

CALIS Meeting CALIS大会

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高级销售经理

AIP Publishing

美国物理联合会

May 2019

2019年5月

Agenda 议题

Today we will cover:

今天我们将介绍：

Corporate Overview

企业概览

- Our portfolio, publishing partnerships, China specific Info & stats, and more
- 我们的产品，出版合作伙伴，有关中国的信息和数据，等等

Journals

期刊

- AIP Publishing Consortia Packages and offerings
- AIP出版社组团包和产品

Websites

网站

- Intro to the redesigned publishing.aip.org website and Scitation.org
- 介绍改版后的publishing.aip.org网站和Scitation.org

Researcher Resources

研究人员资源

- Tools and services available for researchers
- 为研究人员提供的工具和服务

Q&A Session

提问环节

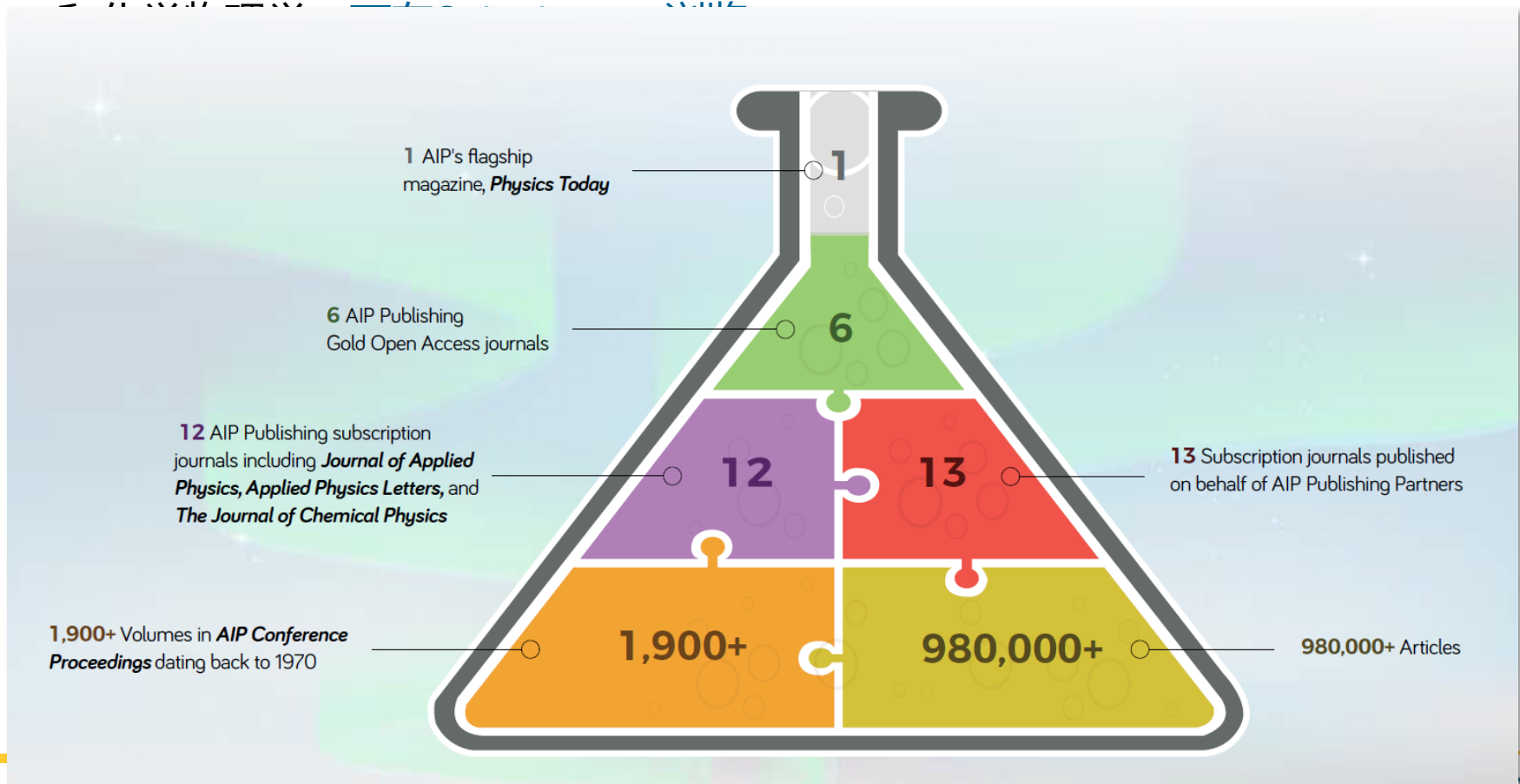
AIP Publishing | Corporate Overview

AIP 出版社 | 企业概览

Portfolio 产品

Covering the breadth of physical science, including applied physics; bioscience; materials science; acoustics; nanoscience; chemical physics. Accessible on Scitation.org

涵盖物理科学的范围，包括应用物理学、生物科学、材料科学、声学、纳米科学



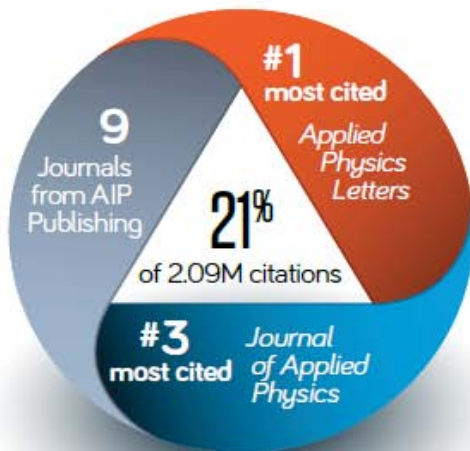
Journals 期刊

The AIP Publishing has some of the most highly-cited journals in the physical sciences. They include:

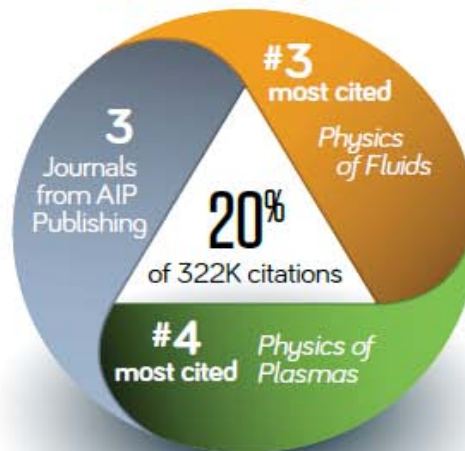
AIP出版社拥有物理学领域引用量最高的期刊，包括：

- *Applied Physics Letters*
- 《应用物理学快报》
- *Physics of Fluids*
- 《流体物理学》
- *The Journal of Chemical Physics*
- 《化学物理学杂志》

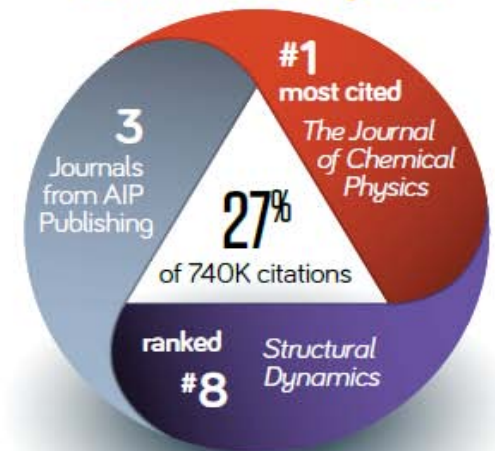
Applied Physics



Fluids & Plasma Physics



Atomic, Molecular & Chemical Physics



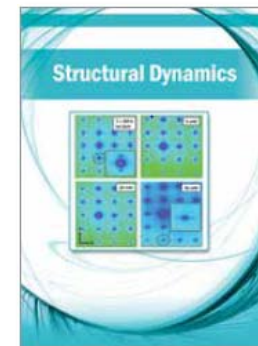
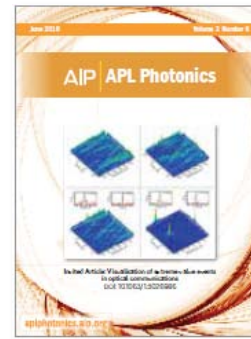
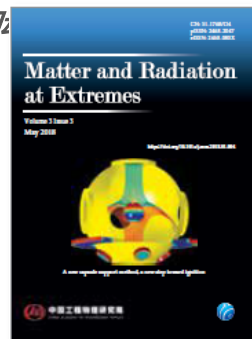
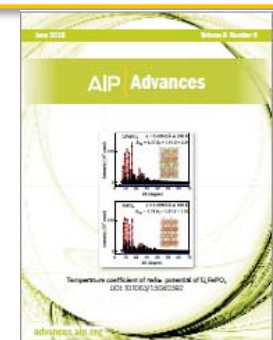
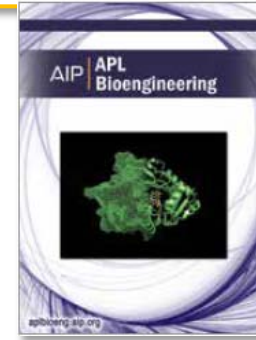
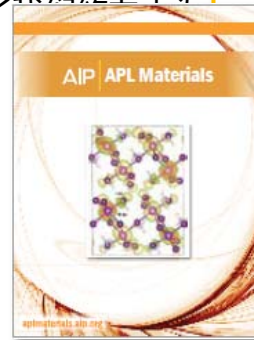
Open Access Journals 开放获取期刊

AIP Publishing has a growing portfolio of gold open access titles that reflect our commitment to providing high quality open access choices for researchers in the physical sciences.

AIP出版社拥有越来越多的金色开放获取期刊，反映了我们为物理科学研究提供高质量开放获取选择的承诺。

- *AIP Advances* 《AIP进展》
- *APL Bioengineering* 《APL生物工程学》
- *APL Materials* 《APL材料学》
- *APL Photonics* 《APL光子学》
- *Matter and Radiation at Extremes* 《极端条件下的物质与辐射》
- *Structural Dynamics* 《结构

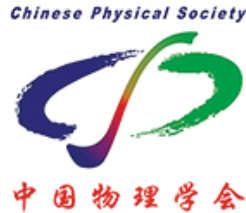
18% of our content is already published open access, and even more of our content is freely accessible
我们**18%**的内容已经被发表为开放获取，甚至更多的内容是免费访问的。



Society Partnerships 合作学会

We are a society publisher and proudly support the publishing missions of many of the most respected professional societies across the physical sciences.

我们是一家学会出版社，并自豪地支持许多最受尊敬的物理科学专业学会的出版使命。



Industry Leadership 行业领导力

- Provides a persistent digital identifier that distinguishes researchers and support automated linkages between researchers and their professional activities. AIP Publishing is a start-up support of this initiative
- ORCID：提供区分研究人员的永久数字标识符，并支持研究人员和他们的专业活动之间的自动连接。AIP 出版社是该计划的自动支持者

ORCID

Connecting Research
and Researchers

What's New 2019 2019年新刊



New for 2019!

2019新刊!

- A flagship journal of The Physical Society of Japan (JPS) publishing important research results in all fields of physics since 1946
- 日本物理学会的旗舰刊，自1946年以来发表物理学各个领域的重要研究成果
- Published in partnership with The Physical Society of Japan
- 与日本物理学会合作出版社



Learn more about *JPSJ* today at: journals.jps.jp/journal/jpsj

了解更多关于《日本物理学会会志》的信息：journals.jps.jp/journal/jpsj

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开放获取新刊现已出版!

A peer-reviewed journal that is published on behalf of the **China Academy of Engineering Physics (CAEP)**

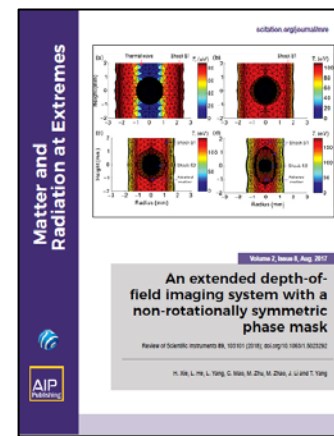
代表**中国工程物理研究院 (CAEP)** 出版的同行评审期刊

Covered topics include:

涵盖主题包括:

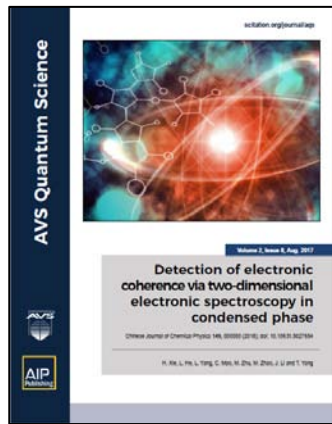
- Fundamental physics at extremes 极端条件下的基础物理学
- Laser and particle beam fusion 激光与粒子束融合
- Magnetic driven fusion 磁驱动融合
- Pulsed power technology and high-power electromagnetics 脉冲功率技术和大功率电磁学
- High pressure physics and materials science 高压物理学与材料科学

aip.scitation.org/journal/mre



What's New 2019

2019年新刊



Coming in October 2019

2019年10月出版

- *NEW* online interdisciplinary journal
- 新的在线跨学科期刊
- Focuses on the study of measurement, from the smallest possible value of physical property to largest value and connects the sub-atomic, atomic, and nanoscale research
- 专注于测量的研究，从物理性质的最小可能值到最大值，并连接亚原子、原子和纳米级的研究
- Available for Subscription in 2020
- 将于2020年接受订阅

Learn more by visiting

aip.scitation.org/journal/AQS

更多信息请访问 aip.scitation.org/journal/AQS



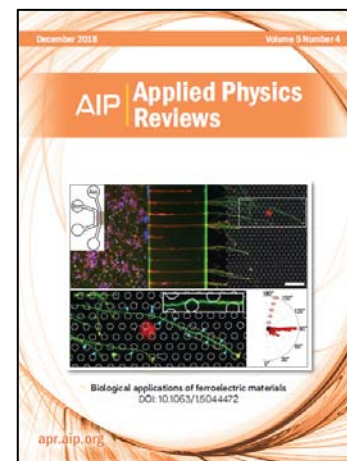
Now accepting original research in 2019

现在接受2019年原创研究投稿

Authors will have a unique opportunity to publish their work in an established, cutting edge reviews journal. **APR** focuses on:

作者有机会在完善的、前沿评论期刊——《应用物理学评论》上发表其文章。本刊专注于：

- Rapid dissemination of key data and new physical insights offering prompt publication of new experimental and theoretical papers in all areas of science, engineering and modern technology
- 快速传播关键数据和新的物理见解，在科学、工程和现代技术的所有领域迅速发表新的实验和理论论文



The first research articles will publish in Sept/ Oct 2019

publishing.aip.org

Proprietary & Confidential (AIP Publishing)

第一期研究文章将于2019年9/10月出版

Learn more by visiting



Coming in 2020 2020年新变化

AIP Books—Providing researchers, scientists, and professionals access to a series of books that will help them maintain proficiency in their areas of expertise, attain knowledge about new subjects and topics, or learn new techniques for data collection and analytics.

AIP图书——为研究人员、科学家和专业人士提供一系列图书，帮助他们保持专业领域的熟练程度，获得关于新学科和主题的知识，或学习数据收集和分析的新技术。

Available for purchase end of 2019

Subjects Covered 可在2019年年底购买

学科涵盖

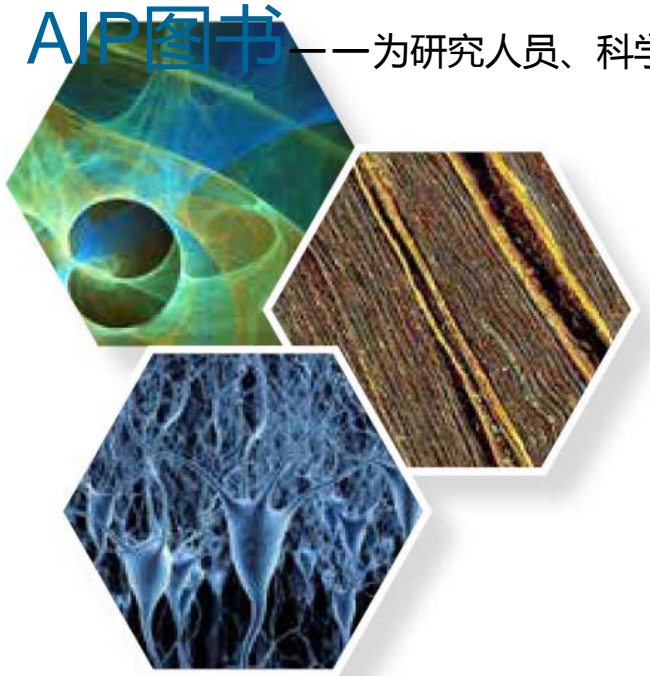
Materials Science | Biophysics and Engineering
Optics and Photonics | Applied Physics Engineering
Condensed Matter | Mathematical and Theoretical
Physics Chemical Physics | Nanotechnology

材料科学|生物物理学与工程学

光学与光子学|应用物理工程学

凝聚态物理|数学与理论物理学

化学物理学|纳米技术



AIP Publishing | Our Customers

AIP 出版社 | 我们的客户

Who's our customer? 谁是我们的客户？

Institutional subscribers may:
可能是具备以下条件的机构订户：

- Have a physics and/or physical science focus
▪ 关注物理学和/或物理科学
- Conduct relevant research in the physical sciences
▪ 进行物理科学方面的相关研究
- Have received a recent grant and are looking to conduct research in the physical sciences
▪ 最近获得了一笔资助，并打算在物理科学领域进行研究



Asia—Stats & Figures

亚洲——统计数据 and 图表

- **18%** usage in 2018 from **China**
- **2018年18%**的使用量来自**中国**

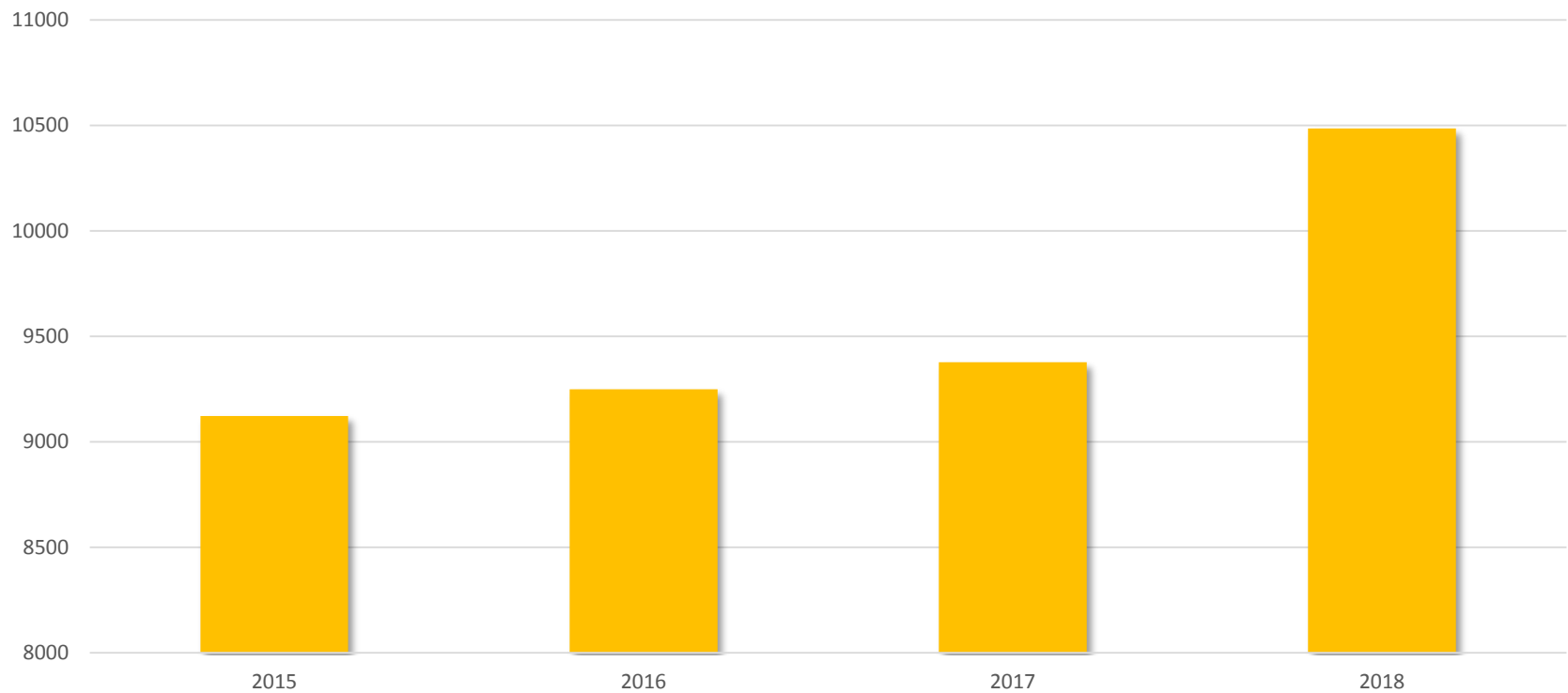
- **7+%** subscription revenue from **China**
- **7+%**的订阅收入来自**中国**



China—Stats & Figures

中国——统计数据 and 图表

Article Submissions from China
来自中国的投稿



China—Stats & Figures

中国——统计数据 and 图表

Articles Published in 2018 from Universities in China 2018年发表的来自中国高校的文章

Top Ten Contributing Institutions 发稿量前十的机构

Chinese Academy of Sciences
中国科学院
Xi'an Jiaotong University
西安交通大学
University of Science & Technology of China
中国科技大学
Nanjing University
南京大学
Huazhong University of Science & Technology
华中科技大学
Harbin Institute of Technology
哈尔滨工业大学
Zhejiang University
浙江大学
University of Electronic Science & Technology of
China

32% (approx.)
of submissions came
from China
约32%的稿件来自中国

of which **24%**
were published
其中**24%**的文章发表了

AIP Publishing | Product Packages

AIP 出版社 | 产品包

AIP Consortia Package

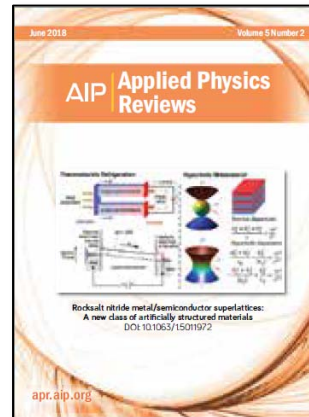
AIP组团包

Titles Include:

期刊包括：

- *AIP Conference Proceedings*
- *Applied Physics Letters*
- *Biomicrofluidics*
- *Chaos*
- *Journal of Applied Physics*
- *The Journal of Chemical Physics*
- *Journal of Laser Applications*
- *Journal of Mathematical Physics*
- *Journal of Physical and Chemical Reference Data*
- *Journal of Renewable and Sustainable Energy*
- *Low Temperature Physics*
- *Physics of Fluids*
- *Physics of Plasmas*
- *Physics Today*
- *Review of Scientific Instruments*
- *Applied Physics Reviews**

- Added in 2019
- 2019年新加入期刊



AIP Publishing Partner Title Package (Scitation Collection)

AIP出版合作伙伴期刊包 (Scitation 期刊包)

Includes:
包括：

- *American Journal of Physics*
《美国物理学杂志》
- *AVS: Biointerphases*
《AVS：生物界面》
- *JVSTA: Vacuum, Surfaces and Films*
《JVSTA：真空、表面和薄膜》
- *JVSTB: Nanotechnology and Microelectronics*
《JVSTB：纳米技术和微电子技术》
- *Surface Science Spectra*
《表面科学光谱》
- *Journal of Rheology*
《流变学杂志》
- *Journal of the Acoustical Society of America*
《美国声学学会期刊》
- *The Physics Teacher*
《物理老师》



AIP Publishing | Publishing.aip.org & Scitation.org

AIP 出版社 | Publishing.aip.org & Scitation.org

publishing.aip.org

We've grouped our content for easy access and a streamlined experience

我们对内容进行了分组，以便于访问和简化体验

Know what you are looking for?

Navigate directly to some of our most accessed tools and resources

知道您在找什么吗？
直接导航到我们最常用的工具和资源

The screenshot shows the AIP Publishing website homepage. At the top, there is a navigation bar with the AIP Publishing logo and tagline "Your Window to Possible". The main header features the text "BUILDING CONNECTIONS ACROSS THE PHYSICAL SCIENCES" over a background image of a waterfall. Below this, there are two buttons: "RESEARCHER RESOURCES" and "LIBRARIAN RESOURCES". The main content area is divided into three columns: "How to Submit" (with a search icon), "AIP Academy" (with a graduation cap icon), "Meet the Editor" (with a person icon), and "Join Our Team" (with a group icon). Each column has a brief description and a "LEARN MORE" or "VIEW OPENINGS" link. At the bottom, there is a footer with the text "AIP Publishing delivers research and tools to accelerate scientific discovery. Explore our resources for researchers, librarians, corporations, publishing partners."

Link to other websites including **AIP China** and **Scitation.org**
链接到其他网站，包括 **AIP中国**和**Scitation.org**

Find general information, career information, news, and events
查找一般信息、招聘信息、新闻和事件

Link to information on our publishing partners, commercial partners, and more
链接到我们的出版合作伙伴、商业合作伙伴等的相关信息

Find lists of our Journals and links to other publications and the latest content
找到我们的期刊列表和其他出版物和最新内容的链接

Librarian Resources 图书馆员资源

From the

homepage the Librarian or admin can access everything needed to manage subscriptions
图书管理员或管理员可以从这个主页面访问管理订阅所需的一切

Link directly to the Scitation.org login page to easily manage access and permissions
直接链接到Scitation.org 登录页面，轻松管理访问和权限

LIBRARIAN RESOURCES

Featured

Tools

Licensing

Products

Library Matters Newsletter

Manage Your Account

Sign Up for Library Matters

Contact Us

Featured Resources for Librarians

AIP Publishing connects scientists around the world to findings with the potential to support new discoveries, maintaining a tradition of ideas to guide researchers into the future of the physical sciences.

We make it easy for libraries to manage accounts, collections, and budgets, and to ensure that researchers have access to transformational research in the physical sciences.

Manage your Account
Everything you need to manage your account and maximize user awareness.
[LEARN MORE](#)

2019 Product Guide
Browse our full catalog of products and services.
[DOWNLOAD](#)

AIP Complete
Our most comprehensive package gives your researchers the broadest access.
[GET STARTED](#)

Upcoming Events
We want to learn more about you too! Join us at one of the conferences we're attending this year.
[LET'S MEET UP](#)

The AIP Publishing Sales and Marketing teams are only a click away and are here to support you
只需要点击一下，
AIP出版社销售和营销团队就在这里支持您

Tools and resources available to promote access to users.
Also learn What's New at AIP Publishing and more
可用于促进用户访问的工具和资源。同时了解AIP出版社的新变化和更多信息

Help plan meeting schedules and where to find AIP Publishing on the road
帮助计划会议时间表，在哪些会议中可以找到AIP出版社

Researcher Resources 研究人员资源

Links to best practices for researchers looking to publish with AIP Publishing
链接到希望在AIP发表文章的研究人员的最佳实践

Quick links to article submission
快速链接到投稿

Explore AIP Author Services. Learn how we can help ready articles for submission
探索AIP作者服务。了解我们如何帮助投稿

RESEARCHER RESOURCES

Featured Resources for Researchers

AIP Publishing exists to connect researchers to a legacy of foundational discoveries and new ideas, and to a community of peers and institutions around the world - some existing, and many new - who want to see your research.

As your publisher, our goal is to expand the impact of your research now and into the future. Our resources and programs can help you produce stronger and clearer content, reach more influential readers, and ensure that your work is discoverable by anyone who needs it.

- Upcoming Events**
- Open Science at AIP Publishing**
Did you know we have 6 gold OA journals? Learn more about our open access options for authors.
[LEARN MORE](#)
- Meet the Editor**
Our journal editors are traveling around the world this year. Stop by to say hello.
[LEARN MORE](#)
- Improve your written English**
AIP Author Services provides language editing services by subject matter experts.
[GET STARTED](#)
- Building your brand**
Advice from AIP Publishing Academy on how to get your work seen and read.
[EXPLORE](#)
- How can I share it?**
AIP Publishing's guidelines for responsible social sharing.
[LEARN MORE](#)

Researchers can plan to meet our editors at meetings and make the most of their time at conferences
研究人员可以计划在会议上会见我们的编辑，并充分利用他们在会议上的时间

Explore AIP Publishing policy and mission statements and our Open Access journals
探索AIP出版社政策和使命声明以及我们的开放获取期刊

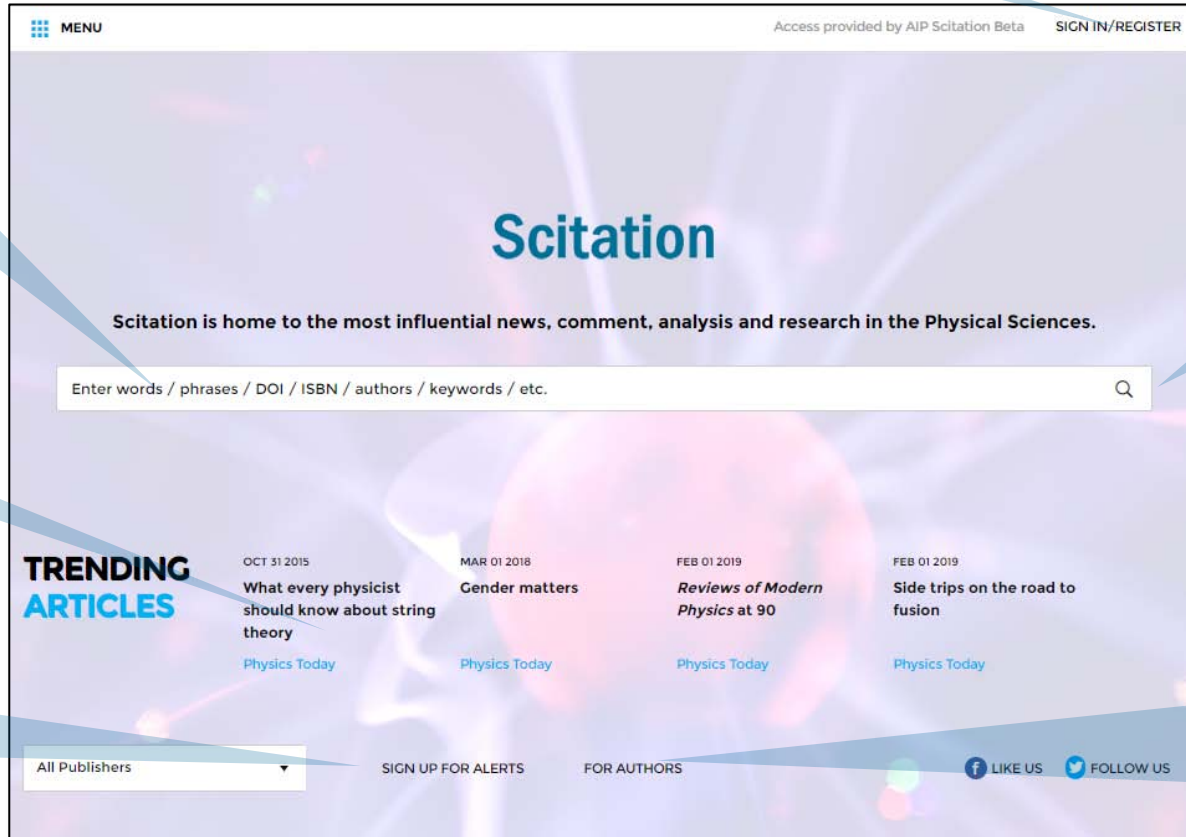
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Search the Scitation.org platform by keyword, phrase, DOI, ISBN, author name, etc.
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To perform and advanced search, click the magnifying glass and the 'advanced search' box will appear.
Note: The 'search tips' that appear in the right column are very useful when seeking to obtain tailored search results

要进行高级搜索，单击放大镜，将出现“高级搜索”框。**注：**当您试图获得定制搜索结果时，出现在右栏中的“搜索提示”非常有用，

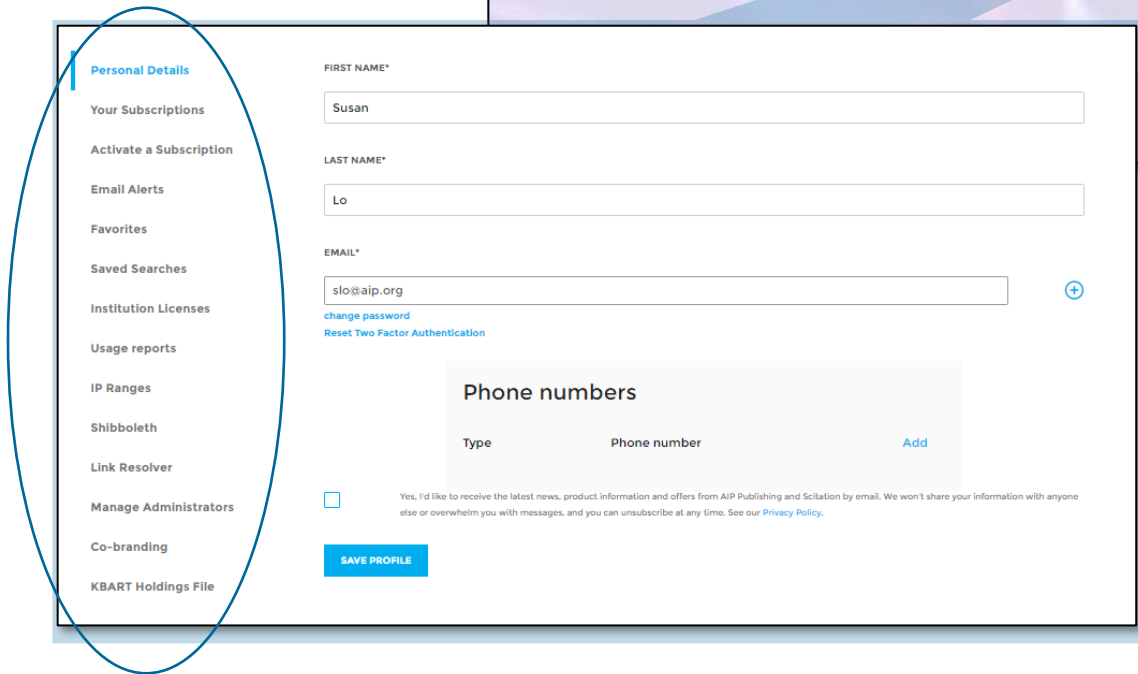
For Authors—access the Author Resources Center for information on manuscript submission, publishing, available services, and more

对于作者——访问作者资源中心，了解关于稿件提交、出版、可用服务等方面的信息

Scitation.org

Sign-in to as an Admin to manage your institution's access, IP Ranges, and much more.

作为管理员登录，管理您的机构的访问、IP范围和其他。



Access COUNTER 5 compliant usage reports

访问COUNTER 5 使用量报告

- Usage statistics released prior to January 2019 will remain available online within the COUNTER 4 standard until it is upgraded to meet COUNTER 5
- 2019年1月之前发布的使用统计数据为COUNTER 4标准，将保持在线直到升级为COUNTER 5 为止

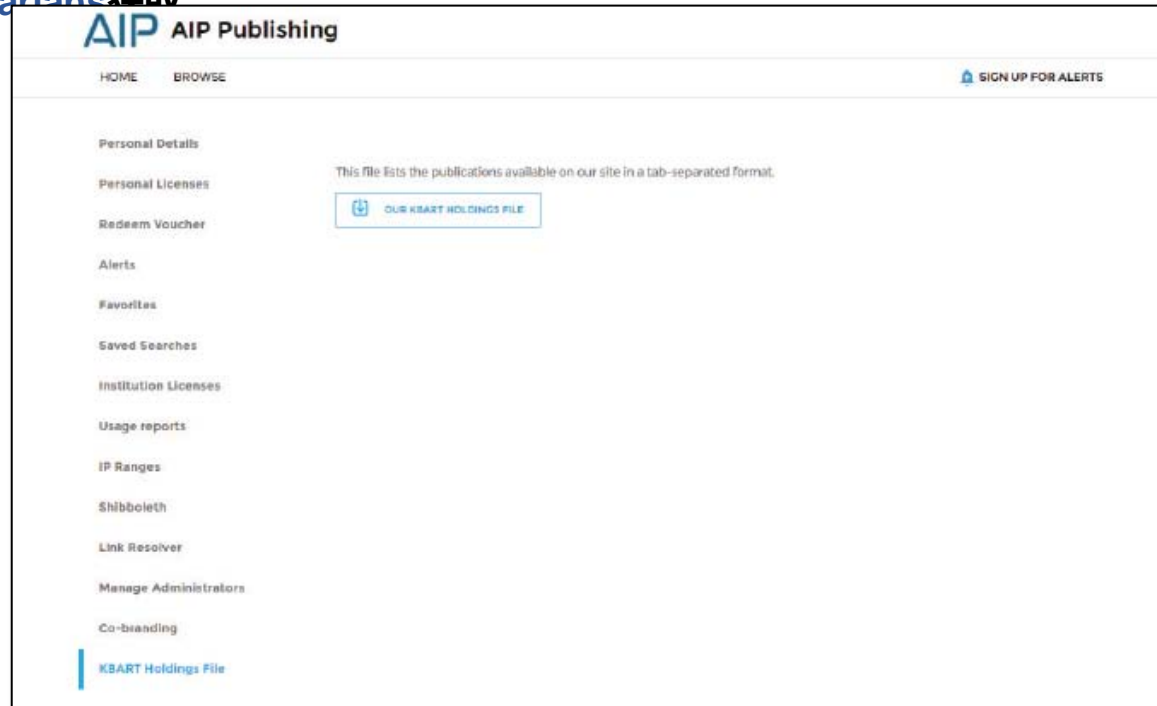
Journal Report 1	Journal Requests Excluding "OA_Gold" (TR_J1)
Journal Report 1a	Journal Requests by YOP (Excluding "OA_Gold") (TR_J4)
Journal Report GOA	Title Master Report (TR) <i>-filter by access type "OA_Gold" and metric type = "total_item_requests"</i>
Journal Report 2	Journal Access Denied (TR_J2)
Journal Report 3	Journal Usage by Access Type (TR_J3)
Journal Report 5	Journal requests by YOP (Excluding "OA_Gold") (TR_JR)
Platform Report 1	Platform Usage (PR-P1)

The screenshot shows a user interface for Scitation.org. At the top, there is a navigation bar with 'MENU', 'Access provided by LV Sales Demo Account', 'Welcome, Susan Lo', 'SEARCH', and 'CITATION SEARCH'. The main content area is divided into two columns. The left column contains a sidebar menu with items: Personal Details, Your Subscriptions, Activate a Subscription, Email Alerts, Favorites, Saved Searches, Institution Licenses, Usage reports (highlighted), IP Ranges, Shibboleth, Link Resolver, Manage Administrators, Co-branding, and KBART Holdings File. The right column displays 'Sales Demo Account' and 'COUNTER5 Reports'. Under 'COUNTER5 Reports', there is a 'GO TO ATYPON INSIGHTS' button and a request URL: 'Our COUNTER 5 SUSHI Request URL*: https://aip.scitation.org/reports/{REPORT-ID}?requestor_id=slo@aip.org&customer_id=00001274221&[REPORT-OPTIONS]'. Below this, it says 'Your Requestor ID: slo@aip.org' and 'Your CustomerReference ID: 00001274221'. A note states: '* The request URL must be modified by providing a valid [REPORT-ID] value and any required [REPORT-OPTIONS] for the report being requested.' Below this is the 'COUNTER 4 Reports' section, which shows 'Our SUSHI request URL is: https://www.scitation.org/api/soap/analytics/SushiService', 'Your Requestor ID is: slo@aip.org', and 'Your CustomerReference ID is: 00001274221'. At the bottom of the right column, there is an 'EMAIL NOTIFICATIONS' section with a checked box for 'E-mail when COUNTER usage data for the current month has been processed and is ready for reporting.' and an 'UPDATE SETTINGS' button. Below that is a 'DELIVERY:' section with '1. SELECT RANGE:' and a 'Select year:' dropdown menu currently set to '2019'.

Scitation.org

KBART LIST KBART列表

- For a complete KBART list, download the .txt file and open it in .xls format. It is also accessible from publishing.aip.org/librarians
- 下载.txt文件，然后用.xls格式打开，就能得到完整的KBART列表。还可从 publishing.aip.org/librarians 获取



AIP Publishing | Researcher Resources

AIP 出版社 | 研究人员资源

AIP Author Services | aipauthorservices.cn

AIP 作者服务 | aipauthorservices.cn

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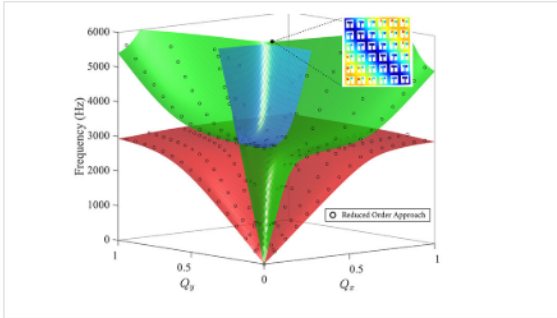
Simple and fast determination of band structure and level repulsion in a mixed-mode metamaterial

Louisa Cockbill

Advanced treatment of a reduced order model is shown to agree well with numerical results in a complex mixed-mode resonator array.

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Acoustic metamaterials are designed to manipulate sound waves for applications such as military acoustic cloaking and sound insulation. To apply metamaterials, properties derived from the band structure have to be understood. Discrete order models can predict the band structure of longitudinal or shear wave branches, but in mixed-mode metamaterials this is more challenging. A team of mechanical engineers have developed a rigorous analysis of level repulsion within a mixed-mode resonator array, which can be applied to other metamaterials with similar unit cell structure.

Amirkhizi et al. designed an easily 3D printable mixed-mode metamaterial unit cell that includes a T-shaped cantilever beam resonator and hollow frame as the cell. The team then used the finite element method to calculate the mixed longitudinal and shear wave branches at very low frequency, and produced dispersion diagrams and mode shapes. They used a novel reduced order analytical treatment to discretize the repeating unit cell into a small number of structural elements and degrees of freedom based on physical expectations.

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