 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

Partners

Turpion

Uspekhi Fizicheskikh Nauk

Russian Academy of Sciences

Journal metrics

3.361
Impact factor

Physiological Measurement

iopscience.org/pmea

Volume	43
Frequency	12
Online ISSN	1361-6579
CODEN	PMEAE3

Editor-in-chief

Xiao Hu, Duke University, 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
- 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.

Online archive

2011–2021 available free with journal subscription

1980–2010 available in the IOP Journal Archive

Partner

Institute of Physics and Engineering in Medicine (IPEM)

Journal metrics

5 DAYS	52 DAYS	2.833
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5	ELECTRONIC ONLY
Citescore	

The Planetary Science Journal

iopscience.org/psj

Volume	3
Frequency	12
Online ISSN	2632-3338
CODEN	PSJLAV

Editor-in-chief

Faith Vilas, Planetary Science Institute, USA

The Planetary Science Journal is devoted to recent developments, discoveries and theories in planetary science. We welcome all aspects of investigation of the solar system and other planetary systems. *The Planetary Science Journal* publishes manuscripts that constitute significant new research that is directly relevant to planetary science, including observational results, theoretical insights, modeling, laboratory studies, instrumentation or geological field studies.

Online archive

Archival content is freely available to all at iopscience.org/psj

Partner

American Astronomical Society

Journal metrics

OPEN ACCESS ELECTRONIC ONLY

Plasma Physics and Controlled Fusion

iopscience.org/ppcf

Volume	64
Frequency	12
Online ISSN	1361-6587
Print ISSN	0741-3335
CODEN	PPCFET

Editor-in-chief

R O Dendy, UK Atomic Energy Authority & University of Warwick, UK

Deputy editor

M Koepke, West Virginia University, USA

Plasma Physics and Controlled Fusion™ (PPCF) is a leading voice in plasma physics. It 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.

Online archive

2011–2021 available free with journal subscription

1960–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS
Median submission to first decision before peer review

42 DAYS
Median submission to first decision after peer review

2.458
Impact factor

5.1
Citescore

Plasma Research Express

iopscience.org/prex

Volume	4
Frequency	4
Online ISSN	2516-1067
CODEN	PRELCZ

Editor-in-chief

Hae June Lee, Pusan National University, Korea

Plasma Research Express™ (PREX) is a broad, multidisciplinary journal devoted to publishing new experimental and theoretical research covering all areas of fundamental, engineering and applied plasma science at low and high temperatures. Topics of particular interest include:

- plasma science and technology for interdisciplinary applications to materials science, nanotechnology, micro-optics, medicine and biology, chemistry and processing, and environmental technology
- high-temperature plasmas and controlled fusion
- laser-plasma, high energy density plasma science, and warm dense matter
- plasma diagnostics, instrumentation and facilities
- plasma modelling and simulations
- nonlinear phenomena in natural and laboratory plasmas
- design rules and operation mechanisms of plasmas sources for industrial applications
- instabilities and turbulence in astrophysical and space plasmas
- fundamental principles and data for plasma–surface interactions
- electromagnetic interactions of charged particles and beams
- data-driven plasma science

Online archive

2019–2021 available free with journal subscription

Journal metrics

1
Citescore

ELECTRONIC ONLY

Plasma Science and Technology

iopscience.org/pst

Volume	24
Frequency	12
Online ISSN	2058-6272
Print ISSN	1009-0630
CODEN	PSTHC3

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 publishes research articles, letters, reviews, brief communications and research notes.

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
- magnetically confined plasma
- inertially confined plasma
- low-temperature plasma
- astrophysics and space plasma
- plasma technology
- fusion engineering

Online archive

2011–2021 available free with journal subscription

1999–2010 available in the IOP Journal Archive

Partners

- Institute of Plasma Physics, Chinese Academy of Sciences
- Chinese Society of Theoretical and Applied Mechanics

Journal metrics

29 DAYS	1.567	2.5
Median time to first decision	Impact factor	Citescore

Plasma Sources Science and Technology

iopscience.org/psst

Volume	31
Frequency	12
Online ISSN	1361-6595
CODEN	PSTEEU

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, materials science and the environment. PSST focuses on the latest developments in the field, with a scope that covers:

- 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 publishes a programme of Special Issues, Topical Reviews and Letters, so that readers can be confident that they have the most up-to-date papers available in the field.

Online archive

2011–2021 available free with journal subscription

1992–2010 available in the IOP Journal Archive

Journal metrics

6 DAYS	44 DAYS	3.584
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

5.9	ELECTRONIC ONLY
Citescore	

Progress in Biomedical Engineering

iopscience.org/prgb

Volume	4
Frequency	4
Online ISSN	2516-1091
CODEN	PBERB8

Progress in Biomedical Engineering™ (PRGB) is a new interdisciplinary journal publishing high-quality authoritative reviews and opinion pieces in the most significant and exciting areas of biomedical engineering research. Published content by leading experts on the current state of the science and emerging trends aims to fuel discussion on the future direction of research.

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

- tissue engineering
- biomechanics
- robotics
- biomedical imaging and computing
- drug delivery
- rehabilitation
- cellular and molecular engineering
- neuro engineering
- medical devices
- nanotechnology and medicine
- computer assisted interventions
- biomaterials
- artificial intelligence and machine learning

Online archive
2019–2021 freely available to all at iopscience.org/prgb

Journal metrics
ELECTRONIC ONLY

Progress in Energy

iopscience.org/prge

Volume	4
Frequency	4
Online ISSN	2516-1083
CODEN	PERNDG

Progress in Energy™ (PRGE) is a new multidisciplinary journal publishing high-quality authoritative reviews and opinion pieces in the most significant and exciting areas of energy research.

Invited content by leading experts on the current state of the science and emerging trends aims to fuel discussion on the future direction of research.

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

- energy materials
- energy storage
- energy science and engineering
- energy conservation
- energy efficiency
- energy systems
- energy and transport
- energy infrastructure
- energy grids and networks
- energy access and security
- sustainable and renewable energy
- environment and resources
- energy policy
- energy economics

Online archive
2019–2021 freely available to all at iopscience.org/prge

Journal metrics
ELECTRONIC ONLY

Publications of the Astronomical Society of the Pacific

iopscience.org/pasp

Volume	134
Frequency	12
Online ISSN	1538-3873
CODEN	PASPAU

Editor-in-chief

J Mangum, National Radio Astronomy Observatory, USA

Associate editor

D Fabricant, Harvard-Smithsonian Center for Astrophysics, USA

Publications of the Astronomical Society of the Pacific (PASP) has published original research on astronomy and astrophysics since 1889. 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. Under the leadership of its current Editor-in-chief, PASP has recieved its highest Impact Factor in the journal's history.

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

Online archive

1889–2021 available free with journal subscription

Partner

Astronomical Society of the Pacific

Journal metrics

1 DAY	28 DAYS	5.445
Median submission to first decision before peer review	Median submission to first decision after peer review	Impact factor

8.3	ELECTRONIC ONLY
Citescore	

Quantum Electronics

iopscience.org/qe

Volume	52
Frequency	12
Online ISSN	1468-4799
Print ISSN	1063-7818
CODEN	QUELEZ

Editor-in-chief

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

Associate editors

I B Kovsh, Laser Association, Russia

A S Semenov, P N Lebedev Physical Institute, Russian Academy of Sciences, Russia

Quantum Electronics (QE) is a direct English translation of the Russian journal, *Kvantovaya Elektronika*. Established in 1971 by Nobel Prize laureate, Nikolay G Basov, the journal 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.

Online archive

1958–2021 available free with journal subscription

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Partners

- Turpion
- Russian Academy of Sciences

Journal metrics

1.022	2.2
Impact factor	Citescore

Quantum Science and Technology

iopscience.org/qst

Volume	7
Frequency	4
Online ISSN	2058-9565
CODEN	QSTUAH

Editor-in-chief

Robert Thew, University of Geneva, Switzerland

Regional editor

Thomas Jennewein, University of Waterloo, Canada

Quantum Science and Technology™ (QST) is a multidisciplinary, high-impact journal devoted to publishing research of the highest quality and significance covering the science and application of all quantum-enabled technologies. QST bridges aspects of applied mathematics, condensed matter, quantum optics, atomic physics and materials science, and also extends to chemistry, biology, engineering, computer science and machine learning.

In addition to regular research papers, QST also publishes Topical Reviews and solicits articles for Focus Issues on high-interest subjects, resulting in an overview of the most up-to-date and interesting research in this field.

Online archive

2016–2021 available free with journal subscription

Journal metrics

7 DAYS
Median submission to first decision before peer review

56 DAYS
Median submission to first decision after peer review

5.994
Impact factor

8.5
Citescore

ELECTRONIC ONLY

Reports on Progress in Physics

iopscience.org/ropp

Volume	85
Frequency	12
Online ISSN	1361-6633
Print ISSN	0034-4885
CODEN	RPPHAG

Editor-in-chief

Subir Sachdev, Harvard University, 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.

ROPP's prestigious reputation stems 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.

Online archive

2011–2021 available free with journal subscription

1934–2010 available in the IOP Journal Archive

Journal metrics

6 DAYS
Median submission to first decision before peer review

102 DAYS
Median submission to first decision after peer review

17.264
Impact factor

37.6
Citescore

Research in Astronomy and Astrophysics

iopscience.org/raa

Volume	22
Frequency	12
Online ISSN	2397-6209
Print ISSN	1674-4527
CODEN	RAAEBW

Editors-in-chief

ZW Han, Yunnan Observatories, Chinese Academy of Sciences, China
L Gao, National Astronomical Observatories, Chinese Academy of Sciences, China

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

RAA publishes research papers and reviews 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

Online archive

2009–2021 available free with journal subscription

Partners

Chinese Astronomical Society
National Astronomical Observatories, Chinese Academy of Sciences

Journal metrics

1.469
Impact factor

2.5
Citescore

Russian Chemical Reviews

iopscience.org/rcr

Volume	91
Frequency	12
Online ISSN	1468-4837
Print ISSN	0036-021X
CODEN	RCRVAB

Editor-in-chief

Mikhail P Egorov, N D Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Russia

Associate editors

BF Myasoedov, A N Frumkin Institute of Physical Chemistry and Electrochemistry, Russia
V P Ananikov, N D Zelinsky Institute of Organic Chemistry, Russia

Russian Chemical Reviews (RCR) is the English translation of the monthly reviewjournal *Uspekhi Khimii,* one of the leading Russianjournals in chemistry, founded in 1932. Thejournal showcases the advances in most aspects of modern chemistry, including: 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; and environmental chemistry. RCR appeals to all scientists working with chemistry, physical chemistry, chemical physics, materials science, nanochemistry, nanostructures and nanotechnologies.

Online archive

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Partners

- Turpion
- Russian Academy of Sciences

Turpion

Journal metrics

6.926
Impact factor

Russian Mathematical Surveys

iopscience.org/rms

Volume	77
Frequency	6
Online ISSN	1468-4829
Print ISSN	0036-0279

Editor-in-chief

S P Novikov, Russian Academy of Sciences, Russia, and University of Maryland, USA

Deputy editors

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

I A Taimanov, Sobolev Institute of Mathematics, 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.

RMS publishes specially-commissioned survey articles on current trends in mathematics and short communications showcasing new research from the Moscow Mathematical Society. It is also the only journal that publishes a record of mathematical life in Russia and biographical material. Translated into English since 1960, the journal archive provides access to valuable historic research.

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Partners

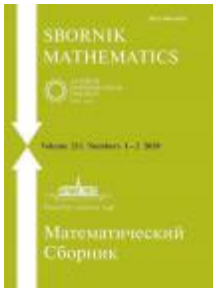
- Turpion
- Russian Academy of Sciences
- London Mathematical Society

Journal metrics

1.909	1.7
Impact factor	Citescore

Sbornik: Mathematics

iopscience.org/msb



Volume	213
Frequency	12
Online ISSN	1468-4802
Print ISSN	1064-5616

Editor-in-chief

B S Kashin, Steklov Mathematical Institute of Russian Academy of Sciences, Russia

Deputy editor

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

Sbornik: Mathematics (SM) is the English translation of the Russian monthly journal *Matematicheskii Sbornik*, founded in 1866. The oldest Russian mathematical journal, SM has been translated into English since 1967, and 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.

Online archive

1967–2021 available free with journal subscription

1967–2009 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

Partners

- Turpion
- Russian Academy of Sciences
- London Mathematical Society

Journal metrics

0.986	1.6
Impact factor	Citescore

Semiconductor Science and Technology

iopscience.org/sst

Volume	37
Frequency	12
Online ISSN	1361-6641
Print ISSN	0268-1242
CODEN	SSTEET

Editor-in-chief

Koji Ishibashi, Advanced Device Laboratory, RIKEN, Japan

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

SST offers readers a wide range of article types, including a series of Special Issues. Researchers can access the most up-to-date research via Letters – the journal's high-quality, high-profile outlet for new and important research across all areas of semiconductor research. Topical Review articles present the background, recent progress and current state of the art in a particular field, making SST essential reading for scientists at any stage of their career in semiconductor research.

Online archive

2011–2021 available free with journal subscription

1986–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS
Median submission to first decision before peer review

43 DAYS
Median submission to first decision after peer review

2.352
Impact factor

3.8
Citescore

Smart Materials and Structures

iopscience.org/sms

Volume	31
Frequency	12
Online ISSN	1361-665X
Print ISSN	0964-1726
CODEN	SMSTER

Editor-in-chief

C S Lynch, University of California, Los Angeles, USA

Smart Materials and Structures™ (SMS) is a multidisciplinary journal dedicated to technical advances in (and applications of) smart materials, systems and structures; including intelligent systems, sensing and actuation, adaptive structures and active control.

SMS covers the following research areas:

- smart materials development and application – including, but not limited to, shape memory alloys and polymers, electro- and magnetorheological materials, piezoelectrics, ferroelectrics, multiferroics, piezomagnetics, electro- and magnetostrictive materials, thermoelectrics, photovoltaics, electro- and magnetocaloric materials, electrochromics, IPMCs, electroactive polymers, energy-storage materials, self-healing materials and multifunctional materials in general
- smart materials utilised as sensors and actuators with applications at any scale
- adaptive structural systems, actively controlled structures with smart materials and other non-traditional actuators
- energy harvesting systems including modelling, applications and implementation issues
- smart material systems that utilise biomimetics and bioinspiration
- 3D-printed smart materials and their applications
- smart textiles and wearable technology

Online archive

2011–2021 available free with journal subscription

1992–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS
Median submission to first decision before peer review

41 DAYS
Median submission to first decision after peer review

3.585
Impact factor

6.1
Citescore

Superconductor Science and Technology

iopscience.org/sust

Volume	35
Frequency	12
Online ISSN	1361-6668
Print ISSN	0953-2048
CODEN	SUSTEF

Editor-in-chief

C Foley, CSIRO, Australia

Superconductor Science and Technology™ (SUST) is the leading journal specialising in superconductivity and its application.

SUST is a truly multidisciplinary journal that provides an essential forum for members of the superconductivity research community and publishes Letters, Special Issues, Topical Reviews and Roadmap and Viewpoint articles.

SUST's scope includes papers from all areas of superconductivity, including superconducting materials and basic properties, superconducting quantum technology, electronics and other small-scale devices, superconducting wires and tapes, superconducting magnets, accelerators and other large-scale applications.

This international journal publishes high-quality, innovative articles covering the latest developments in superconductivity, ensuring that researchers receive a valuable overview of current research and keep up to date with the latest developments in the field.

Online archive

2011–2021 available free with journal subscription

1988–2010 available in the IOP Journal Archive

Journal metrics

4 DAYS
Median submission to first decision before peer review

33 DAYS
Median submission to first decision after peer review

3.219
Impact factor

5.7
Citescore

Surface Topography: Metrology and Properties

iopscience.org/stmp

Volume	10
Frequency	4
Online ISSN	2051-672X
CODEN	STMPCW

Editor-in-chief

H Costa, Federal University of Rio Grande, Brazil

Surface Topography: Metrology and Properties™ (STMP) publishes the latest physics, chemistry, life science, materials science and engineering research on applied, functional surfaces. STMP also publishes cross-disciplinary work on surface and interface engineering, helping researchers to share common themes on surface properties across an array of different applications. The journal looks at surfaces from the fundamental, applied and natural sciences, at any and all length scales.

STMP covers the modelling, design and characterisation of modified surfaces, as well as the structure–function relationship between the surface properties and their application. It aims to present the measurement of topography of surfaces and interfaces, and to highlight the connection between this and their resultant properties. Broadly, it includes:

- multiscale metrology of surfaces and interfaces
- static properties of surfaces and interfaces
- dynamic properties of surfaces and interfaces
- non-physical properties of surfaces and interfaces

Online archive

2013–2021 available free with journal subscription

Journal metrics

4 DAYS
Median submission to first decision before peer review

38 DAYS
Median submission to first decision after peer review

2.038
Impact factor

2.4
Citescore

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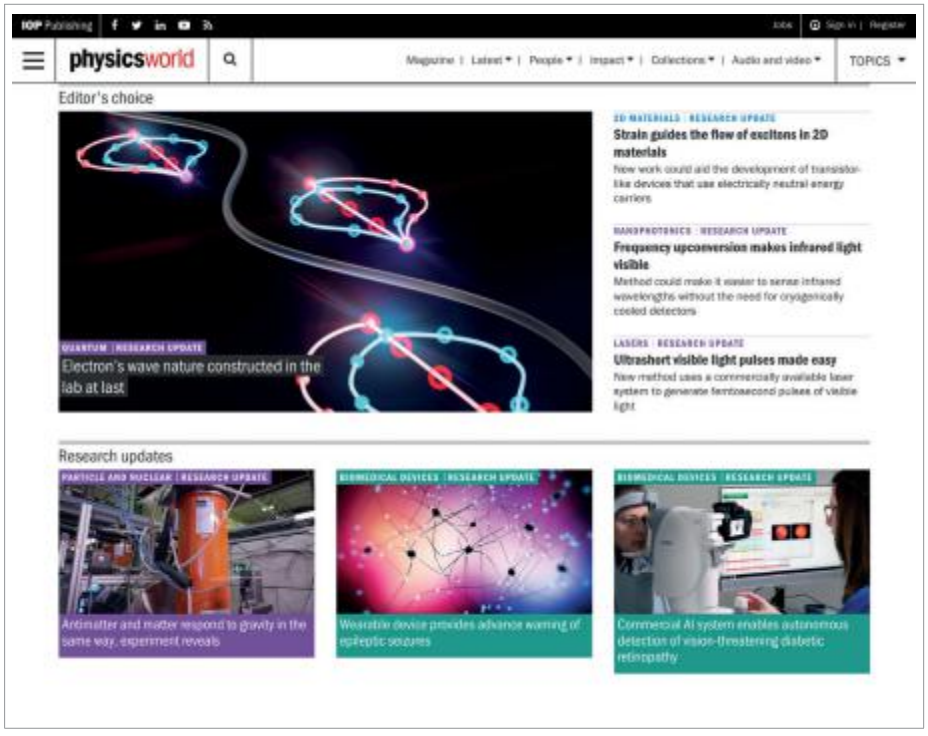

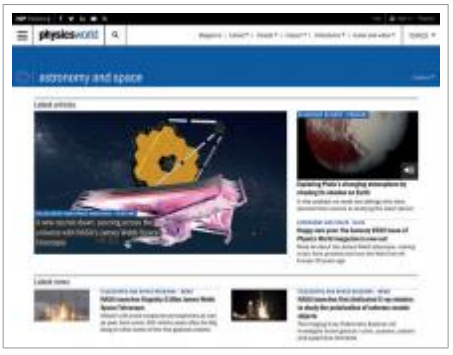

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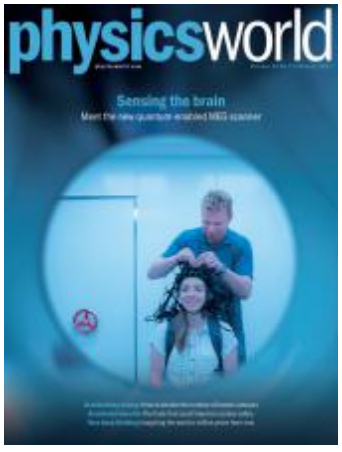

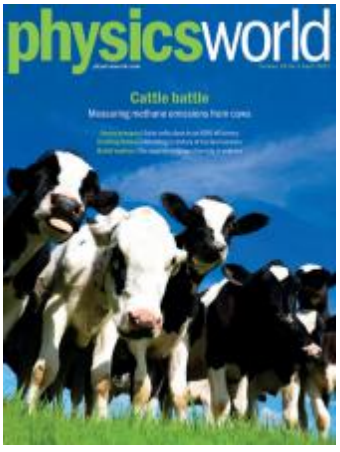

Volume	35
Frequency	12
Online ISSN	2058-7058
Print ISSN	0953-8585

Online archive
2011–2022 available free with journal subscription
1950–2011 available in the IOP Journal Archive
(1950– 1988 under the previous name of *Physics Bulletin*)

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Matin Durrani, editor-in-chief

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