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In a publishing landscape dominated by commercial enterprises, as a not-for-profit society publisher AIP Publishing remains committed to a bigger mission, to serve the physical sciences community. We believe in the potential of every scientific discovery – what’s published today becomes the foundation and the inspiration for researchers tomorrow.

We’re actively working to make the publishing system better for scientists and for science. In 2018 we removed page and color charges from all AIP Publishing journals to reduce barriers to publication. We’re currently investing in a new system for Article Processing Charges (APCs) that will make it easier for researchers to pay for open access publications and will enable institutions who are involved in managing APCs to make payments on behalf of their authors.

Disseminating research is at the core of what we do as a society publisher, and our policies and marketing initiatives are designed to help authors gain visibility for their work and support their careers. We encourage our authors to post their accepted manuscript via their personal website and to deposit a copy into institutional, subject and funder repositories. Through our new Scilight program, professional science writers work with authors to create a short summary of their article, emphasizing its significance to a particular field. Scilights are published simultaneously with the article on Scitation and can be shared on social media.

With over 100,000 active authors and reviewers, nearly 4,000 institutional customers, and 1.3 million monthly users, AIP Publishing serves a truly global community of physics researchers. In 2019 we’re expanding our reach through a new partnership with the Physical Society of Japan.

This year we’ve made some changes to harmonize our subscription models, to provide the same flexible options for purchasing across all our titles and those of our publishing partners, and to give our customers a choice in selecting the content that best serves your needs. We’ve also expanded the Digital Archive which now includes content from 403,000+ articles dating back to 1930.

As a wholly-owned subsidiary of the American Institute of Physics, AIP Publishing supports an 80+ year tradition of investing in physics education, student programs, and government relations to guide policy and academic dedication to the physical sciences. Our role as a steward for physics can perhaps most clearly be seen in the Niels Bohr Library & Archives in College Park, Maryland. The recent acquisition of the Wenner collection of rare books keeps the history of physics alive and accessible to scholars, researchers and the public.

Our customers play a vital role in ensuring that our mission can be met. Together we can lead and serve our community for generations to come.

John Haynes, Ph.D.
CEO, AIP Publishing
The AIP Publishing portfolio includes 33 publications across a broad spectrum of research areas. With research, reviews, and news covering a wide range of subject areas that impact a diverse set of industries, AIP Publishing offers more than just physics.

Our flagship journals, *Applied Physics Letters*, *Journal of Applied Physics*, and *The Journal of Chemical Physics* set the standard for quality across all our publications. The research published in these titles paves the way for new fields of study, gives rise to new techniques, and provides inspiration to contemporary researchers. Other prestigious titles within the portfolio cover plasmas, fluids, mathematical physics, instrumentation, and education.

The AIP Publishing portfolio offers scientists, engineers and students a foundation of interdisciplinary and emerging research, both basic and applied, that shape the future of research and development.

The AIP Publishing portfolio covers **many subject areas** across **several industries**, providing readers with access to research across the physical science spectrum.

### Subject Areas

- **APPLIED PHYSICS**
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- **CHEMICAL PHYSICS**
- **ENERGY**
- **MATERIALS SCIENCE**
- **NANOSCIENCE**
- **PHOTONICS**
- **AEROSPACE**
- **AUTOMOTIVE**
- **ENGINEERING**
- **IT & SOFTWARE**
- **CHEMICAL**
- **PHARMA**
- **MANUFACTURING & CONSTRUCTION**
- **POWER & UTILITIES**

### Corporate Application

At the rate scientific developments and research are being released, it is important that we provide companies with access to the latest in their respective industry.
Global Reach and Outstanding Quality

Global Dissemination
Researchers from nearly 4,000 institutions spanning 190+ countries across the world access 36M abstracts and download 24M* articles annually.

Outstanding Quality

Applied Physics
- #1 most cited: Applied Physics Letters
- #3 most cited: Journal of Applied Physics
- 9 Journals from AIP Publishing
- 21% of 2.09M citations

Fluids & Plasma Physics
- #3 most cited: Physics of Fluids
- #4 most cited: Physics of Plasmas
- 3 Journals from AIP Publishing
- 20% of 322K citations

Atomic, Molecular & Chemical Physics
- #1 most cited: The Journal of Chemical Physics
- 3 Journals from AIP Publishing
- 27% of 740K citations

*2017 Journal Citation Reports (Clarivate Analytics, 2018)

Global Authorship
In 2017, more than 15,700** articles published across all publications, representing the global community of scientists.

Articles Published By Region
- The Americas: 28%
- Asia: 43%
- Europe: 26%
- ROW: 3%

**excludes AIP Conference Proceedings
Access Options

AIP Complete
Access to the entire AIP Publishing Portfolio (librarians.aip.org/complete)
Offering the research community access to highly-cited, peer-reviewed publications including all subscription publications from AIP Publishing, Physics Today, AIP Conference Proceedings and our publishing partner journals. Spanning the physical sciences, this collection offers access to:

- 26 highly-rated publications
- 885K+ articles
- Research from Nobel Prize winners and notable scientists


Subscription Options Available:
- Frontfile (1999-present) + Backfile (1929-1998) + Print*

AVS Bundled Package
Four journals covering thin films, MEMS & NEMS, interfaces and surface science; as well as biological interfaces, atomic layer deposition and nanotechnology. Included in the package is a database-journal hybrid that concentrates on data reproducibility. Content available back to 1964 available as Frontfile only (1999-present) or Backfile + Frontfile (1964-present).

- Biointerphases
- JVSTA: Vacuum, Surfaces, and Films
- JVSTB: Nanotechnology and Microelectronics
- Surface Science Spectra

Fluids & Plasma Research Package
Online access to three highly regarded publications for fluids and plasmas researchers dating back to 1929. Access to content is available as Frontfile only (1999-present) or Backfile + Frontfile (1929-present).
Includes access to:

- Physics of Fluids
- Physics of Plasmas
- Journal of Rheology

*where available

CONTACT YOUR SALES MANAGER to discuss the package that best suits your needs.
+1 800-344-6902
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Secure perpetual access to the complete Digital Archive from AIP Publishing.

The AIP Digital Archives has been upgraded to include archival access to 20 publications from AIP Publishing and its publishing partners (from Volume 1, Issue 1 through 1998) dating back to 1930. Covering nearly 70 years of scientific advancements and discoveries, the AIP Digital Archives is an indispensable resource that offers perpetual access to 403,000+ articles on groundbreaking research in the physical sciences. This collection continues to drive research and discovery, and is packed with material relevant to physicists, chemists, materials scientists, engineers, and biologists.

The package now includes:

- AIP Conference Proceedings
- American Journal of Physics*
- Applied Physics Letters
- Chaos
- Journal of Applied Physics
- Journal of Laser Applications
- Journal of Mathematical Physics
- Journal of Physical and Chemical Reference Data
- Journal of Rheology*
- Journal of the Acoustical Society of America*
- JVSTA: Vacuum, Surfaces and Films*
- JVSTB: Nanotechnology and Microelectronics*
- Low Temperature Physics
- Physics of Fluids
- Physics of Plasmas
- Physics Today*
- Review of Scientific Instruments
- Surface Science Spectra*
- The Journal of Chemical Physics
- The Physics Teacher*

Customers who purchased the AIP Digital Archives prior to 2019 should contact their sales representative to learn how they can add the newest journals to their package to secure long-term access for their users.

*Added to the AIP Digital Archives package in 2019
The Scitation platform offers a seamless interface for users to access content and administrators to manage their account. After logging into your scitation.org account:

Administrators can:
- Manage account holdings, admin rights, IP ranges, and more
- Update branding so your users know access is being provided by their institution
- Review and analyze COUNTER usage statistics

Users can take advantage of:
- 24/7 online access to subscribed and OA publications
- Fully searchable platform with the capability to save searches
- Commenting and one-click social media sharing
- Optimized display across mobile devices and browsers
- Improved speed allowing for faster navigation and search functionality
- Remote access allowing you to access content from anywhere, anytime
- View trending articles and free access to all supplementary material

Facts & Figures

1 AIP’s flagship magazine, *Physics Today*

6 AIP Publishing Gold Open Access journals

12 AIP Publishing subscription journals including *Journal of Applied Physics, Applied Physics Letters,* and *The Journal of Chemical Physics*

13 Subscription journals published on behalf of AIP Publishing Partners

2,000+ Volumes in *AIP Conference Proceedings* dating back to 1970

980,000+ Articles
Library Resource Center

publishing.aip.org/librarians

AIP Publishing's Library Resource Center is newly re-designed with an intuitive layout that allows easier access to all the tools and resources needed to manage your account.

From publishing.aip.org/librarians, Administrators can:
- View current pricing and licensing policies
- Download promotional, user awareness materials
- Access usage reports
- View the latest Library Matters newsletter
- Link to AIP Publishing’s KBART file and list of AIP Conference Proceedings
- Learn about new products and offers

NEWLY Redesigned Website!

From the Scitation platform which can be accessed from “Manage Your Account”’, Administrators can easily access content and manage account settings in one place. In order to do so, create a profile on www.scitation.org then log on to:
- Manage IP ranges
- View licensed content
- Manage administrator access to the account
- Access usage reports
- View KBART Holdings, and set-up Link Revolver and Shibboleth

**APR Now Accepting Original Research**

*Applied Physics Reviews* is expanding its scope to include original research articles. APR is accepting submissions on important and novel studies of high quality and general interest to the applied physics community. The first research articles will publish in autumn 2019, and authors will have a unique opportunity to publish their work in an established, cutting edge journal. Learn more about APR by visiting [https://aip.scitation.org/journal/are](https://aip.scitation.org/journal/are).

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**Matter and Radiation at Extremes – newly available from AIP Publishing in 2019**

Joining AIP Publishing’s Open Access portfolio, *Matter and Radiation at Extremes (MRE)* is committed to the publication and dissemination of original research and review papers in all areas of experimental and theoretical physics on matter and radiation at extremes. Published on behalf of the China Academy of Engineering Physics (CAEP).

To learn more about Matter and Radiation at Extremes, visit [mre.aip.org](http://mre.aip.org).

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**AVS Quantum Science – new from AIP Publishing in 2019**

AVS and AIP Publishing are launching a new review journal: *AVS Quantum Science*. Available online only in October 2019, *AVS Quantum Science* will cover many aspects of quantum science and technology including experimental and theoretical advances across physics, chemistry, biology, materials science, optics, and electronics.

For more information about *AVS Quantum Science* visit [https://products.aip.org/aqs/](https://products.aip.org/aqs/).

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**Journal of the Physical Society of Japan – available through AIP Publishing in 2019**

As of January 2019, the *Journal of the Physical Society of Japan (JPSJ)* will be available through AIP Publishing. JPSJ is a flagship journal of The Physical Society of Japan (JPS) and has been publishing important research results in all fields of physics, from condensed matter physics to particle physics, since 1946.

Monthly issues will remain available through The Physical Society of Japan’s online platform and accessible at [journals.jps.jp/journal/jpsj](http://journals.jps.jp/journal/jpsj).
**The Niels Bohr Library & Archives – Addition of the Wenner Collection**

Building upon the world-renowned Niels Bohr Library & Archives, the Wenner Collection of rare books and manuscripts arrived at AIP Publishing’s parent organization, the American Institute of Physics in College Park, MD, in May 2018. This rare book collection contains the most important discoveries in the physical sciences over the past four centuries and consists of 3,800 volumes that were curated over the past 25 years by David Wenner. Topics in the collection include classical mechanics, electricity and magnetism, thermodynamics, condensed matter physics, astrophysics, cosmology and particle physics. The collection includes works by Galilei Galileo, Isaac Newton, Max Planck, Marie Curie, and Maria Goeppert-Mayer, and is now available for public viewing.

To learn more about the Wenner Collection, visit https://www.aip.org/physics-heritage-and-promise.

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**Industry Initiatives and Partnerships**

AIP Publishing participates in numerous industry initiatives and partnerships that support and safeguard the flow of scholarly content to the science community.
AIP Advances is an open access, multidisciplinary journal covering all areas of the physical sciences—experimental, theoretical, and applied. The inclusive scope and publication standards of AIP Advances make it an essential outlet for scientists across the physical sciences. All articles are published under the Creative Commons License (CC-BY) and are immediately freely available to read, download, and share.

Coverage:
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Journal Impact Factor: 1.653*
2019: Volume 9, 12 issues
(online only)
E-ISSN: 2158-3226
aip.scitation.org/journal/adv

AIP Conference Proceedings contain over 100,000 articles published in more than 2,000 proceedings since its inception in 1970. Each year approximately 100 new volumes (some 10,000 papers) are added to this substantial body of scientific literature. Published conference proceedings are valuable as topical status reports providing quick access to information before it appears in the traditional journal literature. From the early career researcher to the Nobel Prize winning scientist, AIP Conference Proceedings is an essential platform to facilitate communication and advances within the scientific research community.

Coverage:
All areas of physical sciences in applied, theoretical, and experimental research

ISSN: 0094-243X
E-ISSN: 1551-7616
aip.scitation.org/journal/apc

APL Bioengineering publishes high-impact articles specific to the understanding and advancement of physics and engineering of biological systems. APL Bioengineering is an open access journal that serves bioengineering and biomedical research communities by publishing original research articles, reviews, and perspectives.

Coverage:
All areas of bioengineering including: biomechanics; biomedical instrumentation and imaging; biomicrodevices; biomimetic materials; biophotonics; biophysics; biosensors; cell and tissue engineering; drug delivery and gene therapy; engineered living systems; genome engineering; neuroengineering; soft robotics; stem cell engineering; systems biology and computational biology

Editor-in-Chief:
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Brisbane, Australia

Indexed in Web of Science and Pubmed;
2019: Volume 3, 4 issues
(online only)
E-ISSN: 2473-2877
aip.scitation.org/journal/apb/

APL Materials is an open access journal that features original research on significant topical issues within the field of materials science. The journal also publishes perspectives, research updates, and special topic collections on emerging areas in materials science.

Coverage:
All areas of materials science including: nanomaterials and nanostructures; electronic, magnetic and optical materials; organic materials; polymers; biomaterials; energy and environment materials; carbon and amorphous materials; general functional materials

Editor-in-Chief:
Judith L. MacManus-Driscoll
University of Cambridge
Cambridge, UK

Journal Impact Factor: 4.127*
2019: Volume 7, 12 issues
(online only)
E-ISSN: 2166-532X
aip.scitation.org/journal/apm

*A 2017 Journal Citation Reports® (Clarivate Analytics, 2018)
**APL Photonics** is the dedicated home for open access multidisciplinary research from and for the photonics community. The journal publishes fundamental and applied results that significantly advance the knowledge in photonics across physics, chemistry, biology, and materials science. It welcomes high-quality original contributions to the science of light and the technology that generates, controls, and detects photons.

**Coverage:**
Light sources; nonlinear optics; optoelectronics; nanophotonics; plasmonics; biophotonics and biomedical optics; ultrafast photonics; optical communications; quantum photonics; optical imaging; photovoltaics; guided wave optics; sensors; terahertz

**Editor-in-Chief:**
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Indexed in Web of Science;
Journal Impact Factor forthcoming 2019: Volume 4, 12 issues
(online only)
E-ISSN: 2378-0967
aip.scitation.org/journal/app

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**American Journal of Physics** is the archival journal of the American Association of Physics Teachers. The journal is devoted to the instructional and cultural aspects of physical science. Geared toward teaching at the college level, content covers novel approaches to laboratory and classroom instruction, insightful articles on topics in classical and modern physics, apparatus notes, historical and cultural topics, and book reviews.

**Coverage:**
Physics topics taught at the undergraduate and graduate level; current research in physics and related areas; suggestions for instructional laboratory equipment; demonstrations and teaching methodologies; information on historical, philosophical, and cultural aspects of physics; annotated lists of resources; book reviews

**Editor:**
Richard Price
Massachusetts Institute of Technology, Cambridge, MA, USA

Journal Impact Factor: 1.034*
2019: Volume 87, 12 issues per year
ISSN: 0002-9505
E-ISSN: 1943-2909
aip.scitation.org/journal/jap

Published on behalf of:
American Institute of Physics

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**Applied Physics Letters** emphasizes rapid dissemination of key data and new physical insights, offering prompt publication of new experimental and theoretical papers related to applications of physics phenomena in all branches of science, engineering, and modern technology.

**Coverage:**
Photonics and optoelectronics; surfaces and interfaces; structural, mechanical, optical, and thermodynamic properties of advanced materials; semiconductors; magnetics and spintronics; superconductivity and superconducting electronics; dielectrics, ferroelectrics, and multiferroics; nanoscale science and technology; organic electronics and photonics; device physics; biophysics and bio-inspired systems; energy conversion and storage; interdisciplinary and general physics

**Editor-in-Chief:**
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Journal Impact Factor: 3.495*
2019: Volumes 114 & 115, 52 issues
ISSN: 0003-6951
E-ISSN: 1077-3118
aip.scitation.org/journal/apl

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**Applied Physics Reviews** features significant research and reviews covering all areas of applied physics. The journal's focus is on experimental and theoretical research alongside the application of physics to other branches of science and engineering. Review articles published in the journal provide in-depth coverage of new and emerging areas of interest to researchers interested in the physical sciences.

**Coverage:**
Photonics, lasers, optics, and optoelectronics; device physics, characterization, and manufacturing; materials synthesis, processing, and properties; nanoscale science and technology; advanced energy materials and concepts; applied biophysics and biomaterials

**Executive Editor:**
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AIP Publishing

Editors-in-Chief:
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John M. Poate
Colorado School of Mines, Golden, CO, USA

Journal Impact Factor: 12.894*
2019: Volume 6, 4 issues
(online only)
E-ISSN: 1077-3118
aip.scitation.org/journal/apr

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**New in 2019:**
Accepting Original Research

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*2017 Journal Citation Reports* (Clarivate Analytics, 2018)
AVS Quantum Science, in partnership with AVS, will be a leading interdisciplinary journal, reaching into a breadth of research areas, from Condensed Matter, Atomic, Molecular, and Optical, to Biology, Chemistry, and Materials Science, to Computer Science and Engineering, all through the foundations of quantum science and the related research that drive an array of applications and industries.

**Coverage:**
Quantum Engineering, Quantum Materials, Quantum Photonics, Quantum Biology, Quantum Chemistry, Quantum Communication, Quantum Sensing and Metrology, Quantum measurement technology, Atoms and Molecules in quantum devices, Superfluid and superconductors in quantum devices, Quantum computers and software, Materials and methods for quantum devices, Macroscopic and hybrid quantum systems

2019: Volume 1, 6 issues

Published on behalf of:

Biointerphases is an interdisciplinary, peer-reviewed journal featuring all aspects of quantitative soft matter interfaces: chemistry, physics, engineering, theory, and modeling.

**Coverage:**
Interface spectroscopy; in vivo and in vitro mechanisms; interface modeling; adhesion phenomena; protein-surface interactions; biomembranes on a chip; biofouling; cell-surface interactions; biosensors / biodiagnostics; bio-surface modification; the nano-bio interface; biotribology / bioregulation; molecular recognition; cell patterning for function; polyelectrolyte surfaces; ambient diagnostic methods

**Editor-in-Chief:**
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Swinburne University of Technology
Melbourne, Australia

**Journal Impact Factor:** 2.455*
2019: Volume 14, 6 issues
ISSN: 1934-8630
E-ISSN: 1559-4106
avscitation.org/journal/bip

Published on behalf of:

Biomicrofluidics publishes research highlighting fundamental physicochemical mechanisms associated with microfluidic and nanofluidic phenomena as well as novel microfluidic and nanofluidic techniques for diagnostic, medical, biological, pharmaceutical, environmental, and chemical applications.

**Coverage:**
Microfluidic and nanofluidic actuation; liquid biopsy; cell sorting, manipulation, and transfection; molecular separation and concentration; cell culture and analysis; genomic and proteomic analysis; biosensors; biophysical transport and characterization; wetting, nano-rheology, and droplet platforms; pathogen detection and point-of-care diagnostics; ionophore sensors; biochip fabrication and manufacturing; drug delivery and discovery platforms; biomaterials synthesis and tissue engineering; fuel and solar cells

**Editor-in-Chief:**
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RMIT University
Melbourne, Australia

**Journal Impact Factor:** 2.571*
2019: Volume 13, 6 issues (online only)
ISSN: 1932-1058
E-ISSN: 1932-1058
avscitation.org/journal/bmf

Chaos is devoted to increasing the understanding of nonlinear phenomena and describing the manifestations in a manner comprehensible to researchers from a broad spectrum of disciplines.

**Coverage:**
Nonlinear phenomena; network structure and dynamics; experimental nonlinear dynamics; neural networks; cardiac dynamics; solitons; synchronization; pattern formation; turbulence

**Editor-in-Chief:**
Jürgen Kurths
Potsdam Institute for Climate Impact Research
Potsdam, Germany

**Journal Impact Factor:** 2.415*
2019: Volume 29, 4 print issues (12 monthly online issues)
ISSN: 1054-1500
E-ISSN: 1089-7682
avscitation.org/journal/cha
Chinese Journal of Chemical Physics is devoted to reporting new and original experimental and theoretical research in interdisciplinary areas at the interface of chemistry and physics. It aims to provide comprehensive understanding of physical and chemical properties of different systems at atomic and molecular levels.

**Coverage:**
Chemical physics as it applies to chemistry, physics, material and biological sciences, and their interdisciplinary areas.

**Editor-in-Chief:**
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Dalian Institute of Chemical Physics
Dalian, China

**Journal Impact Factor:** 0.586*
2019: Volume 32, 6 issues
ISSN: 1674-0068
E-ISSN: 2327-2244

Published on behalf of:

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Journal of Applied Physics is an influential international journal publishing significant new experimental and theoretical results of applied physics research. The journal also publishes perspectives, tutorials, and special collections focusing on research of particular current or emerging interest.

**Coverage:**
Applied biophysics; dielectrics, ferroelectrics & multiferroics; electrical discharges, plasmas, and plasma-surface interactions; emerging, interdisciplinary, and other fields of applied physics; magnetism, spintronics, and superconductivity; organic-inorganic systems; including organic electronics; photonics, plasmonics, photovoltaics; lasers, optical materials, and phenomena; physics of devices and sensors; physics of materials, including electrical, thermal, mechanical, and other properties; physics of matter under extreme conditions; physics of nanoscale, mesoscale, and low-dimensional systems; physics of semiconductors; thin films, interfaces, and surfaces.

**Editor-in-Chief:**
André Anders
Leibniz Institute of Surface Modification (IOM), Leipzig, Germany

**Journal Impact Factor:** 2.176*
2019: Volumes 125 & 126, 48 issues
ISSN: 0021-8979
E-ISSN: 1089-7550

Published on behalf of:

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The Journal of the Acoustical Society of America is the leading source of theoretical and experimental research results in the broad interdisciplinary subject of sound. The journal serves physical scientists, life scientists, engineers, psychologists, physiologists, architects, musicians, and speech communication specialists. JASA Express Letters, a component of JASA, is devoted to providing rapid and open dissemination of important new research results and technical discussion in all fields of acoustics.

**Coverage:**
Linear and nonlinear acoustics; aeroacoustics, underwater sound and acoustical oceanography; ultrasonics and physical acoustics; architectural and structural acoustics and vibration; speech, music and noise; psychology and physiology of hearing; engineering acoustics; sound transducers and measurements; bioacoustics, animal bioacoustics and bioreponse to vibration; acoustic signal processing; computational acoustics; acoustics education

**Editor-in-Chief:**
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Woods Hole Oceanographic Institution
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**Journal Impact Factor:** 2.843*
2019: Volumes 150 & 151, 48 issues
ISSN: 0021-9606
E-ISSN: 1089-7690

Published on behalf of:

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The Journal of Chemical Physics is an international journal that publishes cutting edge research in all areas of modern physical chemistry and chemical physics. The Journal also publishes brief Communications of significant new findings, Perspectives on the latest advances in the field, and Special Topics.

**Coverage:**
Innovative research in experimental and theoretical areas of chemical physics including spectroscopy, dynamics, kinetics, statistical mechanics, quantum mechanics, polymers, soft matter, materials, surfaces/interfaces, and biological systems.

**Editor-in-Chief:**
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Emory University
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**Journal Impact Factor:** 2.622*
2019: Volumes 150 & 151, 48 issues
ISSN: 0021-9606
E-ISSN: 1089-7690

Published on behalf of:

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The world's most comprehensive collection of applied physics research

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*2017 Journal Citation Reports® (Clarivate Analytics, 2018)
Newly available from AIP Publishing in 2019

Journal of Laser Applications covers a broad range of research from fundamental and applied research & development to industrial applications. The journal presents the latest breakthroughs in laser applications related to photonic production, sensing and measurement, as well as laser safety.

Coverage:
High precision materials processing with ultrafast lasers; laser additive manufacturing; laser systems and markets; spectroscopy / imaging / diagnostics / measurements; high power materials processing with high brightness lasers; emerging applications of laser technologies in high-performance/multi-function materials and structures; surface modification; lasers in nanomanufacturing/ nanophotonics and thin film technology; medical applications and safety

Editor-in-Chief:
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College of Engineering
University of Nebraska - Lincoln
Lincoln, NE, USA

Journal Impact Factor: 1.597*
2019: Volume 31, 4 issues
ISSN: 1042-346X
E-ISSN: 1938-1387
lia.scitation.org/journal/jla
Published on behalf of:

Journal of Mathematical Physics features content in all areas of mathematical physics. Articles focus on areas of research that illustrate the application of mathematics to problems in physics, the development of mathematical methods suitable for such applications, and the formulation of physical theories.

Coverage:
Partial differential equations; many-body and condensed matter physics; quantum information and computation; general relativity and gravitation; classical mechanics and classical fields; statistical physics; representation theory and algebraic methods; quantum mechanics; relativistic quantum mechanics, quantum field theory; quantum gravity and string theory; dynamical systems; fluids; and methods of mathematical physics

Editor-in-Chief:
Jan Philip Solovej
University of Copenhagen
Denmark

Journal Impact Factor: 1.165*
2019: Volume 48, 4 issues
ISSN: 0022-2488
E-ISSN: 1089-7658
jmp.scitation.org/journal/jmp
Published on behalf of:

Journal of Physical and Chemical Reference Data provides critically evaluated physical and chemical property data, fully documented as to the original sources and the criteria used for evaluation, preferably with uncertainty analysis.

Coverage:
Reference data; critical reviews of measurement techniques; critically evaluated physical data; critically evaluated chemical data

Editors-in-Chief:
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Allan H. Harvey
National Institute of Standards and Technology
Boulder, CO, USA

Journal Impact Factor: 3.51*
2019: Volume 48, 4 issues
ISSN: 0047-2689
E-ISSN: 1529-7845
jpr.scitation.org/journal/jpr
Published on behalf of:

Journal of the Physical Society of Japan (JPSJ) is a flagship journal of The Physical Society of Japan and has been publishing important research results in all fields of physics from condensed matter physics to particle physics since 1946.

Coverage:
All of physics, including but not limited to: elementary particles and fields; nuclear physics; atomic and molecular physics; fluid dynamics; plasma physics; physics of condensed matter; metals, superconductors, semiconductors, magnetic materials, and dielectric materials; physics of nanoscale materials; optics and quantum electronics; physics of complex systems; mathematical physics; chemical physics; biophysics; geophysics; astrophysics

Editor-in-Chief:
Kazuo Ueda
The Physical Society of Japan

Journal Impact Factor: 1.485*
2019: Volume 87, 12 issues
ISSN: 0031-9015
E-ISSN: 1347-4073
journals.jps.jp/journal/jpsj
Sold on behalf of:
Journal of Renewable and Sustainable Energy publishes papers with broad, interdisciplinary appeal that make significant contributions to all aspects of renewable and sustainable energy production, transport, storage, efficiency, and use around the globe. JRSE publishes selected special topics such as: Low-Carbon Pathways Toward Decarbonizing Economy in Asia Pacific and Select Papers from the 2016 Photovoltaic Technical Conference.

Coverage:
Renewable energy resource assessment, analysis, and forecasting; solar energy; wind energy; bioenergy; distributed energy generation; power distribution & systems modeling; energy efficient buildings; energy conversion; energy storage; fuel cells; marine and hydroelectric energy; renewable energy economics and policy

Editor-in-Chief:
Carlos F.M. Coimbra
University of California
San Diego, CA, USA

Journal Impact Factor: 1.337*
2019: Volume 11, 6 issues
ISSN: 1941-7012
E-ISSN: 1941-7012
aip.scitation.org/journal/rse/low

*2017 Journal Citation Reports* (Clarivate Analytics, 2018)

The Journal of Rheology is a vital resource for researchers working in fields as diverse as polymer physics and fluid mechanics. It presents experimental results, phenomenological models, and microscopic theories dealing with the rheological behavior of complex materials, including macromolecular, colloidal and particulate solids, and fluids. Application areas include foods, paints, plastics, lubricants, ceramics, coatings, glaciers, and biological fluids.

Coverage:
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*“2017 Journal Citation Reports” (Clarivate Analytics, 2018)
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To learn about the books’ arrival and to watch a video on the plans for activating the collection, visit [aip.org/physics-heritage-promise](http://aip.org/physics-heritage-promise).