



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ

Библиотека

AIP PUBLISHING

Издания ведущего издательства в области физических наук American Institute of Physics (AIP)

Москва, 2021

AIP PUBLISHING

- Американский институт физики (American Institute of Physics) – один из крупнейших издателей научной информации по физике и смежным специальностям: общая физика, атомная физика, прикладная физика, химическая физика, физика жидкостей, физика плазмы.
- База данных, содержит полнотекстовые журналы AIP Publishing в области прикладной физики, биологии, химической физики, энергетики, материаловедении, нанонауки и фотоники.
- Авторитетность журналов подтверждается включением большинства из них в Web of Science и высокими значениями импакт-факторов в Journal Citation Reports.
- Глубина доступа: 1930 – 2021 гг. Полные тексты журналов (17 наименований) в подписке доступны с первого выпуска первого года издания.

AIP PUBLISHING

Наиболее влиятельные и авторитетные журналы



Applied Physics Reviews

IF 17.054

2019 JCR Ranking*: 6/155 Physics,
Applied Category

Годы охвата: от 2014 до 2021 гг.



APL Photonics

IF 4.864

2019 JCR Ranking*: 13/97 Optics
Category

Годы охвата: от 2016 до 2021 гг.



Physics Today

IF 3.875

2019 JCR Ranking*: 16/85 Physics,
Multidisciplinary Category

Годы охвата: от 1948 до 2021 гг.

* по данным Journal Citation Report (JCR-19) от Clarivate Analytics.

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Наиболее влиятельные и авторитетные журналы

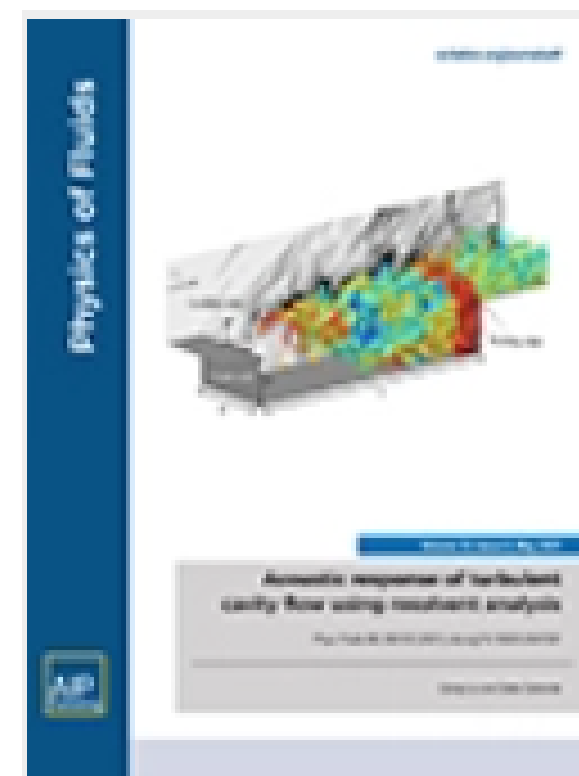


APL Materials

IF 3.819

2019 JCR Ranking: 46/103 Nanoscience & Nanotechnology Category

Годы охвата: от 2013 до 2021 гг.



Physics of Fluids

IF 3.514

2019 JCR Ranking: 23/136 Mechanics Category

Годы охвата: от 1994 до 2021 гг.



Applied Physics Letters

IF 3.597

2019 JCR Ranking: 37/155 Physics, Applied Category

Годы охвата: от 1962 до 2021 гг.



Structural Dynamics (co-published with ACA)

IF 3.216

2019 JCR Ranking: 9/37 Physics, Atomic, Molecular & Chemical Category

Годы охвата: от 2013 до 2021 гг.

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Наиболее влиятельные и авторитетные журналы

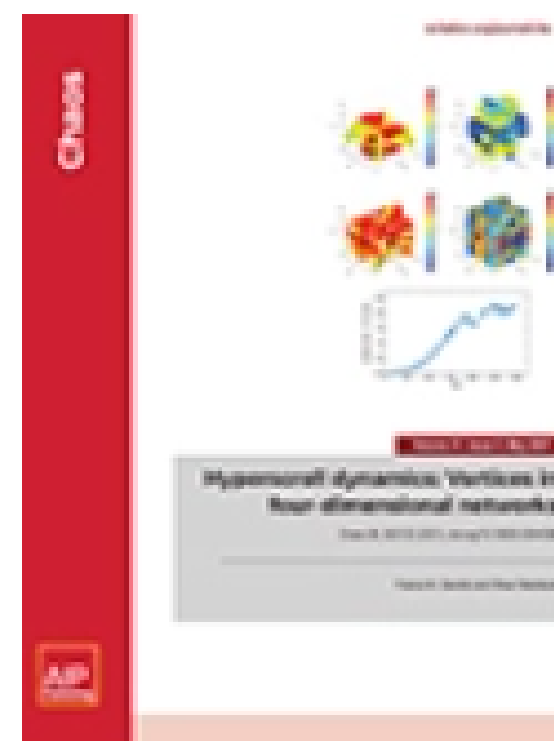


Journal of Physical & Chemical Reference Data

IF 3.051

2019 JCR Ranking: 76/159 Chemistry, Physical Category

Годы охвата: от 1972 до 2021 гг.



Chaos: An Interdisciplinary Journal of Nonlinear Science

IF 2.832

2019 JCR Ranking: 16/261 Physics, Mathematical Category

Годы охвата: от 1991 до 2021 гг.



The Journal of Chemical Physics

IF 2.991

2019 JCR Ranking: 77/159 Physics, Atomic, Molecular & Chemical Category

Годы охвата: от 1933 до 2021 гг.



Biomicrofluidics

IF 2.504

2019 JCR Ranking: 36/71 Biophysics Category

Годы охвата: от 2007 до 2021 гг.

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Наиболее влиятельные и авторитетные журналы

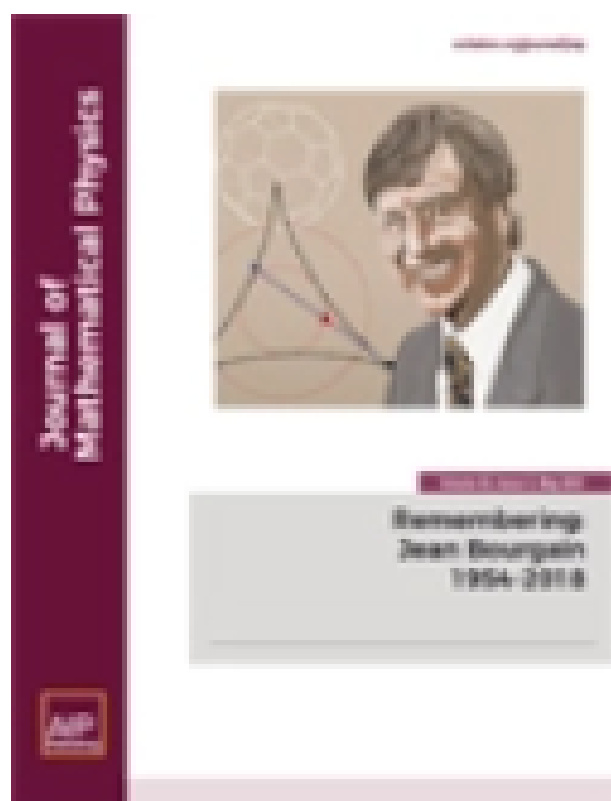


Journal of Applied Physics

IF 2.286

2019 JCR Ranking: 71/155 Physics, Applied Category

Годы охвата: от 1931 до 2021 гг.



Journal of Mathematical Physics

IF 1.317

2019 JCR Ranking: 77/159 Physics, Mathematical Category

Годы охвата: от 1960 до 2021 гг.



Physics of Plasmas

IF 1.830

2019 JCR Ranking: 17/34 Physics, Fluids & Plasmas Category

Годы охвата: от 1994 до 2021 гг.



Journal of Renewable & Sustainable Energy

IF 1.575

2019 JCR Ranking: 89/112 Energy & Fuels Category

Годы охвата: от 2009 до 2021 гг.



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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.

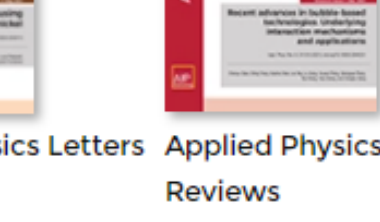
Publications



AIP Advances



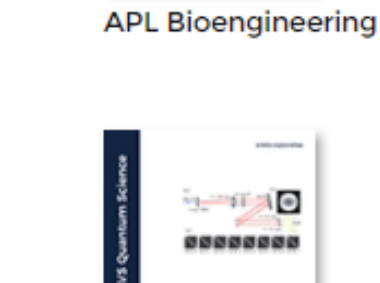
AIP Conference Proceedings



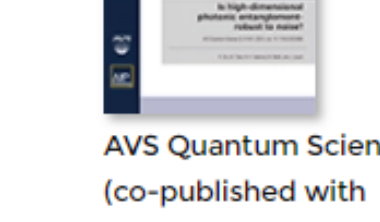
APL Bioengineering



APL Materials



APL Photonics



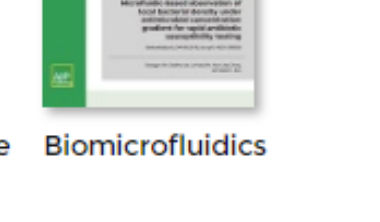
Applied Physics Letters



Applied Physics Reviews



AVS Quantum Science
(co-published with)



Biomicrofluidics



Biophysics Reviews

Featured

Thermally regenerative electro-chemical cycle for low-grade heat harnessing
Chemical Physics Reviews

Generation of supersonic jets from underwater electrical explosions of wire arrays
Physics of Plasmas

Charge transport through molecular ensembles: Recent progress in molecular electronics
Chemical Physics Reviews

Tuning the solvation of indigo in aqueous deep eutectics
The Journal of Chemical Physics

On a reformulation of Navier-Stokes equations based on Helmholtz-Hodge decomposition
Physics of Fluids

AIP PUBLISHING

Страница журнала

Навигация

Подписаться на уведомления

Выбор редактора

Самые читаемые статьи

The screenshot shows the homepage of the AIP Journal of Applied Physics. The header includes the AIP logo, the journal title, and a 'SUBMIT YOUR ARTICLE' button. A navigation bar contains links for HOME, BROWSE, INFO, FOR AUTHORS, and COLLECTIONS. A red dashed box labeled 'Навигация' points to this bar. Another red dashed box labeled 'Подписаться на уведомления' points to a 'SIGN UP FOR ALERTS' button. The main content area features a 'Featured' article titled 'Experimental validation of a microstrip antenna model for high- T_c superconducting terahertz emitters' by Genki Kuwano et al. Below this are four smaller article teasers. A red dashed box labeled 'Выбор редактора' points to the 'Editor's picks' section, which lists two articles: 'Restructuring of rotating spokes in response to changes in the radial electric field and the neutral pressure of a cylindrical magnetron plasma' and 'Effect of insulator surface conditioning on the pinch dynamics and x-ray production of a Ne-filled dense plasma focus'. To the right, a 'Most Read' section lists three popular articles, with a red dashed box labeled 'Самые читаемые статьи' pointing to it. The bottom of the page shows a grid of article thumbnails.



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Выпуск журнала

Выпуски журнала

Подписаться на уведомления

Информация о выпуске

Полный текст статьи в формате PDF

The screenshot displays the AIP Journal of Applied Physics website. The header includes the AIP logo, the journal title, and navigation links: HOME, BROWSE, INFO, FOR AUTHORS, and COLLECTIONS. A 'SUBMIT YOUR ARTICLE' button is in the top right. A 'SIGN UP FOR ALERTS' button is highlighted with a red dashed box. The main content area is titled 'Table of Contents' and features a 'Volume 129, Issue 22, 14 June 2021' section, also highlighted with a red dashed box. Below this is an 'EDITORIALS' section with a featured article titled 'Plasmonics: Enabling functionalities with novel materials' by Maria Losurdo et al. The article's full text is available in PDF format, as indicated by the red dashed box and the 'PDF' link. The 'PERSPECTIVES' section follows, featuring an article titled 'The essential role of the plasma sheath in plasma-liquid interaction and its applications—A perspective' by Patrick Vanraes and Annemie Bogaerts. A sidebar on the left, titled 'Browse Collections' and 'Browse Volumes', lists various issues, with the entire sidebar area highlighted by a red dashed box. A red dashed arrow points from the 'Выпуски журнала' label to this sidebar.



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Страница публикации

Навигация

Подписаться на уведомления

Выходные сведения о статье

Аффиляция авторов

Скачать файл в формате PDF

Похожие статьи

Полный текст в
формате HTML

The screenshot displays the AIP Journal of Applied Physics article page. The article title is "Plasmonics: Enabling functionalities with novel materials". The authors listed are Maria Losurdo, Fernando Moreno, Christoph Cobet, Mircea Modreanu, and Wolfram Pernice. The abstract discusses the interaction of electromagnetic waves with nanostructural details and hybridization, offering new research directions in plasmonics. The page includes a navigation bar with links like HOME, BROWSE, INFO, FOR AUTHORS, and COLLECTIONS. A red dashed box highlights the "FULL TEXT" tab, and another highlights the "INTRODUCTION" section. A third red dashed box highlights the "Download Citation" button in the "TOOLS" dropdown menu.

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Простой поиск

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поиск по издателю

MENU Access provided by Higher School of Economics Welcome, Andrey Fedorov SEARCH CITATION SEARCH

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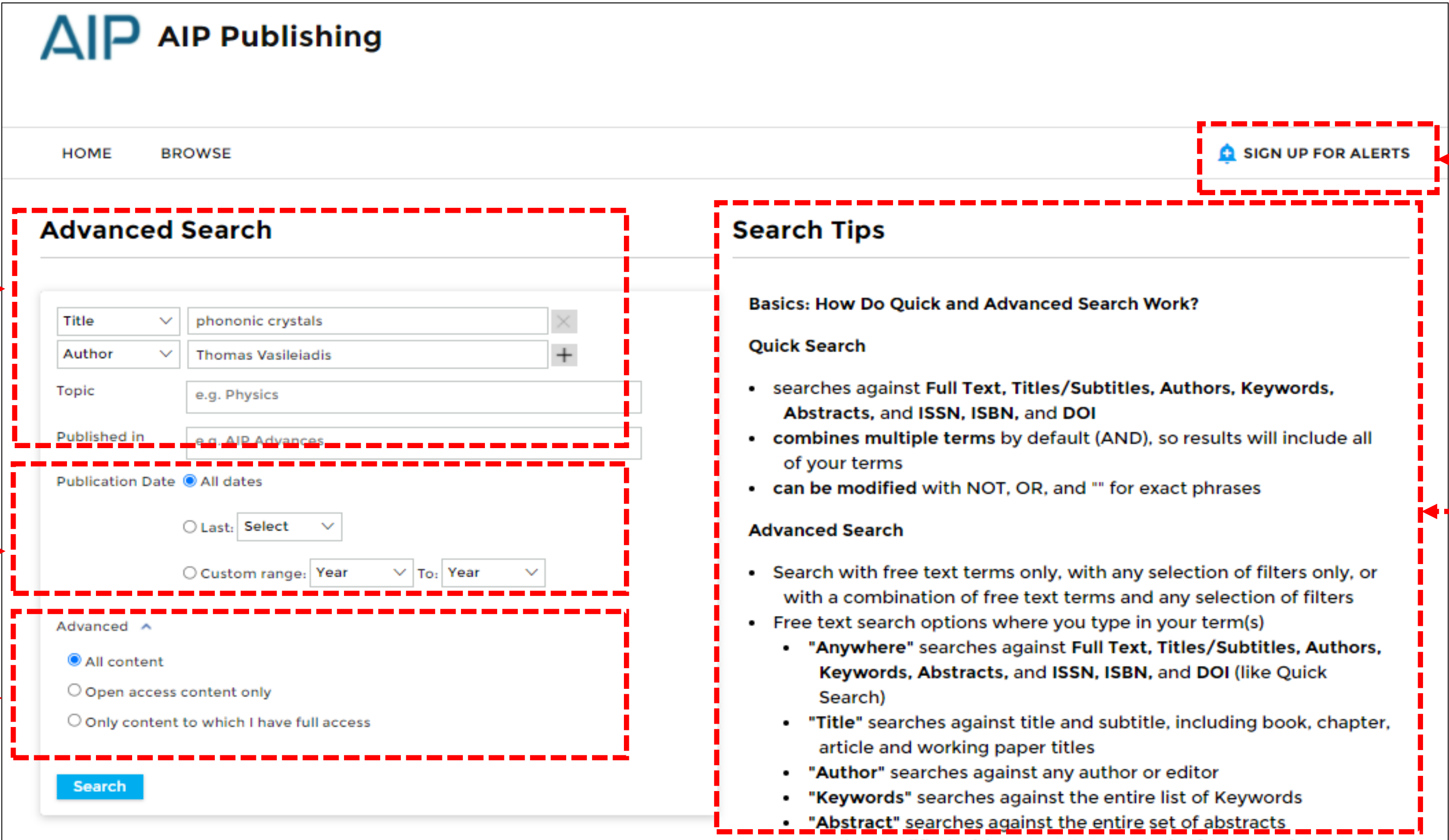
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Experimental validation of a microstrip antenna model
for high- T_c superconducting terahertz emitters

Genki Kuwano, Manabu Tsujimoto, Youta Kaneko, Kanae Nagayama, Takayuki Imai, Yukino Ono, Shinji Kusunose, Takuya Yuhara, Hidetoshi Minami, Takanari Kashiwagi and Kazuo Kadowaki

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Расширенный поиск



The screenshot displays the AIP Publishing website's search interface. The page header includes the AIP logo and the text "AIP Publishing". Navigation links for "HOME" and "BROWSE" are present. A "SIGN UP FOR ALERTS" button is located in the top right corner. The main content area is divided into two sections: "Advanced Search" and "Search Tips".

Annotations:

- Составление поискового запроса** (Formulating a search query): Points to the "Advanced Search" section, which includes input fields for Title (phononic crystals), Author (Thomas Vasileiadis), Topic (e.g. Physics), and Published in (e.g. AIP Advances). It also features a "Publication Date" section with options for "All dates", "Last" (with a "Select" dropdown), and "Custom range" (with "Year" and "To" dropdowns).
- Ограничение результатов поиска годами публикации** (Limiting search results by publication year): Points to the "Publication Date" section.
- Ограничение результатов по типу контента** (Limiting results by content type): Points to the "Advanced" section, which includes radio buttons for "All content", "Open access content only", and "Only content to which I have full access".
- Подписаться на уведомления** (Subscribe to notifications): Points to the "SIGN UP FOR ALERTS" button.
- Советы по поиску** (Search tips): Points to the "Search Tips" section, which includes "Basics: How Do Quick and Advanced Search Work?", "Quick Search" instructions, and "Advanced Search" instructions.

Search Tips Content:

Basics: How Do Quick and Advanced Search Work?

Quick Search

- searches against **Full Text, Titles/Subtitles, Authors, Keywords, Abstracts, and ISSN, ISBN, and DOI**
- combines multiple terms** by default (AND), so results will include all of your terms
- can be modified** with NOT, OR, and "" for exact phrases

Advanced Search

- Search with free text terms only, with any selection of filters only, or with a combination of free text terms and any selection of filters
- Free text search options where you type in your term(s)
 - "Anywhere"** searches against **Full Text, Titles/Subtitles, Authors, Keywords, Abstracts, and ISSN, ISBN, and DOI** (like Quick Search)
 - "Title"** searches against title and subtitle, including book, chapter, article and working paper titles
 - "Author"** searches against any author or editor
 - "Keywords"** searches against the entire list of Keywords
 - "Abstract"** searches against the entire set of abstracts



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Расширенный поиск

Поисковый запрос

Поисковые фильтры

Сохранить поисковый
запрос

Результат поиска

This Publisher/Society ▾ | crystals

RESULTS: 1 – 20 of 21690

For "crystals" title

ARTICLE TYPE

Research Article	20740
Letter	433
Correction Chapter	160
Announcement	59
Abstract	53
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PUBLICATION DATE

1930 2021

TOPICS

Chemical elements	2683
Phase transitions	2322
Optical devices	2320
Spectroscopy	2319
Crystalline solids	2310
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AUTHOR

Wu, Shin-Tson	117
Luo, Haosu	98
Cao, Wenwu	79

ARTICLES/CHAPTERS (21690) CONFERENCES (3) COLLECTIONS (3)

Refine Search ▾

Full · Jul 22, 2010

Crystal growth of semiconductor bulk crystals

Koichi Kakimoto
AIP Conference Proceedings **1270**, 93 (2010); <https://doi.org/10.1063/1.3476241>

Full · Jul 22, 2010 · 5 Citations

Nucleation of Crystals in Solution

Peter G. Vekilov
AIP Conference Proceedings **1270**, 60 (2010); <https://doi.org/10.1063/1.3476239>

Full · Mar 1, 1958 · 43 Citations

Crystal Growth Mechanism in Cadmium Sulfide Crystals

D. C. Reynolds and L. C. Greene
Journal of Applied Physics **29**, 559 (1958); <https://doi.org/10.1063/1.1723221>

Full · Jan 1, 1963 · 580 Citations

Crystal Interfaces. Part I. Semi-Infinite Crystals

J. H. Van Der Merwe
Journal of Applied Physics **34**, 117 (1963); <https://doi.org/10.1063/1.1729050>

Full · Apr 15, 1999 · 8 Citations

Crystal structure and magnetism of $\text{SrV}_6\text{O}_{11}$ single crystals

Y. Hata, Y. Kanke, Eiji Kita, H. Suzuki and G. Kido
Journal of Applied Physics **85**, 4768 (1999); <https://doi.org/10.1063/1.370475>

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Save this search

Name: crystals

Alert me to new results:

☐ Never ☒ Daily ☐ Weekly ☐ Monthly

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AIP PUBLISHING

Поиск по цитатам

Ввод данных публикации

Результат поиска

The screenshot displays the AIP Publishing website interface. At the top, there is a navigation bar with a 'MENU' icon, the text 'Access provided by Higher School of Economics', a user greeting 'Welcome, Andrey Fedorov', and buttons for 'SEARCH' and 'CITATION SEARCH'. Below this, the 'CITATION SEARCH' section is highlighted with a red dashed box. It contains a search bar with the text 'Journal of Applied Physics', a volume input field with '125', a page input field with 'Page', and a search icon. Below the search bar, a note states: 'This option allows users to search by Publication, Volume and Page'. To the left of the main content area is a 'Browse Collections' sidebar. Under 'Browse Volumes', a list of volumes is shown: 129 (2021), 128 (2020), 127 (2020), 126 (2019), 125 (2019), and Issue 24, June 28. The 'Issue 24, June 28' entry is highlighted with a red dashed box and an arrow pointing to the search results. The main content area is titled 'Table of Contents' and features a 'Volume 125, Issue 24, 28 June 2019' section. This section includes a 'Filter By Section' dropdown, a 'DISPLAY' selector set to '50', and a list of articles. The first article, 'Molecular spintronics' by Marco Gobbi, Miguel A. Novak and Enrique Del Barco, is highlighted with a red dashed box. Below the article title, the journal information is provided: 'Journal of Applied Physics 125, 240401 (2019); https://doi.org/10.1063/1.5113900'. At the bottom of the article entry, there are links for 'SHOW ABSTRACT', 'PDF', 'ADD TO FAVORITES', 'SHARE', and 'EXPORT CITATION'.



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TOPIC ALERTS1

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☐ APL Materials

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☐ Applied Physics Letters

☐ Applied Physics Reviews

☐ Biomicrofluidics

☐ Biophysics Reviews

☐ Chaos: An Interdisciplinary Journal of Nonlinear Science

☐ Chemical Physics Reviews

☒ Journal of Applied Physics

☐ The Journal of Chemical Physics

☐ Journal of Mathematical Physics

☐ Journal of Physical and Chemical Reference Data

☐ Journal of Renewable and Sustainable Energy

☐ Journal of Undergraduate Reports in Physics

☐ Low Temperature Physics

☐ Matter and Radiation at Extremes

☐ Nanotechnology and Precision Engineering

☐ Physics of Fluids

☒ Physics of Plasmas

☐ Review of Scientific Instruments

☐ Scilight

☐ American Journal of Physics

☐ AVS Quantum Science

☐ Biointerphases

☐ Chinese Journal of Chemical Physics

☐ JASA Express Letters

☐ Journal of Laser Applications

☐ Journal of Rheology

☐ The Journal of the Acoustical Society of America

☐ Journal of Vacuum Science & Technology A

☐ Journal of Vacuum Science & Technology B

☐ The Physics Teacher

☐ Proceedings of Meetings on Acoustics

☐ Structural Dynamics

☐ Surface Science Spectra

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Поисковые запросы

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RESULTS: 1 - 20 of 21692

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Follow results:

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Name: crystals

Alert me to new results:

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Сохранённый
поисковый запрос

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Favorites

Saved Searches

Saved search name:	Alert	Saved on	Last run on ▾	
crystals	Daily	Jun 10, 21	Jun 10, 21	RUN DELETE

This Publisher/Society ▾ | crystals

RESULTS: 1 - 20 of 21692

For "crystals" title

ARTICLES/CHAPTERS (21692) CONFERENCES (3) COLLECTIONS (3)

Refine Search ▾

ARTICLE TYPE

Research Article 207942

Letter 433

Correction Chapter 160

Announcement 39

Abstract 53

MORE (46) ▾

PUBLICATION DATE

1930 2021

TOPICS

Chemical elements 2883

Phase transitions 2322

Optical devices 2320

Spectroscopy 2319

Crystalline solids 2310

MORE (46) ▾

AUTHOR

Wu, Shin-Tson 107

Electronic and optical properties of Zn-doped β -Ga₂O₃ Czochralski single crystals

Jani Jesenovce, Joel Varley, Samuel E. Karcher and John S. McCloy

Journal of Applied Physics 129, 225702 (2021); <https://doi.org/10.1063/5.0050468>

A theoretical proposal of photonic crystals with gradient superconducting thicknesses for sensing applications

Cai-Xing Hu, Si-Jia Guo and Hai-Feng Zhang

Journal of Applied Physics 129, 225102 (2021); <https://doi.org/10.1063/5.0051273>

Propagation of threading dislocations and effects of Burgers vectors in HVPE-grown GaN bulk crystals on Na-flux-grown GaN substrates

T. Hamachi, T. Tohei, Y. Hayashi, M. Imanishi, S. Usami, Y. Mori, N. Ikarashi and A. Sakai

Journal of Applied Physics 129, 225701 (2021); <https://doi.org/10.1063/5.0053766>

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