

APS

(American Physical Society)
이용매뉴얼

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1. 출판사 소개 및 수록내용
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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 총 19종의 저널을 출판하고 있으며, 매년 물리학 관련 20회 이상의 학술행사를 개최하고 있습니다.

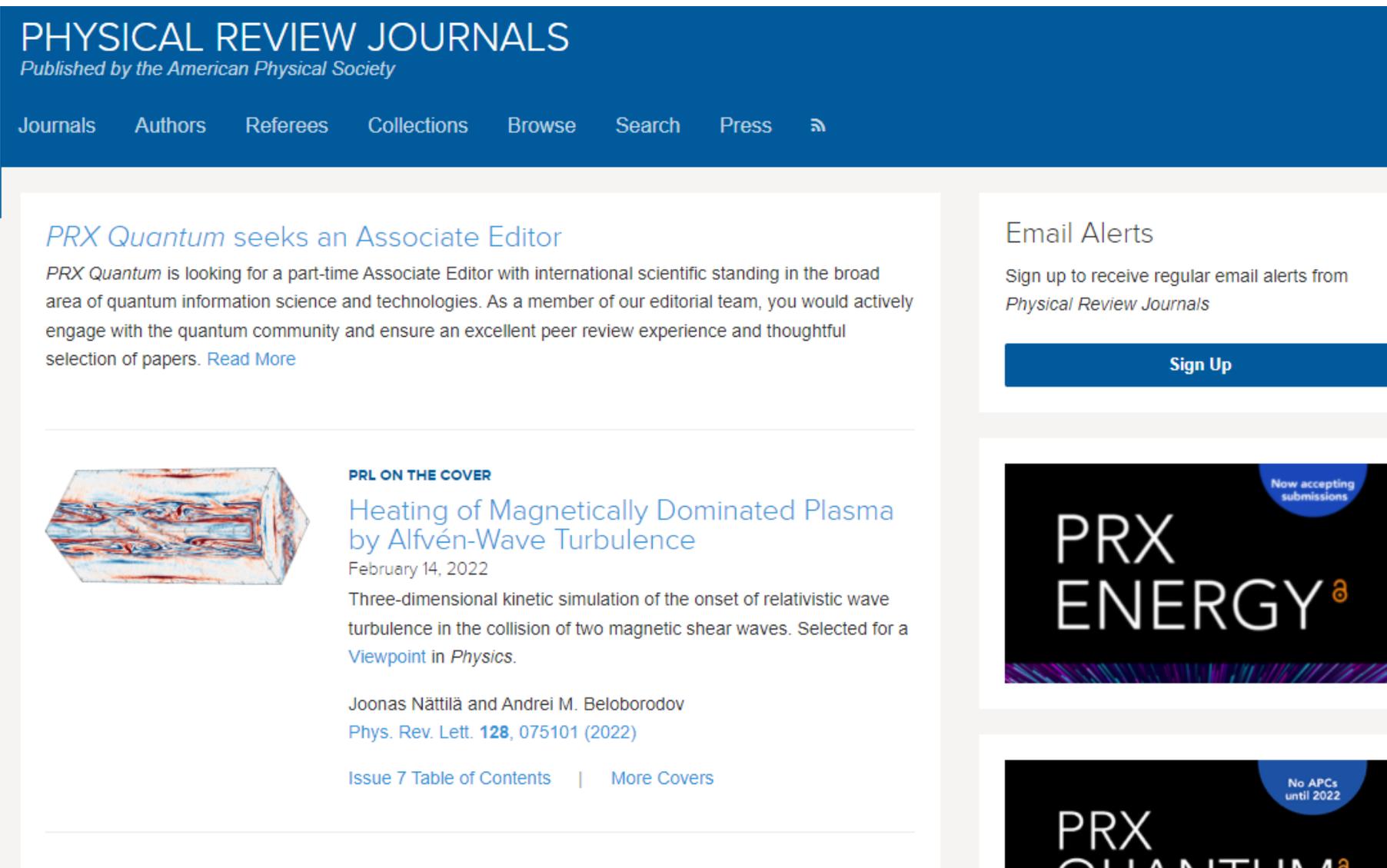
APS는 자체 플랫폼을 통해 저널을 제공하고 있으며, 이용자의 편의성을 고려하여 최상의 서비스를 제공하고자 노력하고 있습니다. APS에는 전세계 대학, 연구소 및 기업으로부터 55,000명 이상의 물리학자가 멤버가 활동하고 있습니다.

□ 수록내용

- 주제분야 : 일반 물리/응용물리 등 물리학
- 제공연도 : 1930 ~ 현재
- 제공종수 : 저널 19종
- URL: <https://www.aps.org/publications/>

2. APS 홈페이지 저널 이용방법

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



The screenshot shows the homepage of Physical Review Journals. The header is dark blue with the title 'PHYSICAL REVIEW JOURNALS' and the subtitle 'Published by the American Physical Society'. Below the header is a navigation menu with links for Journals, Authors, Referees, Collections, Browse, Search, and Press. The main content area features a featured article titled 'PRX Quantum seeks an Associate Editor' with a 'Read More' link. Below this is a section for 'PRL ON THE COVER' featuring a 3D visualization of plasma turbulence, titled 'Heating of Magnetically Dominated Plasma by Alfvén-Wave Turbulence' by Joonas Näättilä and Andrei M. Beloborodov. The article is dated February 14, 2022, and is selected for a Viewpoint in Physics. At the bottom of the article section are links for 'Issue 7 Table of Contents' and 'More Covers'. On the right side of the page, there is an 'Email Alerts' section with a 'Sign Up' button. Below the email alerts are two promotional banners for PRX Energy and PRX Quantum, both with 'Now accepting submissions' and 'No APCs until 2022' text.

PHYSICAL REVIEW JOURNALS
Published by the American Physical Society

Journals Authors Referees Collections Browse Search Press

PRX Quantum seeks an Associate Editor
PRX Quantum is looking for a part-time Associate Editor with international scientific standing in the broad area of quantum information science and technologies. As a member of our editorial team, you would actively engage with the quantum community and ensure an excellent peer review experience and thoughtful selection of papers. [Read More](#)

PRL ON THE COVER
Heating of Magnetically Dominated Plasma by Alfvén-Wave Turbulence
February 14, 2022
Three-dimensional kinetic simulation of the onset of relativistic wave turbulence in the collision of two magnetic shear waves. Selected for a *Viewpoint* in *Physics*.
Joonas Näättilä and Andrei M. Beloborodov
Phys. Rev. Lett. **128**, 075101 (2022)
[Issue 7 Table of Contents](#) | [More Covers](#)

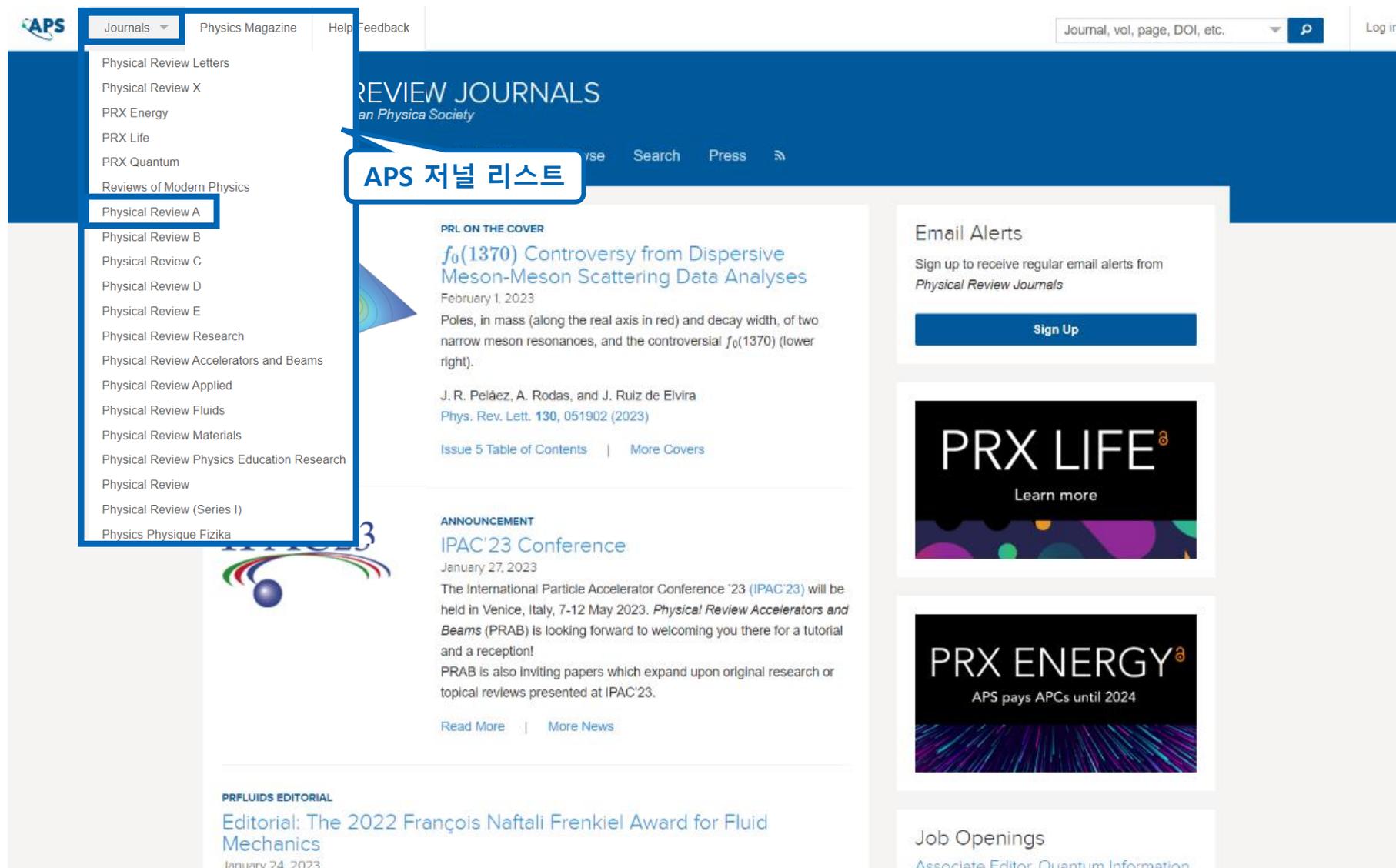
Email Alerts
Sign up to receive regular email alerts from *Physical Review Journals*
Sign Up

Now accepting submissions
PRX ENERGY

No APCs until 2022
PRX QUANTUM

2. APS 홈페이지 저널 이용방법

PHYSICAL REVIEW A 선택



The screenshot shows the APS website interface. A blue navigation bar at the top contains the APS logo, a 'Journals' dropdown menu, and links for 'Physics Magazine', 'Help', and 'Feedback'. A search bar is located on the right side of the navigation bar. The 'Journals' dropdown menu is open, listing various journals, with 'Physical Review A' highlighted. A blue callout box with the text 'APS 저널 리스트' (APS Journal List) points to the dropdown menu. The main content area features a 'REVIEW JOURNALS' header and a featured article titled ' $f_0(1370)$ Controversy from Dispersive Meson-Meson Scattering Data Analyses'. Below this, there is an announcement for the 'IPAC'23 Conference'. On the right side, there are sections for 'Email Alerts', 'PRX LIFE', 'PRX ENERGY', and 'Job Openings'.

APS 저널 리스트

Physical Review Letters
Physical Review X
PRX Energy
PRX Life
PRX Quantum
Reviews of Modern Physics
Physical Review A
Physical Review B
Physical Review C
Physical Review D
Physical Review E
Physical Review Research
Physical Review Accelerators and Beams
Physical Review Applied
Physical Review Fluids
Physical Review Materials
Physical Review Physics Education Research
Physical Review
Physical Review (Series I)
Physics Physique Fizika

REVIEW JOURNALS
an Physica Society

Journal, vol, page, DOI, etc. [Search] Log in

PRL ON THE COVER
 $f_0(1370)$ Controversy from Dispersive Meson-Meson Scattering Data Analyses
February 1, 2023
Poles, in mass (along the real axis in red) and decay width, of two narrow meson resonances, and the controversial $f_0(1370)$ (lower right).
J. R. Peláez, A. Rodas, and J. Ruiz de Elvira
Phys. Rev. Lett. **130**, 051902 (2023)
[Issue 5 Table of Contents](#) | [More Covers](#)

ANNOUNCEMENT
IPAC'23 Conference
January 27, 2023
The International Particle Accelerator Conference '23 (IPAC'23) will be held in Venice, Italy, 7-12 May 2023. *Physical Review Accelerators and Beams* (PRAB) is looking forward to welcoming you there for a tutorial and a reception!
PRAB is also inviting papers which expand upon original research or topical reviews presented at IPAC'23.
[Read More](#) | [More News](#)

PRFLUIDS EDITORIAL
Editorial: The 2022 François Naftali Frenkiel Award for Fluid Mechanics
January 24, 2023

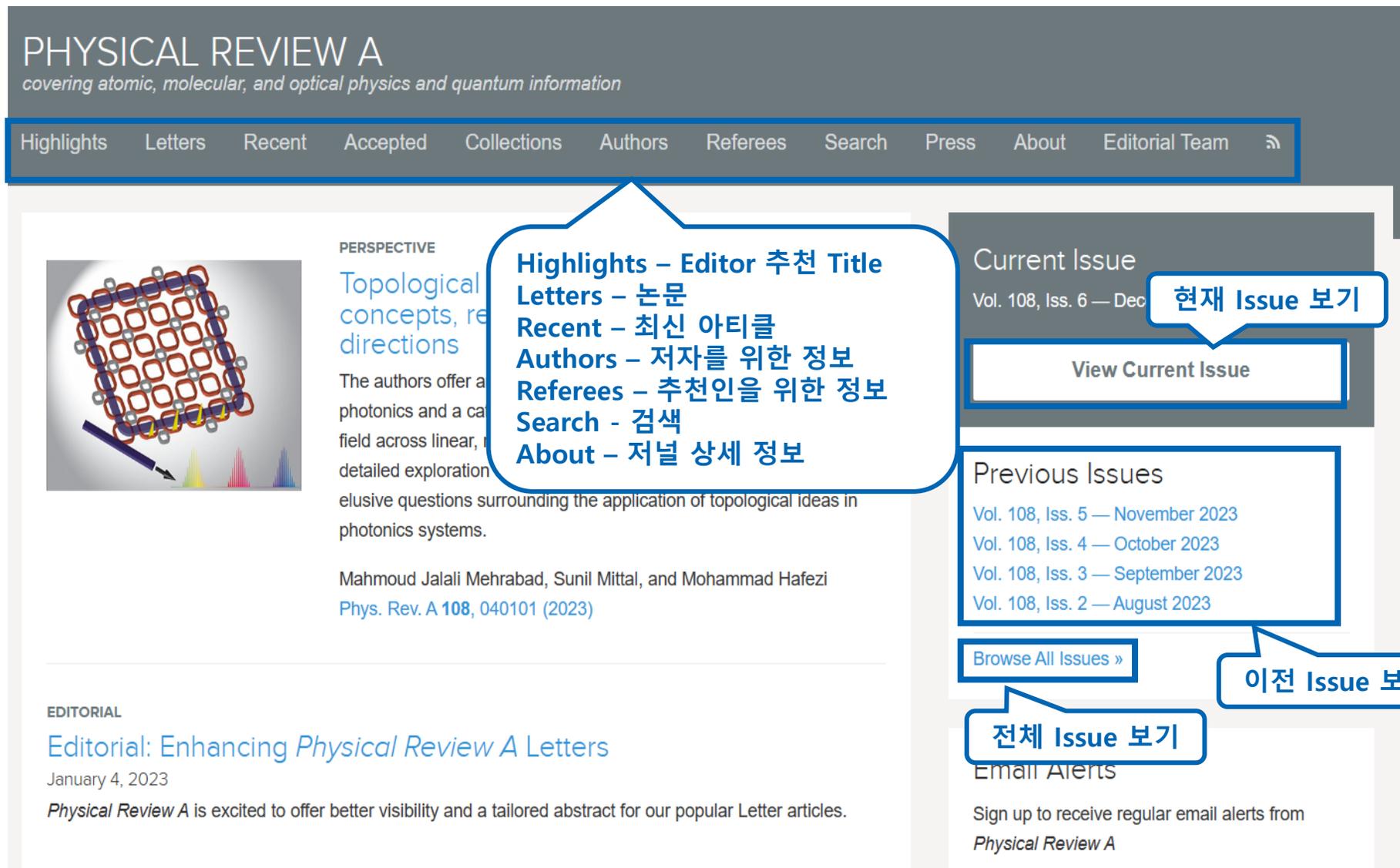
Email Alerts
Sign up to receive regular email alerts from *Physical Review Journals*
[Sign Up](#)

PRX LIFE
Learn more

PRX ENERGY
APS pays APCs until 2024

Job Openings
[Associate Editor](#) [Quantum Information](#)

PHYSICAL REVIEW A 선택



PHYSICAL REVIEW A
covering atomic, molecular, and optical physics and quantum information

Highlights Letters Recent Accepted Collections Authors Referees Search Press About Editorial Team

PERSPECTIVE
Topological concepts, re directions
The authors offer a photonics and a ca field across linear, detailed exploration elusive questions surrounding the application of topological ideas in photonics systems.
Mahmoud Jalali Mehrabad, Sunil Mittal, and Mohammad Hafezi
Phys. Rev. A **108**, 040101 (2023)

EDITORIAL
Editorial: Enhancing *Physical Review A* Letters
January 4, 2023
Physical Review A is excited to offer better visibility and a tailored abstract for our popular Letter articles.

Current Issue
Vol. 108, Iss. 6 — Dec
현재 Issue 보기
View Current Issue

Previous Issues
Vol. 108, Iss. 5 — November 2023
Vol. 108, Iss. 4 — October 2023
Vol. 108, Iss. 3 — September 2023
Vol. 108, Iss. 2 — August 2023
이전 Issue 보기
Browse All Issues »

전체 Issue 보기

Email Alerts
Sign up to receive regular email alerts from *Physical Review A*

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

원문 열람

The screenshot shows the APS Physical Review A website interface. The article title is "Artificial intelligence and machine learning for quantum technologies" by Mario Krenn and Florian Marquardt. The page includes navigation tabs like "Perspective" and "Open Access", and a menu with options such as "Highlights", "Letters", "Recent", "Accepted", "Collections", "Authors", "Referees", "Search", "Press", "About", and "Editorial Team".

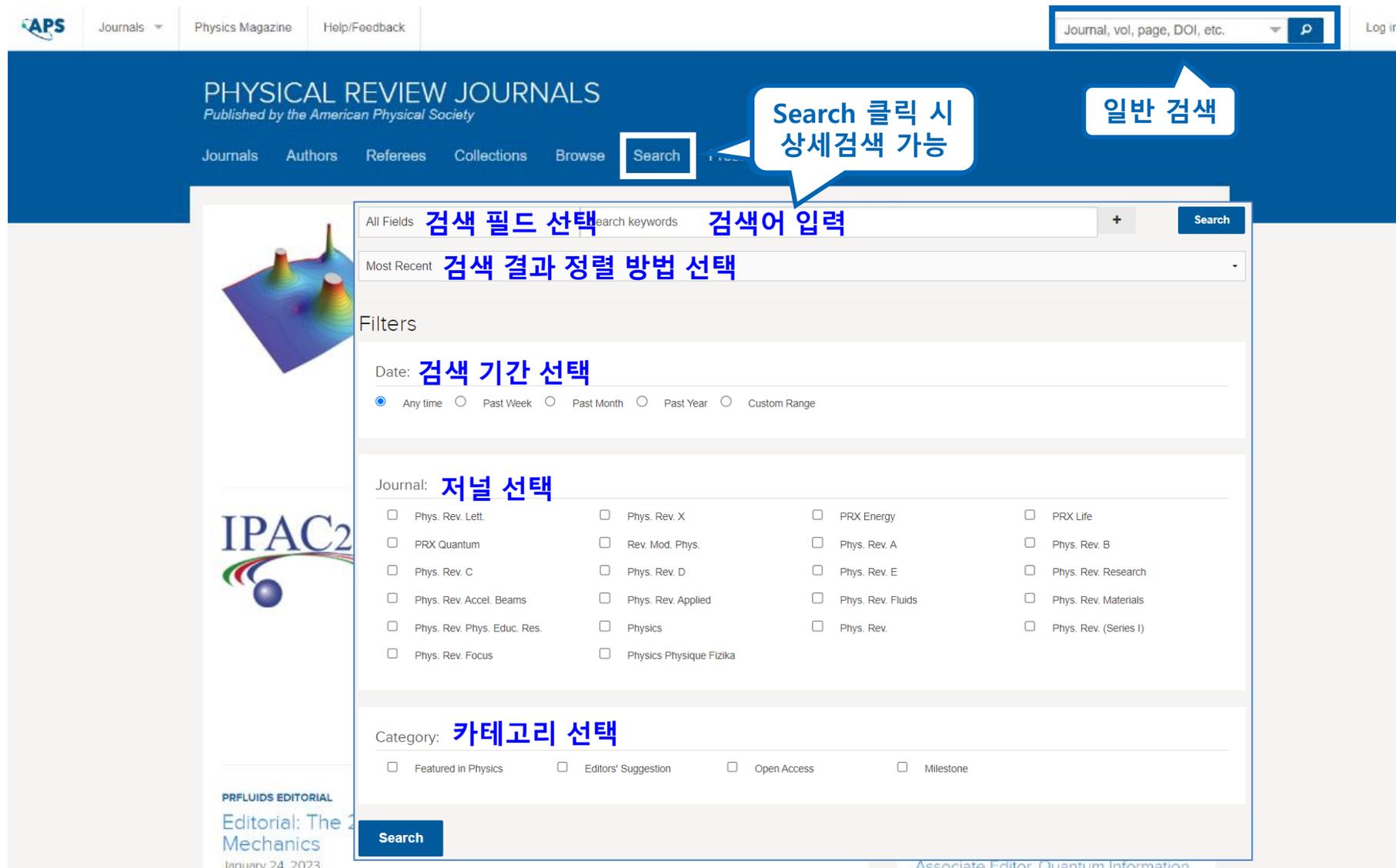
Annotations on the page include:

- 레퍼런스 정보** (Reference information) pointing to the "References" tab.
- 인용 정보** (Citation information) pointing to the "Export Citation" button.
- Abstract/저자 정보** (Abstract/Author information) pointing to the "Article" tab.
- 원문 PDF, HTML 보기** (View original PDF, HTML) pointing to the "PDF" and "HTML" buttons.
- 타 플랫폼 공유 횟수/공유하기** (Share count on other platforms/Share) pointing to the social media share icons.

The article abstract text reads: "In recent years the dramatic progress in machine learning has begun to impact many areas of science and technology significantly. In the present perspective article, we explore how quantum technologies are benefiting from this revolution. We showcase in illustrative examples how scientists in the past few years have started to use machine learning and more broadly methods of artificial intelligence to analyze quantum measurements, estimate the parameters of quantum devices, discover new quantum experimental setups, protocols, and feedback strategies, and generally improve aspects of quantum computing, quantum communication, and quantum simulation. We highlight open challenges and future possibilities and conclude with some speculative visions for the next decade."

3. APS 홈페이지 저널 검색방법

TITLE 검색



The screenshot shows the APS Physical Review Journals search page. A search bar at the top right contains the text "Journal, vol, page, DOI, etc." and a search icon. A "Log in" link is also present. The main navigation bar includes "Journals", "Authors", "Referees", "Collections", "Browse", and a "Search" button. A callout bubble points to the "Search" button with the text "Search 클릭 시 상세검색 가능". Another callout bubble points to the search bar with the text "일반 검색".

The search interface is divided into several sections:

- Search keywords:** A text input field with the placeholder "검색어 입력".
- Filters:**
 - Date:** "검색 기간 선택" with radio buttons for "Any time", "Past Week", "Past Month", "Past Year", and "Custom Range".
 - Journal:** "저널 선택" with a grid of checkboxes for various journals including Phys. Rev. Lett., PRX Quantum, Phys. Rev. C, Phys. Rev. Accel. Beams, Phys. Rev. Phys. Educ. Res., Phys. Rev. Focus, Phys. Rev. X, Rev. Mod. Phys., Phys. Rev. D, Phys. Rev. Applied, Physics, Physics Physique Fizika, PRX Energy, Phys. Rev. A, Phys. Rev. E, Phys. Rev. Fluids, Phys. Rev., PRX Life, Phys. Rev. B, Phys. Rev. Research, Phys. Rev. Materials, and Phys. Rev. (Series I).
 - Category:** "카테고리 선택" with checkboxes for "Featured in Physics", "Editors' Suggestion", "Open Access", and "Milestone".
- Search:** A blue "Search" button at the bottom of the filter section.

3. APS 홈페이지 저널 검색방법

검색 결과: 예-PLASMA 검색

Results / **1-20 of 53,852** 총 검색 결과

You searched for **plasma** 검색 키워드

Sort: Most Recent

검색 결과 정렬 방법 선택: 최신순, 관련순, 과거순, 인용순 정렬

Most Recent
Most Relevant
Oldest First
Most Cited

20

PhySH Concept

- ALL (53,852)
- Optics & lasers (2,500)
- Relativistic heavy-ion collisions (1,989)
- Quantum field theory (1,638)
- 3-dimensional systems (1,533)
- Optical & microwave phenomena (1,503)
- Cosmology (1,441)
- Strong interaction (1,369)

Show More

Show Abstract + Abstract 보기

PDF **HTML** 원문 PDF, HTML 보기

PRE **PDF** **HTML**

PDF **HTML**

PDF **HTML**

PhySH : Physical Subject Headings

감사합니다

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