

APS (AMERICAN PHYSICAL SOCIETY) 이용 매뉴얼

신원데이터넷

info@shinwon.co.kr

1. 출판사 소개 및 수록내용
2. APS 홈페이지 저널 이용방법
3. APS 홈페이지 저널 검색방법

□ 출판사 소개

- "To advance and diffuse the knowledge of physics"를 모토로 1899년 설립된 APS(American Physical Society)는 전 세계에서 두 번째로 규모가 큰 물리학회로 가장 많이 인용되고 있는 Physical Review를 비롯하여 13종 이상의 저널을 출판하고 있으며, 매년 물리학 관련 20회 이상의 학술행사를 개최하고 있습니다.
- APS는 자체 플랫폼을 통해 저널을 제공하고 있으며, 이용자의 편의성을 고려하여 최상의 서비스를 제공하고자 노력하고 있습니다. APS에는 전세계 대학, 연구소 및 기업으로부터 51,000명 이상의 물리학자가 멤버가 활동하고 있습니다

□ 수록내용

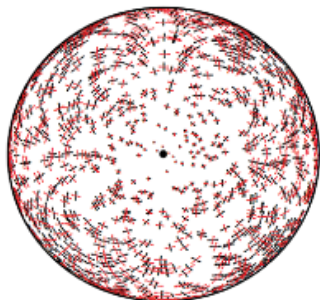
- 주제분야 : 일반 물리/응용물리 등 물리학
- 제공연도 : 1930 ~ 현재
- 제공종수 : 저널 13종
- URL: <http://www.aps.org/publications>

홈페이지 URL) [HTTPS://JOURNALS.APS.ORG/](https://journals.aps.org/)

PHYSICAL REVIEW JOURNALS

Published by the American Physical Society

[Journals](#) [Authors](#) [Referees](#) [Browse](#) [Search](#) [Press](#) 



PRL ON THE COVER

Astrometric Search Method for Individually Resolvable Gravitational Wave Sources with Gaia

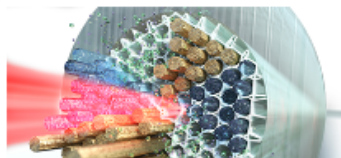
December 29, 2017

Orthographic projection of the Northern hemisphere with 1000 stars. The black (red) lines show movement tracks for a linearly plus-polarized (cross-polarized) simulated gravitational wave emanating from the North pole (black dot). Selected for an Editors' Suggestion and for a [Focus story in Physics](#).

Christopher J. Moore, Deyan P. Mihaylov, Anthony Lasenby, and Gerard Gilmore

[Phys. Rev. Lett.](#) **119**, 261102 (2017)

[Issue 26 Table of Contents](#) | [More Covers](#)



RMP ON THE COVER

Hybrid photonic-crystal fiber

November 27, 2017

Optical fibers provide much more than a means to transport light

Email Alerts

Sign up to receive regular email alerts from *Physical Review Journals*

[Sign Up](#)

PHYSICAL
REVIEW
JOURNALS

125
YEARS



Editorial: A Tale of Two Anniversaries

Publisher, Matthew Salter and
Editor in Chief, Michael

Thoennessen, kick off the 125th anniversary of *The Physical Review* and 25th anniversary of *Physical Review E*.

PHYSICAL REVIEW A 선택



- Journals ▾ Help/Feedback
- Physical Review Letters
- Physical Review X
- Reviews of Modern Physics
- Physical Review A**
- Physical Review B
- Physical Review C
- Physical Review D
- Physical Review E
- Physical Review Accelerators and Beams
- Physical Review Applied
- Physical Review Fluids
- Physical Review Materials
- Physical Review Physics Education Research
- Physics
- Physical Review
- Physical Review (Series I)

APS 저널 리스트

NEW JOURNALS

PRL ON THE COVER

Astrometric Search Method for Individually Resolvable Gravitational Wave Sources with Gaia

December 29, 2017

Orthographic projection of the Northern hemisphere with 1000 stars. The black (red) lines show movement tracks for a linearly plus-polarized (cross-polarized) simulated gravitational wave emanating from the North pole (black dot). Selected for an Editors' Suggestion and for a [Focus story in Physics](#).

Christopher J. Moore, Deyan P. Mihaylov, Anthony Lasenby, and Gerard Gilmore

Phys. Rev. Lett. **119**, 261102 (2017)

[Issue 26 Table of Contents](#) | [More Covers](#)

Email Alerts

Sign up to receive regular email alerts from *Physical Review Journals*

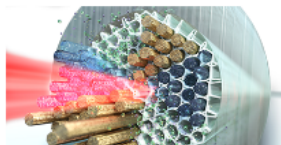
PHYSICAL REVIEW JOURNALS 125 YEARS



Editorial: A Tale of Two Anniversaries

Publisher, Matthew Salter and Editor in Chief, Michael

Thoennessen, kick off the 125th anniversary of *The Physical Review* and 25th anniversary of *Physical Review E*.



RMP ON THE COVER

Hybrid photonic-crystal fiber

November 27, 2017

Optical fibers provide much more than a means to transport light between different locations. This article reviews how integration of

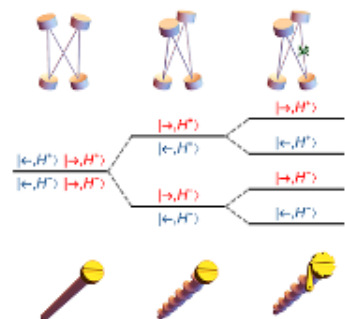
https://journals.aps.org/prl/

PHYSICAL REVIEW A 선택

PHYSICAL REVIEW A

covering atomic, molecular, and optical physics and quantum information

Highlights Recent Accepted Authors Referees Search Press About



EDITORS' SUGGESTION

Photons and
reversal no

The combination
experimentally ex
reversal symmetr
isolator, the work
many-body physics from light.

Ningyuan Jia *et al.*
Phys. Rev. A 97, 013802 (2018)

Highlights – Editor 추천 Title
Recent – 최신 아티클
Authors – 저자를 위한 정보
Referees – 추천인을 위한 정보
Search - 검색
About – 저널 상세 정보

Current Issue

Vol. 97, Iss. 1 — January 2018

[View Current Issue](#)

현재 Issue 보기

Previous Issues

Vol. 96, Iss. 6 — December 2017
Vol. 96, Iss. 5 — November 2017
Vol. 96, Iss. 4 — October 2017
Vol. 96, Iss. 3 — September 2017

[Browse All Issues](#)

이전 Issue 보기

전체 Issue 보기

Email Alerts

Sign up to receive regular email alerts from
Physical Review A

Enter your email

Sign Up

원문 열람

PHYSICAL REVIEW A

covering atomic, molecular, and optical physics and quantum information

Highlights Recent Accepted Authors Referees Search Press About

Featured in Physics

Editors' Suggestion

Photons and polaritons in a broken-time-reversal nonplanar resonator

Ningyuan Jia, Nathan Schine, Alexandros Georgakopoulos, Albert Ryou, Ariel Sommer, and Jonathan Simon
Phys. Rev. A **97**, 013802 – Published 3 January 2018



PhysICS See Synop

레퍼런스 정보

Path

인용 정보



Article

References

No Citing Articles

PDF

HTML

Export Citation

Abstract/저자 정보

원문 PDF, HTML 보기

Issue

Vol. 97, Iss. 1 — January 2018

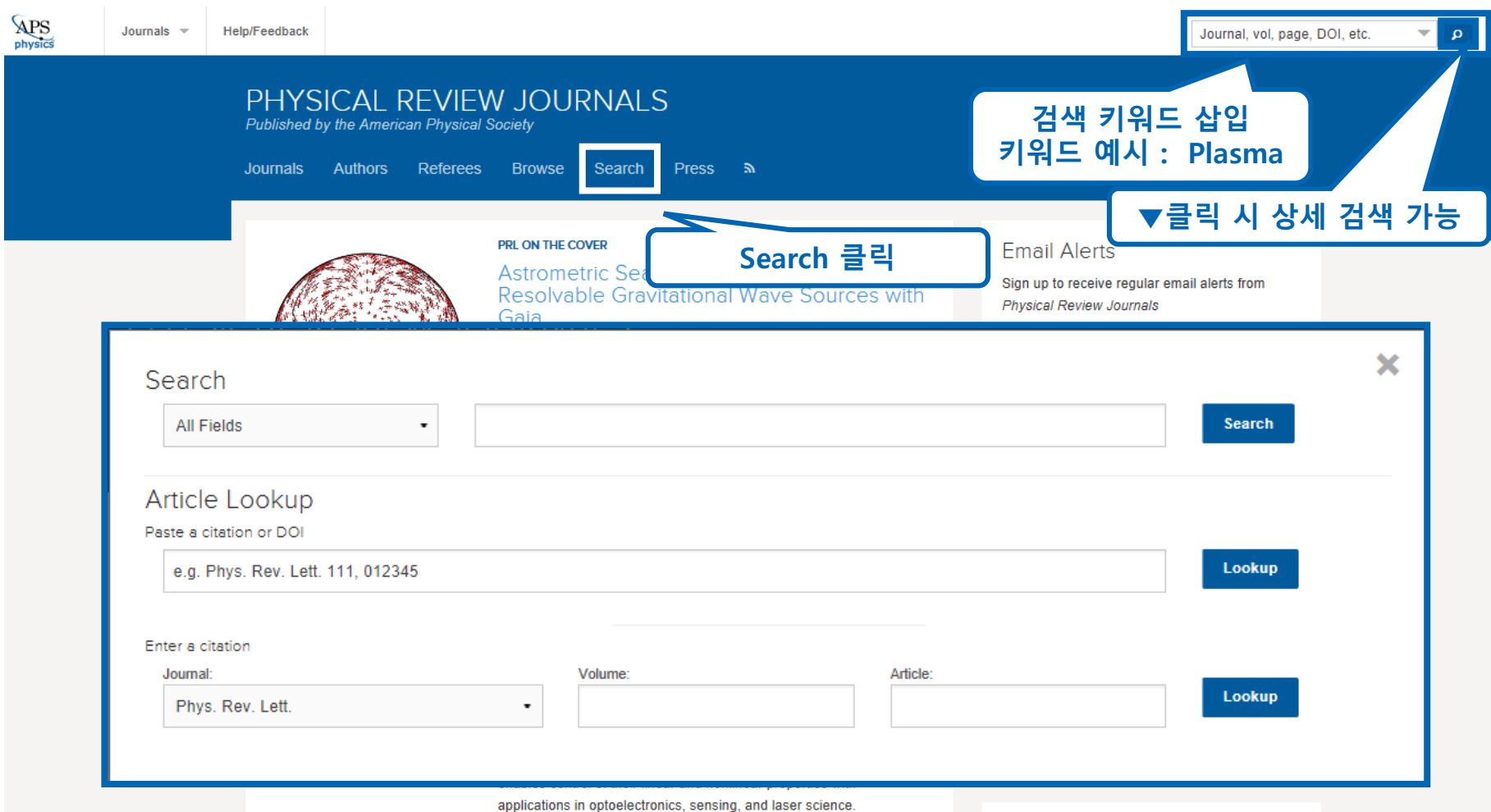


Reuse & Permissions

From generation of backscatter-free transmission lines, to optical isolators, to chiral Hamiltonian dynamics, breaking time-reversal symmetry is a key tool for development of next-generation photonic devices and materials. Of particular importance is the development of time-reversal-broken devices in the low-loss regime, where they can be harnessed for quantum materials and information processors. In this work, we experimentally demonstrate the isolation of a single, time-reversal-broken running-wave mode of a moderate-finesse optical resonator. Nonplanarity of the optical path produces a round-trip geometrical (Pancharatnam) polarization rotation, breaking the inversion symmetry of the photonic modes. The residual time-reversal symmetry between forward- σ^+ -backward- σ^- modes is broken through an atomic Faraday rotation induced by an optically pumped ensemble of ^{87}Rb atoms residing

3. APS 홈페이지 저널 검색방법

TITLE 검색



The screenshot shows the APS Physical Review Journals website. At the top right, there is a search bar with the placeholder text "Journal, vol, page, DOI, etc." and a magnifying glass icon. A callout bubble points to this search bar with the text "검색 키워드 삽입 키워드 예시 : Plasma". Below the search bar, the website header includes "PHYSICAL REVIEW JOURNALS" and "Published by the American Physical Society". A navigation menu contains "Journals", "Authors", "Referees", "Browse", "Search", and "Press". The "Search" button is highlighted with a callout bubble that says "Search 클릭". Below the navigation menu, there is a featured article titled "PRL ON THE COVER Astrometric Search for Resolvable Gravitational Wave Sources with Gaia". To the right of this article, there is an "Email Alerts" section with the text "Sign up to receive regular email alerts from Physical Review Journals". A large callout bubble at the bottom right of the featured article area says "▼클릭 시 상세 검색 가능". Below the main content area, a search modal is displayed. The modal has a title "Search" and a close button (X). It contains three search options: 1. "All Fields" search: A dropdown menu set to "All Fields", a text input field, and a "Search" button. 2. "Article Lookup" section: A sub-header "Article Lookup" with the instruction "Paste a citation or DOI". Below it is a text input field containing "e.g. Phys. Rev. Lett. 111, 012345" and a "Lookup" button. 3. "Enter a citation" section: A sub-header "Enter a citation" with three input fields: "Journal:" (a dropdown menu set to "Phys. Rev. Lett."), "Volume:", and "Article:". To the right of these fields is a "Lookup" button. Below the modal, the text "applications in optoelectronics, sensing, and laser science." is visible.

3. APS 홈페이지 저널 검색방법

TITLE 검색

검색 필드 설정 -
전체분야/저자/서지정보/Title/인용저자/소속/공동연구

All Fields - Search keywords + Search

Most Recent

검색 결과 정렬 방법 - 최신순, 관련순, 과거순, 인용순

검색 키워드 삽입
키워드 예시 : Plasma

Filters

Date:

Any time Past Week Past Month Past Year Custom Range

검색 기간 설정

Journal:

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Phys. Rev. Lett. | <input type="checkbox"/> Phys. Rev. X | <input type="checkbox"/> Rev. Mod. Phys. | <input type="checkbox"/> Phys. Rev. A |
| <input type="checkbox"/> Phys. Rev. B | <input type="checkbox"/> Phys. Rev. C | <input type="checkbox"/> Phys. Rev. D | <input type="checkbox"/> Phys. Rev. E |
| <input type="checkbox"/> Phys. Rev. Accel. Beams | <input type="checkbox"/> Phys. Rev. Applied | <input type="checkbox"/> Phys. Rev. Fluids | <input type="checkbox"/> Phys. Rev. Materials |
| <input type="checkbox"/> Phys. Rev. Phys. Educ. Res. | <input type="checkbox"/> Physics | <input type="checkbox"/> Phys. Rev. | <input type="checkbox"/> Phys. Rev. (Series I) |
| <input type="checkbox"/> Phys. Rev. Focus | | | |

저널 설정

Category:

- Featured in Physics Editors' Suggestion Open Access PRL Milestone

카테고리 설정

3. APS 홈페이지 저널 검색방법

검색 결과

Results / **1-20 of 40,115**

검색 결과 수치

You searched for **plasma**

검색 키워드

Sort

- Most Recent
- Most Relevant
- Oldest First
- Most Cited

최신순, 관련순, 과거순, 인용순 정렬

Results Per Page

20

Category

- ALL (40,115)
- Featured in Physics (368)
- Editors' Suggestion (865)
- Open Access (1,351)
- PRL Milestone (1)

Article Type

- ALL (40,115)

카테고리 별, 아티클 타입 별 분류 가능

PRE

tion in surface-wave-atmospheric pressure

Marco Antonio Ridenti, Jayr de Amorim, Arnaldo Dal Pino, Vasco Guerra, and George Petrov

Phys. Rev. E **97**, 013201 (2018)

Show Abstract +

Abstract 보기

PDF

HTML

원문 PDF, HTML 보기

PRC

Astrophysical S factor of the $^{14}\text{N}(p, \gamma)^{15}\text{O}$ reaction at 0.4–1.3 MeV

L. Wagner, S. Akhmadaliev, M. Anders, D. Bemmerer, A. Caciolli, St. Gohl, M. Grieger, A. Junghans, M. Marta, F. Munnik, T. P. Reinhardt, S. Reinicke, M. Röder, K. Schmidt, R. Schwengner, M. Serfling, M. P. Takács, T. Szücs, A. Vomiero, A. Wagner, and K. Zuber

Phys. Rev. C **97**, 015801 (2018) - Published 3 January 2018

Show Abstract +

PDF

HTML

PRB

Ultrafast dynamics in photoexcited valence-band states of Si studied by time- and angle-resolved photoemission

lip Ries, Wolfgang Heckel,

PDF

HTML

감사합니다.



신원데이터넷

(<http://www.shinwon.co.kr>)

TEL 02-326-3535

E-mail info@shinwon.co.kr