

American Institute of Physics 美國物理協會電子期刊

Present by

長智文化事業有限公司

iGroup Taiwan

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 2012	Frequency
1	Applied Physics Letters	1999-	3.794	52
2	Chaos	1991-	2.076	4
3	Journal of Applied Physics	1999-	2.21	48
4	Journal of Chemical Physics	1999-	3.164	48
5	Journal of Mathematical Physics	1999-	1.296	12
6	Journal of Physical and Chemical Reference Data	1999-	3.5	4
7	Low Temperature Physics	1997-	0.821	12
8	Physics of Fluids	1999-	1.926	12
9	Physics of Plasmas	1999-	2.147	12
10	Review of Scientific Instruments	1999-	1.602	12
Open Access	AIP Advance	2011-2013	1.349	
Open Access	APL Materials	2013-	-	

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

AIP及其合作夥伴(如AVS、AAPT)提供全球1/4以上的學術研究資源

AIP 電子期刊特色

- 高品質的期刊內容，期刊皆被ISI收錄
- 全文取得容易，讓您閱讀更完整
- 更新快速，無須等待紙本寄達所需時間
- 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
新氣象，新服務，不變的研究文章品質

網址 <http://scitation.aip.org/content/aip>

Volume/Page Advanced

Home > Publishers > AIP Publishing



AIP Publishing

AIP 出版社簡介

快速查詢/進階查詢

Sign in via Shibboleth/Athens
Register
My cart

One of the world's largest publishers of scientific information in physics and the related sciences, AIP Publishing employs innovative technologies and offers publishing services for the American Institute of Physics and AIP Member Society publishing partners. AIP Publishing's suite of publications includes 17 journals, three of which are published in partnership with other organizations; magazines, including AIP's flagship publication Physics Today; and the AIP Conference Proceedings series.

Home page for AIP Publishing

Publications



OA AIP Advances
Browse issues
+ VIEW DESCRIPTION



AIP Conference Proceedings
Browse titles
+ VIEW DESCRIPTION

期刊列表&簡介
(展開/收合)

Access Key

- F Free Content
- OA Open Access Content
- S Subscribed Content
- T Free Trial Content

期刊使用權限



AIP | Scitation

Search Scitation

Publishers | Publications | Topics | Librarians | Authors

Volume/Page Adva

Home > Publishers > AIP Publishing > Applied Physics Letters



Overview

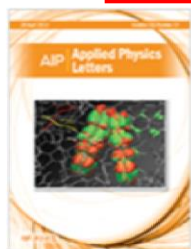
Browse

About

News

Media

Collections



Applied Physics Letters, published by the American Institute of Physics, features concise, authoritative reports on significant new findings in applied physics. Emphasis is placed on key data and new physical insights, *Applied Physics Letters* provides a rapid presentation of new experimental and theoretical papers bearing on applications of physics phenomena to all branches of science, engineering, and modern technology. Content is published online daily, collected into weekly online and printed issues (52 issues per year).

ISSN: 0003-6951

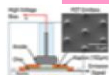
E-ISSN: 1077-3118

EDITOR'S PICKS



編輯推薦

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 $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$

MOST READ THIS MONTH

Integration of on-chip field-effect transistor switches with dopantless Si/SiGe quantum dots for high-throughput

Gr...
res...

Effect of impurities on the mobility of single crystal

本月熱門文章

Sign in

Sign in via Shibboleth/Athens

Register

My cart

Recommend to library

Subscribe to email alerts

Submit an article

Subscribe to RSS

Indium
seals for
cryogenic
conditions.

Contact our
engineers now.





Overview Browse About News Media Collections



+ 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

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. Kurllov, 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 Yagupov and Yuri S. Kivshar

瀏覽其它卷期

Indium
seals for
cryogenic
conditions.

Contact our
engineers now.



文章內容-1

AIP | Scitation Search Scitation

Publishers Publications Topics | Librarians Authors

Home > Publishers > AIP Publishing > Applied Physics Letters > Volume 103, Issue 16 > Article

AIP | App Let

Leakage current in quantum scattering CrossMark

Y. V. Flores¹, S. S. Kurlov¹, M. Elagin¹, M. ...

+ VIEW AFFILIATIONS

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

< PREVIOUS ARTICLE | TABLE OF CONTENTS | NEXT ARTICLE >

Abstract Full Text References (27) Cited By Data & Media Metrics Related

The impact of interface roughness (IFR)-scattering on the quantum efficiency of quantum-cascade ...

the data to a calculation of the leaka ...

higher-lying states via IFR-scattering, providing evidence of the importance of QCLs quantum efficiency.

Sign in
 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
 Subscribe to RSS

Mass Spectrometers for Surface Analysis

ANALYTICAL HidenAnalytical.com

APL Materials

文章閱讀工具

1. 書目匯出
2. 加入最愛(須登入帳號)
3. 推薦圖書館
4. 訂閱目次服務(須登入帳號)

NEW- 文章被使用統計

PDF全文

文

Html

參考文

被引用文章

文章圖表內容

其他相關文章

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

IPC Codes:

H01S3/091

Using optical pumping

H01S5/00

Semiconductor lasers

H01S5/34

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

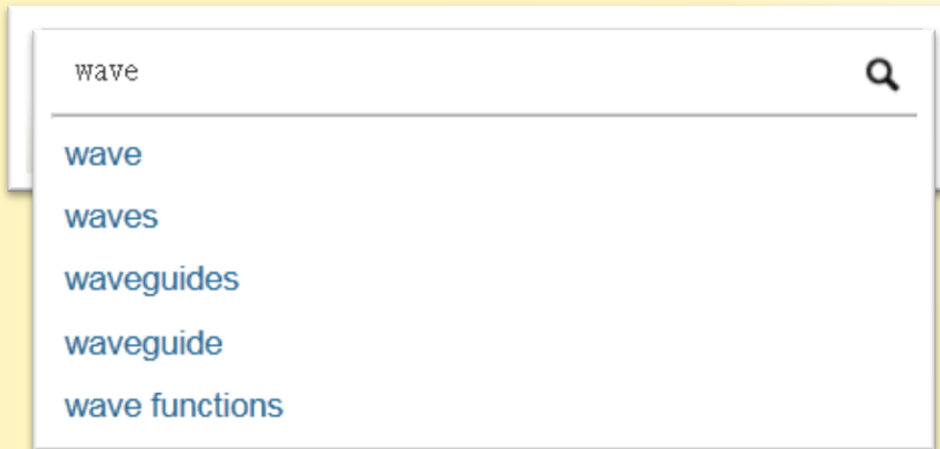
IPC Code國際專利分類

可搜尋該專利分類相關
文章

文章關鍵字

長條圖可一窺主題比例

檢索功能

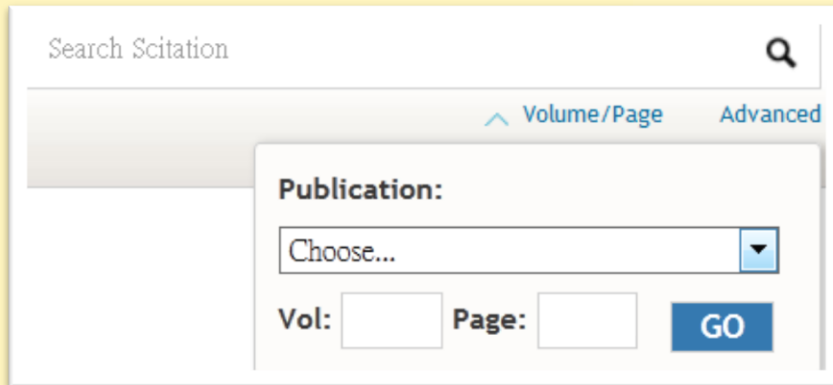


A search bar with the text "wave" entered. A magnifying glass icon is on the right. Below the bar, a list of suggestions is shown: "wave", "waves", "waveguides", "waveguide", and "wave functions".

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 form titled "Search Scitation" with a magnifying glass icon. Below the title, there are two tabs: "Volume/Page" (selected) and "Advanced". A "Publication:" dropdown menu is open, showing "Choose..." as the selected option. Below the dropdown, there are input fields for "Vol:" and "Page:", followed by 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:

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

AND boson). Use quotation marks (" ") to
electron*).

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

SEARCH BETWEEN THESE DATES:

設定查找詞年代

From

to

SORT RESULTS BY:

查詢結果排序選擇

Relevance



Relevance

Newest first

Oldest first

T

查詢結果-1

Home > Search Results

You are signed in as: Penny

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

符合研究文 | 符合Physics Today | 符合資料庫-ArXiv

EXPORT CITATIONS: 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

SORT BY: RELEVANCE | NEWEST FIRST | OLDEST FIRST

+ VIEW ALL DESCRIPTIONS

條件篩選:
依主題
依出版社
依出版刊物
依文章類型
依作者
依年代

建議相關主題

符合文章列表

Find Your Future in the Physical Sciences & Engineering
GradSchoolShopper.com
AIP

AIP Publishing
Re-register

You are signed in as:

Penny

-  Sign out
-  Additional sign in 
-  Sign in via Shibboleth/Athens
-  My account
-  My cart

Institutions

NEW

[+ VIEW ALL DESCRIPTIONS](#)

作者發表
文章列表

作者所屬
機構資料

minability of formant transitions and certain

主刊立文

陳 璘 次 州

Gee and Steven Zecker

大平列衣

利貝得機

<http://dx.doi.org/10.1121/1.411741>

Using systems

100

s [6]

Generation of synthetic CV s

cl

PUBLISHER:

Society of America

[1]

LOCATION:

the Acoustical J.

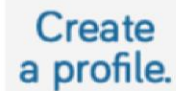
rica [10] +

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>

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>

[+ VIEW DESCRIPTION](#)

Congratulations
to the winners
of the 2013
Nobel Prize in
Physics!

主題瀏覽

Topics

Browse Scitation content quickly and easily by topic. The browse function is supported by the powerful Scitation thesaurus (7,500+ terms) developed to address researchers' information needs.

- + 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

Browse Scitation content quickly and easily by topic by selecting broad categories or more specific subdisciplines. The browse function is supported by the powerful Scitation thesaurus (7,500+ terms) developed to address researchers' information needs.

More general topics:

More specific topics:

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

[+ MORE](#)

Related topics:

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

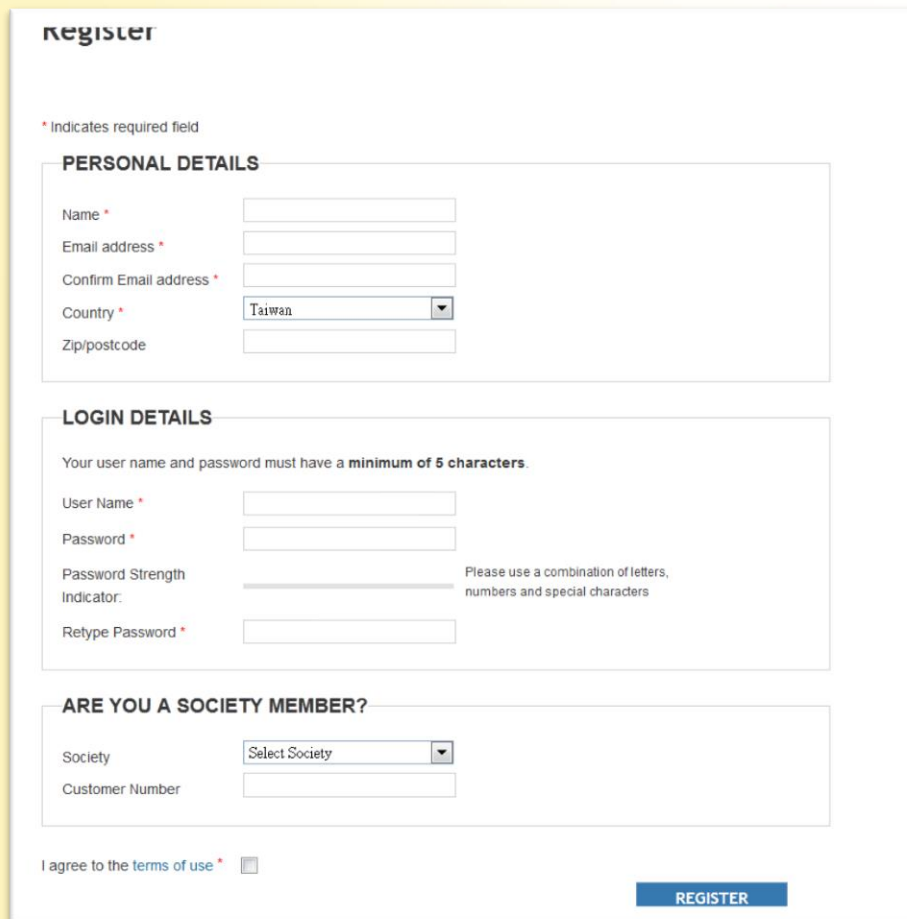
Thomas Carrell, Nina Kraus, Terry McGee and Steven Zecker
J. Acoust. Soc. Am. **97**, 3242 (1995) ; <http://dx.doi.org/10.1121/1.411741>

[+ VIEW DESCRIPTION](#)

註冊個人帳號

網址 <https://scitation.aip.org/registration/personal>

- 免費線上註冊
- 將文章加入最愛
- 訂閱目次服務
- 儲存查詢
- 查詢歷史紀錄
- 管理個人資料



The screenshot shows a web registration form titled "register". It includes a legend indicating that an asterisk (*) denotes a required field. The form is divided into three main sections: "PERSONAL DETAILS", "LOGIN DETAILS", and "ARE YOU A SOCIETY MEMBER?".

PERSONAL DETAILS

- Name *
- Email address *
- Confirm Email address *
- Country * (Dropdown menu showing "Taiwan")
- Zip/postcode

LOGIN DETAILS

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

- User Name *
- Password *
- Password Strength Indicator: A progress bar showing the strength of the password. A note states: "Please use a combination of letters, numbers and special characters".
- Retype Password *

ARE YOU A SOCIETY MEMBER?

- Society (Dropdown menu showing "Select Society")
- Customer Number

At the bottom, there is a checkbox for "I agree to the terms of use *" and a blue "REGISTER" button.

管理帳號資料

Home > My Account

My Account

From here, you can set up email alerts, save your searches, view your orders, and update your personal details. You can get back to this page at any time by clicking on 'My Account' in the right hand column.

You are signed in as:
Penny

- Sign out
- Additional sign in ▾
- Sign in via Shibboleth/Athens
- My account
- My cart

My profile & favorites

My profile

- Update email address
- Change password

Favorites

- My favorites

Searches & alerts

Alerts

- Manage alerts format
- Manage Citation alerts
- Manage Correction alerts
- Manage TOC alerts [View Add](#)
- Manage Topic alerts [View](#)
- Physics Today alerts [↗](#)

Searches

- [View search history](#)
- [Saved searches](#)
- [View search alerts](#)

Content & orders

My content

- [Subscriptions](#)

Orders

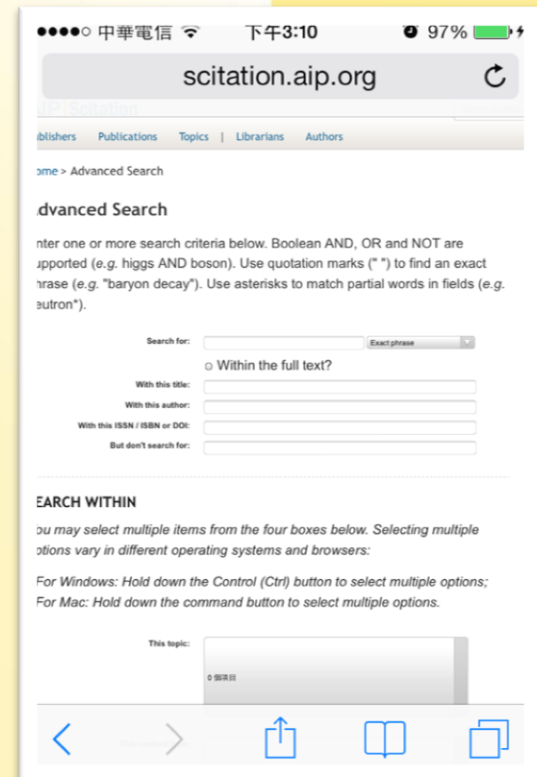
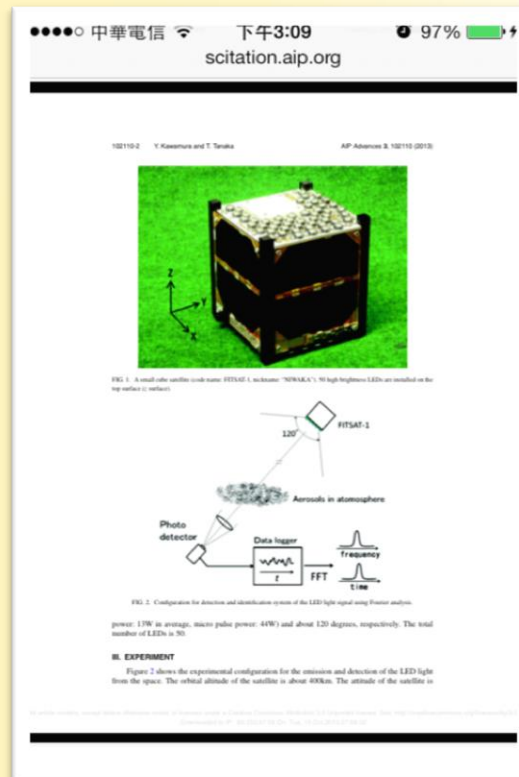
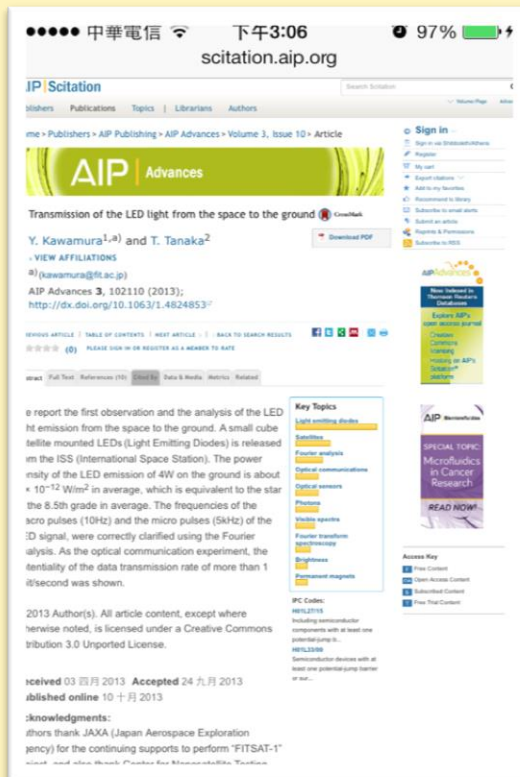
- [My orders](#)

個人資料

儲存查詢&
建立新訊通知服務

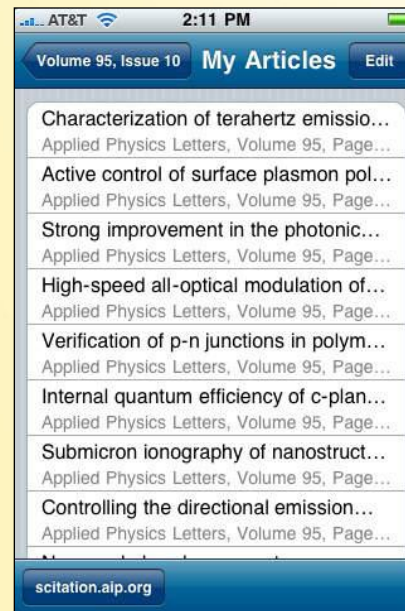
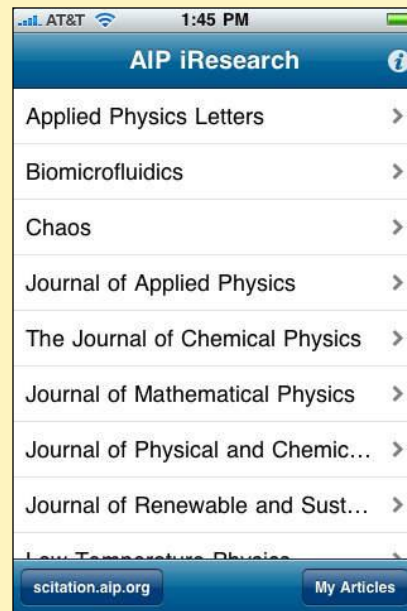
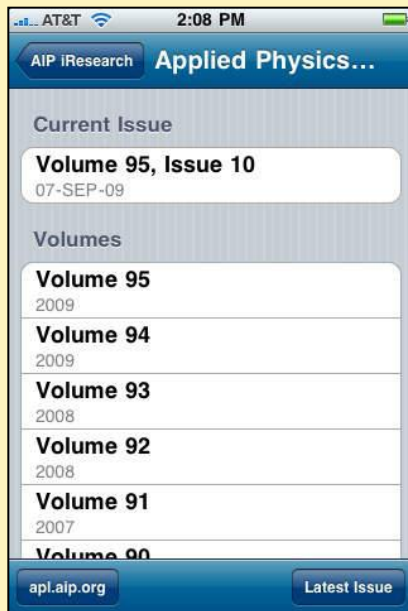
行動裝置-一般瀏覽器

- 利用行動裝置內建瀏覽器，及支援開啟PDF軟體，也可讓您研究文章帶著走。



行動裝置- 安裝APP

- ❑ 您必須先在單位訂購IP內登入使用，利用瀏覽方式將您感興趣文章下載並儲存於您的行動載具內，那麼之後您便可以在家中離線閱讀全文。



填問卷 抽禮券

<http://www.viservices.com.tw/event/training/>

Thank You!

iGroup Taiwan 長智文化事業有限公司

電話：02-2571 3369

Email：service@igrouptaiwan.com

若有任何問題，歡迎來信或來電洽詢

填問卷 抽禮券

<http://www.viservices.com.tw/event/training/>

Thank You!

iGroup Taiwan 長智文化事業有限公司

電話：02-2571 3369

Email：service@igrouptaiwan.com

若有任何問題，歡迎來信或來電洽詢



Thank You