

AIP 美國物理協會電子期刊 全文資料庫



Presented by

iGroup Taiwan(長智文化) 邱稚婷

AIP-American Institute of Physics簡介

- 創立於1931年
- American Institute of Physics (AIP)，是一家出版研究性期刊、雜誌、光碟、會議論文集及名錄的專業出版社。
- 富含特色的電子資料庫及高品質的期刊內容，成就了AIP在物理學電子期刊出版領域的領導地位。



AIP收錄期刊清單

No	AIP Titles	起始年代	IF 2008	排行	領域
1	Applied Physics Letters	1999-present	3.726	5/95	PHYSICS, APPLIED
2	Chaos	1999-present	2.152	10/46	MATHEMATICS, APPLIED
				9/175	PHYSICS, MATHEMATICAL
3	Journal of Applied Physics	1999-present	2.171	17/94	PHYSICS, APPLIED
4	Journal of Chemical Physics	1999-present	3.149	5/31	PHYSICS, ATOMIC, MOLECULAR & CHEMICAL
5	Journal of Mathematical Physics	1999-present	1.085	28/46	PHYSICS, MATHEMATICAL
6	Journal of Physical and Chemical Reference Data	1999-present	2.424	34/127	CHEMISTRY, MULTIDISCIPLINARY
				42/113	CHEMISTRY, PHYSICAL
				14/68	PHYSICS, MULTIDISCIPLINARY
7	Low Temperature Physics	1997-present	0.78	77/95	PHYSICS, APPLIED
8	Physics of Fluids	1999-present	1.738	23/112	MECHANICS
				14/26	PHYSICS, FLUIDS & PLASMAS
9	Physics of Plasmas	1999-present	2.427	7/26	PHYSICS, FLUIDS & PLASMAS
10	Review of Scientific Instruments	1999-present	1.738	16/56	INSTRUMENTS & INSTRUMENTATION
				36/95	PHYSICS, APPLIED
Open Access	AIP Advances	2011-present	n/a	n/a	n/a
Open Access	APL Materials	2013	n/a	n/a	n/a

AIP期刊涵蓋主題

一般物理、應用物理、化學物理、地球物理、
醫療物理、原子分子物理、微粒、萬有引力、
天文、濃縮物質、材料科、統計非線性軟質物理、電子、
工程、設備科學、數學、光學、真空科學和聲學...More

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- 提供熱門文章，讓您成為物理領域的先驅
- 即時訊息，方便掌握第一手消息

2013年10月AIP推出全新Scitation平台
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AIP Journals

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期刊首頁

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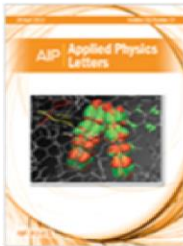
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E-ISSN: 1077-3118

EDITOR'S PICKS

- Integration of on-chip field-effect transistor switches with dopantless Si/SiGe quantum dots for high-throughput...
- Pyroelectric electron emission from nanometer-thick films of $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$

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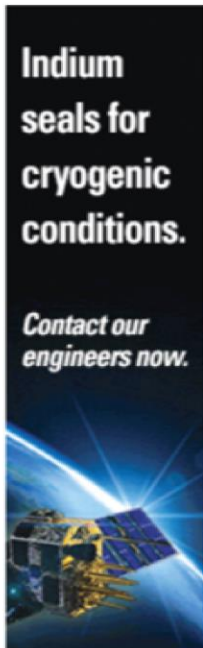
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編輯推薦

本月熱門文章

瀏覽期刊

AIP | Scitation

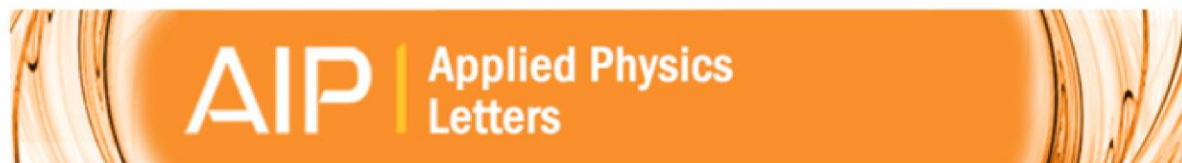
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Volume 103, Issue 16, 14 October 2013

當期期刊文章

PHOTONICS AND OPTOELECTRONICS

Spontaneous emission and collection efficiency enhancement of single emitters in diamond via plasmonic cavities and gratings

Jennifer T. Choy, Irfan Bulu, Birgit J. M. Hausmann, Erika Janitz, I-Chun Huang and Marko Lončar

Appl. Phys. Lett. **103**, 161101 (2013); <http://dx.doi.org/10.1063/1.4817397>

+ VIEW DESCRIPTION

Leakage current in quantum-cascade lasers through interface roughness scattering

Y. V. Flores, S. S. Kurlov, M. Elagin, M. P. Semtsiv and W. T. Masselink

Appl. Phys. Lett. **103**, 161102 (2013); <http://dx.doi.org/10.1063/1.4825229>

Single-mode subwavelength waveguides with wire metamaterials

Pavel A. Belov, Rostyslav Dubrovka, Ivan Iorsh, Ilva Yaquupov and Yuri S. Kivshar

Indium seals for cryogenic conditions.

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+ Sections

- Volume 103 (2013)

Issue 16, 14 Oct (Partial)

Issue 15, 07 Oct

Issue 14, 30 Sep

Issue 13, 23 Sep

Issue 12, 16 Sep

Issue 11, 09 Sep

Issue 10, 02 Sep

瀏覽其它卷期

文章內容-1

The image shows a screenshot of an AIP Scitation article page. The page header includes the AIP Scitation logo, a search bar, and navigation links for Publishers, Publications, Topics, Librarians, and Authors. The article title is "Leakage current in quantum scattering" by Y. V. Flores, S. S. Kurlov, and M. Elagin. The page features a navigation menu with options like Abstract, Full Text, References, Cited By, Data & Media, Metrics, and Related. A sidebar on the right contains a "Sign in" section with options like "Sign in via Shibboleth/Athens", "Register", "My cart", "Export citations", "Add to my favorites", "Recommend to library", "Subscribe to email alerts", "Submit an article", "Reprints & Permissions", and "Subscribe to RSS".

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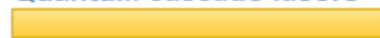
文章內容-2

Key Topics

Leakage currents



Quantum cascade lasers



Electron scattering



Charge carriers



Laser efficiency



Solar cell efficiency



Current density



Interface roughness



Photons



Pumping



文章關鍵字

長條圖可一窺主題比例

IPC Codes:

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Using optical pumping

H01S5/00

Semiconductor lasers

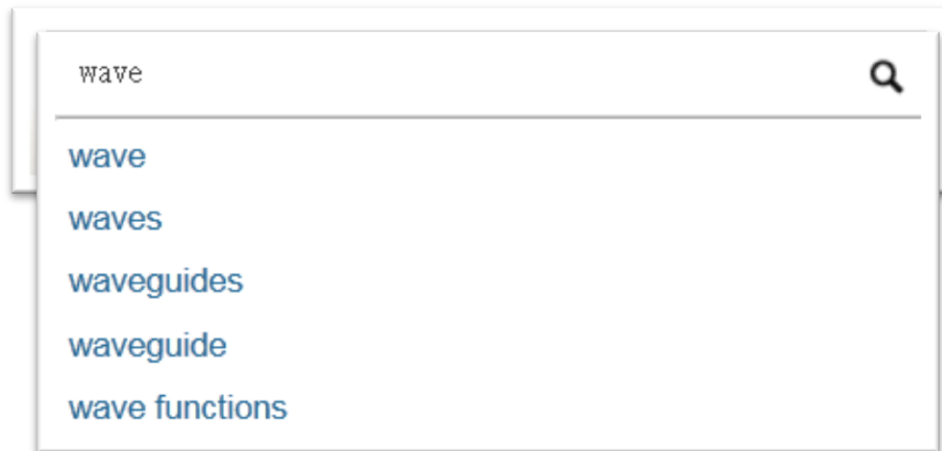
H01S5/34

comprising quantum well or
superlattice structures, e.g.
single quant...

IPC Code國際專利分類

可搜尋出相關文章也出現該專利分類

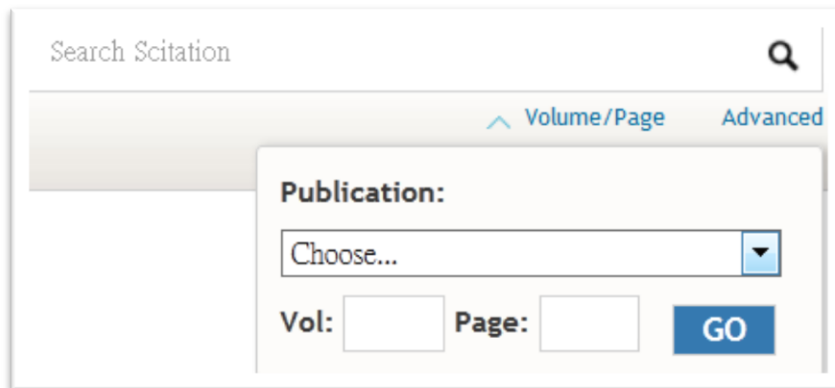
檢索功能



A search input field containing the text "wave" and a magnifying glass icon. Below the input field, a dropdown menu is open, displaying a list of suggestions: "wave", "waves", "waveguides", "waveguide", and "wave functions".

輸入任意關鍵字於所有欄位
執行檢索

輸入關鍵字詞系統會產生建議詞



A search interface titled "Search Scitation" with a magnifying glass icon. Below the title, there are two tabs: "Volume/Page" (selected) and "Advanced". A search filter is open, showing a "Publication:" dropdown menu with "Choose..." selected. Below the dropdown, there are input fields for "Vol:" and "Page:", and a blue "GO" button.

利用已知的卷期&頁次查詢

檢索功能-進階查詢-1

SEARCH WITHIN
You may select multiple items from the four boxes below. Selecting multiple options vary in different operating systems and browsers:

Er
fin
For Windows: Hold down the Control (Ctrl) button to select multiple options;
For Mac: Hold down the command button to select multiple options.

This topic: All Topics
Acoustics
Astronomy and astrophysics
Atomic and molecular physics
Biological physics
Condensed matter physics
Energy

This content type: All content types
Meeting Abstracts only
Blogs only
Journal articles only
Patent reviews only
Proceeding papers only
Standards only

This publication: All Publications
AIP Advances
AIP Conference Proceedings
APL Materials
APL: Organic Electronics and Photonics
Acoustics Research Letters Online
Acoustics Today

This Publisher: All Publishers
AIP Publishing
AVS: Science & Technology of Materials, Interfaces, and Processing
Acoustical Society of America
American Association of Physicists in Medicine
American Association of Physics Teachers

設定檢索條件

- 主題
- 文章類型
- 出版刊物
- 出版社

ND boson). Use quotation marks (" ") to
tron*).

設定查找詞範圍

Exact phrase
All of these words
Some of these words
Exact phrase

檢索功能-進階查詢-2

設定查找詞年代

SEARCH BETWEEN THESE DATES:

From

to

SORT RESULTS BY:

查詢結果排序選擇

Relevance

Relevance

Newest first

Oldest first

查詢結果-1

Home > Search Results

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Search Results

1 - 20 of 64,272 result(s), from (All Fields (excluding ...))
Type contains 'Article OR PatentReview OR Conference ...'

MODIFY SEARCH

Research publications | Physics Today | Related Databases

Export citations | View search history | Save search | Create search alert

FILTER BY TOPIC:

- General physics [47161]
- Fundamental physics [30100]
- Wave mechanics [28523]
- Condensed matter physics [28295]
- Optics and optical physics [27795]
- Materials science [26103]

MORE

FILTER BY PUBLISHER:

- AIP Publishing [39987]
- Acoustical Society of America [8304]
- American Association of Physics Teachers [1198]
- AVS: Science & Technology of Materials, Interfaces, and Processing [831]
- American Association of

條件篩選:

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依出版社

依出版刊物

依文章類型

依作者

依年代

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符合Physics Today

符合資料庫-ArXiv

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Institutions

FILTER BY TOPIC

Acoustics [13]

Biological physics [1]

Bioacoustics [1]

Speech [11]

Speech processing systems [8]

General physics [6]

MORE

FILTER BY PUBLISHER:

Acoustical Society of America [11]

AIP Publishing [1]

FILTER BY PUBLICATION:

The Journal of the Acoustical Society of America [10]

作者發表
文章列表

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+ VIEW ALL DESCRIPTIONS

Effects of lengthened formant transition duration on discrimination and neural representation of synthetic CV syllables by normal and learning-disabled children

Ann R. Bradlow , Nina Kraus , Trent G. Nicol , Therese J. McGee , Jenna Cunningham , Steven G. Zecker and Thomas D. Carrell
J. Acoust. Soc. Am. **106** , 2086 (1999) ; <http://dx.doi.org/10.1121/1.427953>

+ VIEW DESCRIPTION

Central auditory system plasticity: Generalization to novel stimuli following listening training

Kelly Tremblay , Nina Kraus , Thomas D. Carrell and Therese McGee
J. Acoust. Soc. Am. **102** , 3762 (1997) ; <http://dx.doi.org/10.1121/1.420139>

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- + Acoustics
- + Astronomy and astrophysics
- + Atomic and molecular physics
- + Biological physics
- + Condensed matter physics
- + Energy
- + General physics
- + Geophysics
- + Interdisciplinary physics
- + Materials science
- + Mathematical physics
- + Nanotechnology

Energy

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More specific topics:

Related topics:

- Nuclear power
- Energy storage
- Biomass energy sources
- Energy conservation
- Energy analysis
- Energy efficiency
- Renewable energy
- Energy delivery
- Energy policy
- Energy use

+ MORE

Research Publications Physics Topics

該主題下相關文章列表

FILTER BY TOPIC:

- Energy [32694]
- General physics [27361]
- Interdisciplinary physics [20978]
- Condensed matter physics [20555]
- Materials science [20000]
- Optics and optical physics [18137]
- + MORE

SORT BY: NEWEST FIRST | OLDEST FIRST

+ VIEW ALL DESCRIPTIONS

In-Situ Propellant Supplied Lunar Lander Concept

Benjamin Donahue and Curtis Maulsby
AIP Conf. Proc. **969**, 861 (2008); <http://dx.doi.org/10.1063/1.2845051>

+ VIEW DESCRIPTION

The relationship between the discriminability of formant transitions and certain cognitive measures

Thomas Carrell, Nina Kraus, Terry McGee and Steven Zecker
J. Acoust. Soc. Am. **97**, 3242 (1995); <http://dx.doi.org/10.1121/1.411741>

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The screenshot shows a registration form titled "register". It includes a legend for required fields, sections for personal and login details, a society membership section, and a "REGISTER" button.

register

* Indicates required field

PERSONAL DETAILS

Name *

Email address *

Confirm Email address *

Country *

Zip/postcode

LOGIN DETAILS

Your user name and password must have a **minimum of 5 characters**.

User Name *

Password *

Password Strength Indicator: Please use a combination of letters, numbers and special characters

Retype Password *

ARE YOU A SOCIETY MEMBER?

Society

Customer Number

I agree to the terms of use *

REGISTER

管理帳號資料

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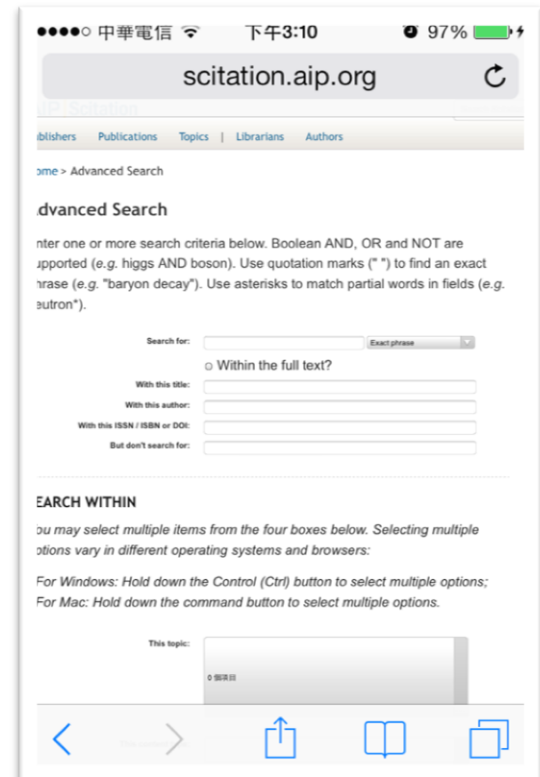
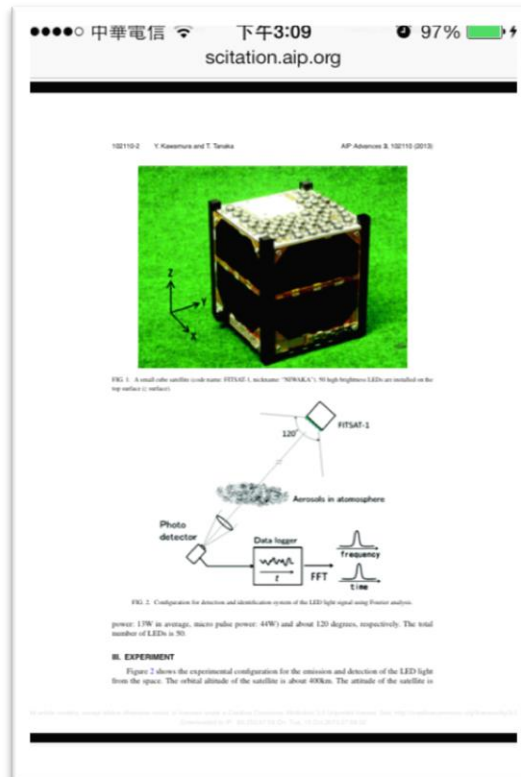
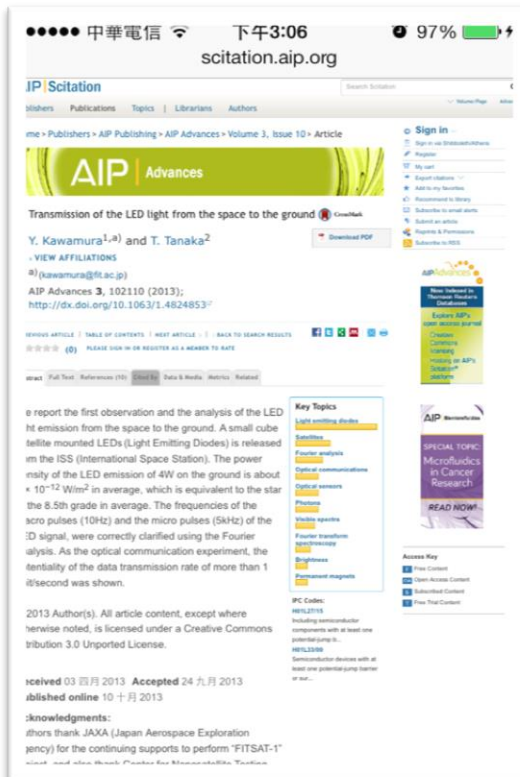
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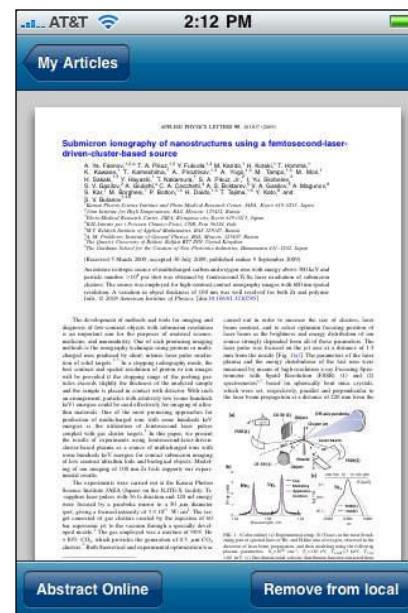
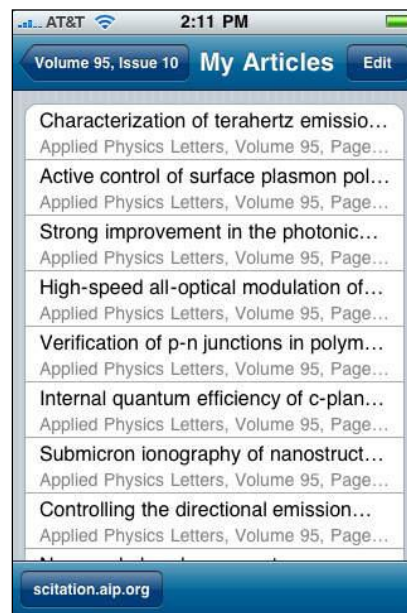
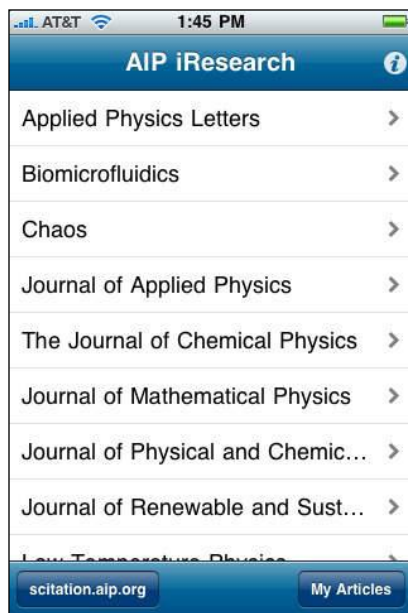
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