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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

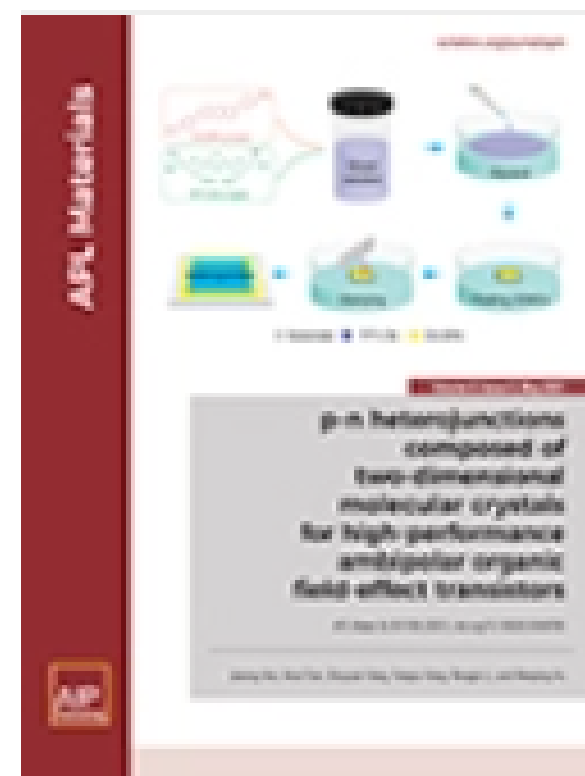
2019 JCR Ranking*: 16/85 Physics,
Multidisciplinary Category

Годы охвата: от 1948 до 2021 гг.

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

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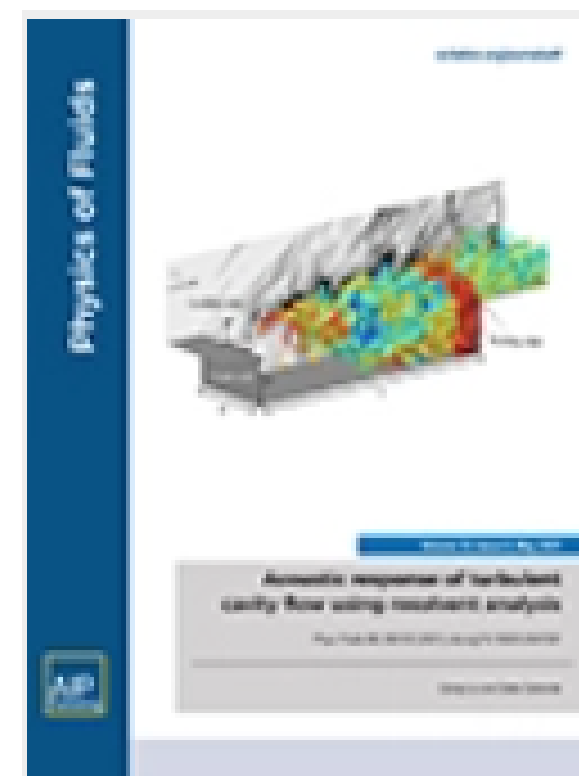


APL Materials

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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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

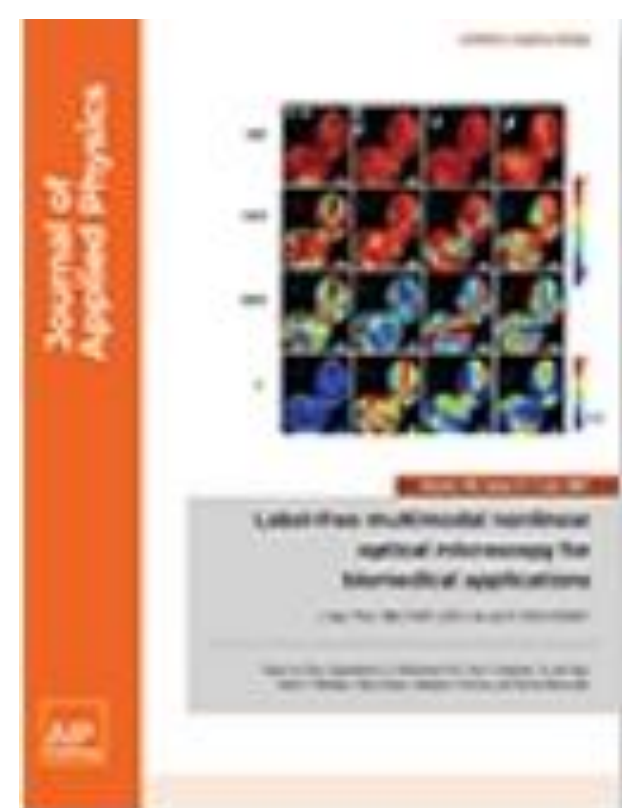
IF 2.504

2019 JCR Ranking: 36/71 Biophysics Category

Годы охвата: от 2007 до 2021 гг.

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Journal of Applied Physics

IF 2.286

2019 JCR Ranking: 71/155 Physics, Applied Category

Годы охвата: от 1931 до 2021 гг.

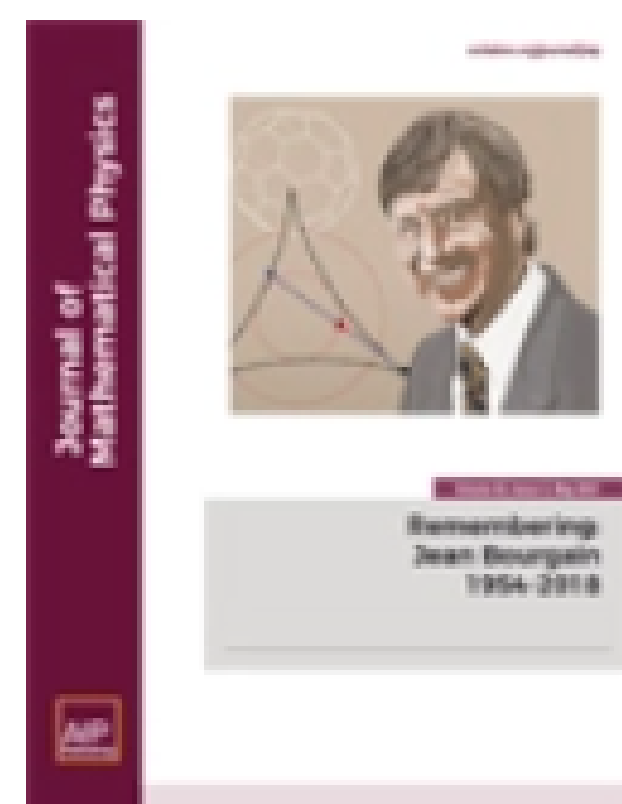


Physics of Plasmas

IF 1.830

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

Годы охвата: от 1994 до 2021 гг.



Journal of Mathematical Physics

IF 1.317

2019 JCR Ranking: 77/159 Physics, Mathematical Category

Годы охвата: от 1960 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.

AIP PUBLISHING

Главная страница




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About AIP Publishing


AIP Publishing is a wholly owned not-for-profit subsidiary of the American Institute of Physics (AIP). Our portfolio comprises highly regarded, peer-reviewed journals, including a growing portfolio of Open Access titles, that cover all areas of the physical sciences.

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 AVS)



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

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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. At the top, there is a navigation bar with links for HOME, BROWSE, INFO, FOR AUTHORS, and COLLECTIONS. A red dashed box highlights this navigation bar, with an arrow pointing to the label 'Навигация'. To the right of the navigation bar, there is a 'SUBMIT YOUR ARTICLE' button and a 'SIGN UP FOR ALERTS' button. A red dashed box highlights the 'SIGN UP FOR ALERTS' button, with an arrow pointing to the label 'Подписаться на уведомления'. Below the navigation bar is a 'Featured' section with a large article titled 'Experimental validation of a microstrip antenna model for high- T_c superconducting terahertz emitters'. Below this are four smaller article teasers. A red dashed box highlights the 'Editor's picks' section, which contains two articles with dates and titles. An arrow points from the label 'Выбор редактора' to this section. To the right of the 'Editor's picks' section is a 'Most Read' and 'Most Cited' section. A red dashed box highlights this section, with an arrow pointing to the label 'Самые читаемые статьи'. The 'Most Read' section lists three articles with their dates, titles, and view/citation counts.

AIP PUBLISHING

Выпуск журнала

The screenshot shows the AIP Journal of Applied Physics website. The main content area is titled "Table of Contents" for "Volume 129, Issue 22, 14 June 2021". Below this, there are sections for "EDITORIALS" and "PERSPECTIVES". The "EDITORIALS" section features an article titled "Plasmonics: Enabling functionalities with novel materials" by Maria Losurdo, Fernando Moreno, Christoph Cobet, Mircea Modreanu and Wolfram Pernice. The "PERSPECTIVES" section features 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. The page also includes a "Browse Collections" sidebar with a "Browse Volumes" list, a "Sign Up for Alerts" button, and a "Submit Your Article" button.

Выпуски журнала

Подписаться на уведомления

Информация о выпуске

Полный текст статьи в формате PDF



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Страница публикации

Навигация

Выходные сведения о статье

Аффилиация автора

Скачать файл в формате PDF

Подписаться на уведомления

Похожие статьи

Полный текст в формате HTML

The screenshot shows the article page for "Plasmonics: Enabling functionalities with novel materials" in the Journal of Applied Physics. The page includes a navigation menu (HOME, BROWSE, INFO, FOR AUTHORS, COLLECTIONS), a "SIGN UP FOR ALERTS" button, and a "SUBMIT YOUR ARTICLE" button. The article title is prominently displayed, followed by the journal information and the authors: Maria Losurdo, Fernando Moreno, Christoph Cobet, Mircea Modreanu, and Wolfram Pernice. The authors' affiliations are listed below. A "PDF" button is visible on the left side of the article content area. The article content begins with an "INTRODUCTION" section, which discusses the interaction of electromagnetic fields with matter and the ability to harvest and manipulate light at the nanoscale.

This is a thumbnail version of the article page. It displays the title "Plasmonics: Enabling functionalities with novel materials", the journal name "Journal of Applied Physics", and the citation information: "Cite as: J. Appl. Phys. 129, 220401 (2021); doi: 10.1063/5.0056296". It also includes the authors' names and a small "PDF" icon.

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Простой поиск

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платформе Scitation,
поиск по издателю

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SEARCH ADVANCED SEARCH

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This Publication In the current publication in context

Anywhere

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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

AIP PUBLISHING

Расширенный поиск

Составление поискового запроса

Ограничение результатов поиска годами публикации

Ограничение результатов по типу контента

The screenshot shows the AIP Publishing search interface. At the top left is the AIP logo and 'AIP Publishing' text. Below it are 'HOME' and 'BROWSE' links. On the right, there is a 'SIGN UP FOR ALERTS' button. The main content area is divided into two columns. The left column is titled 'Advanced Search' and contains several search filters: 'Title' (set to 'phononic crystals'), 'Author' (set to 'Thomas Vasileiadis'), 'Topic' (set to 'e.g. Physics'), 'Published in' (set to 'e.g. AIP Advances'), 'Publication Date' (set to 'All dates'), and 'Advanced' (set to 'All content'). A 'Search' button is at the bottom of this column. The right column is titled 'Search Tips' and contains two sections: 'Basics: How Do Quick and Advanced Search Work?' and 'Advanced Search'. The 'Basics' section includes a 'Quick Search' section with three bullet points and an 'Advanced Search' section with five bullet points. The 'Advanced Search' section includes search options like 'Anywhere', 'Title', 'Author', 'Keywords', and 'Abstract'. Red dashed boxes and arrows highlight specific features: one box around the search filters is labeled 'Составление поискового запроса', another box around the 'Publication Date' section is labeled 'Ограничение результатов поиска годами публикации', and a third box around the 'Advanced' section is labeled 'Ограничение результатов по типу контента'. A red dashed arrow points from the 'SIGN UP FOR ALERTS' button to the text 'Подписаться на уведомления'. Another red dashed arrow points from the 'Search Tips' section to the text 'Советы по поиску'.

Подписаться на уведомления

Советы по поиску

AIP PUBLISHING

Расширенный поиск

Поисковый запрос

Поисковые фильтры

Save this search
Name:

Alert me to new results:
 Never Daily Weekly Monthly

Сохранить поисковый запрос

Результат поиска

The screenshot shows the search results for 'crystals' on the AIP Publishing website. The search bar at the top contains the query 'crystals' and shows 'RESULTS: 1 - 20 of 21690'. Below the search bar, there are filters for 'ARTICLE TYPE' (Research Article: 20740, Letter: 433, Correction Chapter: 160, Announcement: 59, Abstract: 55) and 'PUBLICATION DATE' (1930 to 2021). The 'TOPICS' section includes Chemical elements (2683), Phase transitions (2522), Optical devices (2520), Spectroscopy (2519), and Crystalline solids (2510). The 'AUTHOR' section lists Wu, Shin-Tson (117), Luo, Haosu (98), and Cao, Wenwu (79). The main results list includes:

- Crystal growth of semiconductor bulk crystals** by Koichi Kakimoto, AIP Conference Proceedings 1270, 93 (2010); <https://doi.org/10.1063/1.3476241>
- Nucleation of Crystals in Solution** by Peter G. Vekilov, AIP Conference Proceedings 1270, 60 (2010); <https://doi.org/10.1063/1.3476239>
- Crystal Growth Mechanism in Cadmium Sulfide Crystals** by D. C. Reynolds and L. C. Greene, Journal of Applied Physics 29, 559 (1958); <https://doi.org/10.1063/1.1723221>
- Crystal Interfaces. Part I. Semi-Infinite Crystals** by J. H. Van Der Merwe, Journal of Applied Physics 34, 117 (1963); <https://doi.org/10.1063/1.1729050>
- Crystal structure and magnetism of SrV₆O₁₁ single crystals** by 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>

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 search options 'SEARCH' and 'CITATION SEARCH'. Below this, a 'CITATION SEARCH' section is highlighted with a red dashed box. It contains an 'ADVANCED SEARCH' tab, a search input field with 'Journal of Applied Physics', a volume field with '125', a page field with 'Page', and a search button. A note below the input fields states: 'This option allows users to search by Publication, Volume and Page'. To the left of the main content is a 'Browse Collections' sidebar with a 'Browse Volumes' section listing years from 2021 to 2019. The main content area is titled 'Table of Contents' and shows 'Volume 125, Issue 24, 28 June 2019'. A 'Filter By Section' dropdown and a 'DISPLAY' selector (set to 50) are also visible. A search result for 'Molecular spintronics' is highlighted with a red dashed box. The result includes the authors 'Marco Gobbi, Miguel A. Novak and Enrique Del Barco', the journal information 'Journal of Applied Physics 125, 240401 (2019); https://doi.org/10.1063/1.5113900', and action buttons for 'SHOW ABSTRACT', 'PDF', 'ADD TO FAVORITES', 'SHARE', and 'EXPORT CITATION'.

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Уведомления

Подписка на уведомления

AIP Publishing

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- AIP Conference Proceedings
- APL Bioengineering
- APL Materials
- APL Photonics
- 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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NEWSLETTERS

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AIP PUBLISHING

Поисковые запросы

The screenshot shows the AIP Publishing search results page. At the top, there are navigation links for HOME and BROWSE, and a SIGN UP FOR ALERTS button. Below is a search bar with the query 'crystals'. The results section shows 'RESULTS: 1 - 20 of 21692' and a 'Follow results' button with social media icons. A red dashed box highlights the 'Follow results' button.

The 'Save this search' dialog box is shown. It has a 'Name' field containing 'crystals'. Under 'Alert me to new results:', there are radio buttons for 'Never' (selected), 'Daily', 'Weekly', and 'Monthly'. A 'Save search' button is at the bottom.

Поисковые запросы Saved Searches

The 'Saved Searches' page is shown. A table lists saved searches. A red dashed box highlights the table content.

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

Сохранённый поисковый запрос

The search results page is shown with filters on the left and article details on the right. The filters include Article Type, Publication Date, and Topics. The article details show the title 'Electronic and optical properties of Zn-doped β -Ga₂O₃ Czochralski single crystals' and other information.



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