

PNAS

(Proceedings of National Academy of Science)

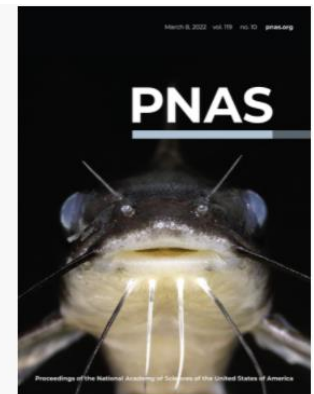
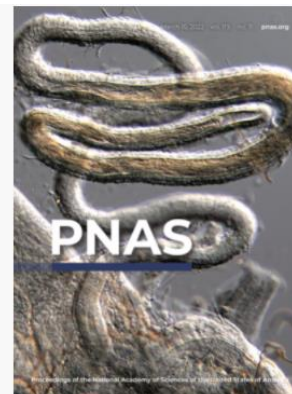
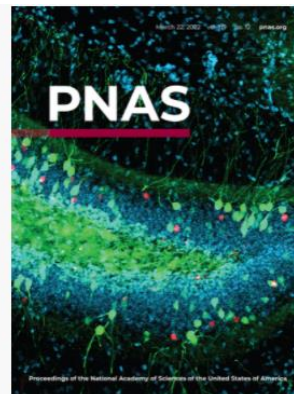
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1. About PNAS
2. Browse PNAS
3. Search PNAS



- ❑ Publisher : National Academy of Science
- ❑ 서비스 URL : <https://www.pnas.org>
- ❑ 1914년부터 발간된 PNAS는 전세계적으로 인용도가 가장 높은 저널임 (2020 Impact Factor : 11.205)
- ❑ 현재 약 50개 국가에서 구독 중이며, 120여개의 개발도상국 국가에 Free online access 제공하고 매일 새로운 온라인 기사와 매주 새 이슈를 발간
- ❑ 주제분야 : Biological, Physical, Social Sciences
- ❑ 제공 년도 : 1915년 ~ 현재



2. Browse PNAS

- PANS Main Homepage (URL : pnas.org)



The screenshot shows the PNAS Main Homepage. At the top, there is a navigation bar with links: ARTICLES, FRONT MATTER, AUTHORS, TOPICS, and COVID-19. To the right of these links are search, shopping cart, and login buttons (SIGN IN, SUBMIT). Below the navigation bar, there is a large banner area. On the left side of the banner, there are four callout boxes: 'Articles : 최신 이슈, 최신 아티클, 이슈 리스트 등 제공', 'Front Matter : 최신 연구 동향 자료 제공', 'Authors : 저자를 위한 정보, 정책, 절차, 비용 안내', and 'Topic : 물리, 사회과학, 생물 관련 Topic 제공'. In the center of the banner, it says 'March 29, 2022; vol. 119 no. 13' and 'Volume 119, Issue 13: View articles in the latest issue of PNAS.' On the right side of the banner, there is a callout box that says '기본검색 및 Advance Search, 로그인'. At the bottom of the banner, there are three buttons: 'SIGN UP FOR ALERTS', 'AUTHOR CENTER', and 'SUBMIT'. Below the banner, there is a section titled 'Current Issue' with the date 'MARCH 29, 2022 | VOL. 119 | NO. 13'. To the left of this section, there is a callout box that says '최신 이슈 정보 제공'. Below the 'Current Issue' section, there is a thumbnail image of the PNAS journal cover and a list of links: 'THIS WEEK IN PNAS | MARCH 29, 2022 | FREE ACCESS', 'In This Issue', 'Main Homepage', 'In the News', 'Most Read | Most Cited', 'Science Sessions Podcasts', 'Front Matter', and 'Recent Issue'.

PNAS

ARTICLES FRONT MATTER AUTHORS TOPICS COVID-19

Articles : 최신 이슈, 최신 아티클, 이슈 리스트 등 제공
Front Matter : 최신 연구 동향 자료 제공
Authors : 저자를 위한 정보, 정책, 절차, 비용 안내
Topic : 물리, 사회과학, 생물 관련 Topic 제공

기본검색 및 Advance Search, 로그인

March 29, 2022; vol. 119 no. 13

Volume 119, Issue 13: View articles in the latest issue of PNAS.

Sign up for alerts : 신규 콘텐츠, 인용, 아티클, 토픽 알람 설정
Author Center : 아티클 출판을 위한 정보 제공 페이지
Submit : Manuscript 제출 시스템

SIGN UP FOR ALERTS AUTHOR CENTER SUBMIT

Current Issue
MARCH 29, 2022 | VOL. 119 | NO. 13

최신 이슈 정보 제공

THIS WEEK IN PNAS | MARCH 29, 2022 | FREE ACCESS
In This Issue

PNAS

Main Homepage
In the News
Most Read | Most Cited
Science Sessions Podcasts
Front Matter
Recent Issue

2. Browse PNAS

• PANS Journals Access



The image shows the top navigation bar of the PNAS website. The navigation menu includes: ARTICLES ^, FRONT MATTER, AUTHORS v, TOPICS +, a search icon, a shopping cart icon, DIENA C... v, and a SUBMIT button. A sidebar on the left contains a list of links: CURRENT ISSUE, LATEST ARTICLES, SPECIAL FEATURES, LIST OF ISSUES, and PNAS NEXUS. The main content area displays 'Current Issue' for March 29, 2022, Vol. 119, No. 13, with links for PREVIOUS ISSUE, ALL ISSUES, and NEXT ISSUE >.

PNAS

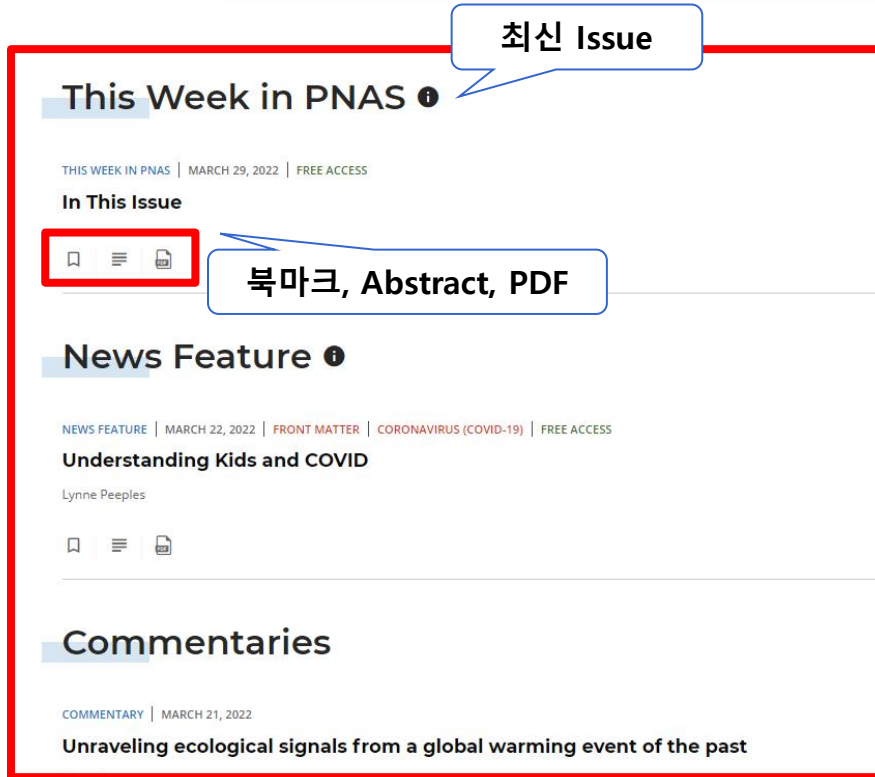
ARTICLES ^ FRONT MATTER AUTHORS v TOPICS +

Q SHOPPING CART DIENA C... v SUBMIT

CURRENT ISSUE
LATEST ARTICLES
SPECIAL FEATURES
LIST OF ISSUES
PNAS NEXUS

Current Issue
MARCH 29, 2022 | VOL. 119 | NO. 13
< PREVIOUS ISSUE ALL ISSUES NEXT ISSUE >

이전이슈, 전체이슈, 다음이슈 보기



The image shows the 'This Week in PNAS' section. It includes a 'In This Issue' section with icons for bookmark, list, and PDF. Below this is a 'News Feature' section titled 'Understanding Kids and COVID' by Lynne Peeples. At the bottom is a 'Commentaries' section titled 'Unraveling ecological signals from a global warming event of the past'.

최신 Issue

This Week in PNAS ⓘ

THIS WEEK IN PNAS | MARCH 29, 2022 | FREE ACCESS

In This Issue

북마크, Abstract, PDF

News Feature ⓘ

NEWS FEATURE | MARCH 22, 2022 | FRONT MATTER | CORONAVIRUS (COVID-19) | FREE ACCESS

Understanding Kids and COVID

Lynne Peeples

Commentaries

COMMENTARY | MARCH 21, 2022

Unraveling ecological signals from a global warming event of the past



The image shows a sidebar with links for cover information: ABOUT THE COVER, TABLE OF CONTENTS (PDF), MASTHEAD (PDF), ORDER A PRINT COPY, and VIEW PAST ISSUES >.

ABOUT THE COVER
TABLE OF CONTENTS (PDF)
MASTHEAD (PDF)
ORDER A PRINT COPY
VIEW PAST ISSUES >

커버 이미지 정보
목차(PDF)
발행인 정보
프린트 카피 주문
지난 Issue 보기

2. Browse PNAS

- PANS All Issues (Current & Archives)

Issues Archives

연도별 이슈 보기

2020s 2010s 2000s 1990s 1980s 1970s 1960s 1950s 1940s 1930s 1920s 1910s
2022 2021 2020

2022

다음 이슈 발행 정보

과거 이슈 발행 정보

PNAS

ISSUE IN PROGRESS

April 12, 2022 | Vol. 119 | No. 15

PNAS

ISSUE IN PROGRESS

April 5, 2022 | Vol. 119 | No. 14

PNAS

CURRENT ISSUE

March 29, 2022 | Vol. 119 | No. 13

PNAS

March 22, 2022 | Vol. 119 | No. 12

2. Browse PNAS

• 원문 보기

PNAS A "more ammonium solution" to mitigate nitrogen pollution and boost crop yields

메인페이지 이동

공유, 알람, 북마크, 인용, PDF 다운로드 제공

아티클 유형, 토픽, OA 확인 및 SNS 공유가능

아티클 정보(저자, 출간일, DOI 정보 제공)

섹션별 이동 제공

PDF 원문 보기

저자 정보, Metrics, 열람 옵션, 레퍼런스, 시각자료, 공유 기능 미리보기 제공

PNAS
Vol. 118 | No. 22

Enter Ammonium
New Opportunities
Overcoming Limitations
Supporting Information
Footnote
References

Two of the world's great agricultural challenges require bold new approaches and could share a solution. Nitrogen (N) pollution, affecting water, air, and the climate, presents one massive challenge. Ninety percent of increased reactive N originates as synthetic fertilizer applied to agricultural fields or N fixed in them (1). Because crops take up only 47% of the total applied N, more than half is lost to the environment. Despite some recent regional improvements in nitrogen use efficiency, global N losses have not increased since 1980. Yet even if by 2050 the world increased nitrogen use efficiency 50%, increases in food production would maintain N losses at present, unacceptable levels (3).

Metrics & Citations

Article usage

Media

Figures

Tables

Other

Go to Figure

Open in Viewer

3. Search PNAS

- Basic Search

The screenshot shows the PNAS website's search interface. The header includes the PNAS logo, navigation links (ARTICLES, FRONT MATTER, AUTHORS, TOPICS), a COVID-19 button, a search icon, a shopping cart icon, a User Name field, and a SUBMIT button. The main search area features a large text input field with the placeholder "Enter text / DOI / keywords / authors / etc". Below this is a "SEARCHING:" dropdown menu with options "Anywhere", "Anywhere", and "Citation". To the right of the dropdown is an "ADVANCED SEARCH" button and a "SEARCH >" button. Below the search area is a "SUGGESTED SEARCHES:" section with buttons for "COVID-19", "DEMOGRAPHY", "SUSTAINABILITY", "CLIMATE CHANGE", and "MICROBIOME". The bottom section of the page is titled "Current Issue" and displays "MARCH 29, 2022 | VOL. 119 | NO. 13". Below this is a "THIS WEEK IN PNAS" section with the date "MARCH 29, 2022" and "FREE ACCESS". The footer includes a "In This Issue" section.

PNAS

ARTICLES ▾ FRONT MATTER AUTHORS ▾ TOPICS + COVID-19

🔍 🛒 User Name SUBMIT

검색창 열기

검색 키워드 입력

Enter text / DOI / keywords / authors / etc

SEARCHING: Anywhere ▾

Anywhere

Citation

ADVANCED SEARCH SEARCH >

상세 검색 바로가기
(다음 페이지 참조)

검색 범위 설정

SUGGESTED SEARCHES:

COVID-19 DEMOGRAPHY SUSTAINABILITY CLIMATE CHANGE MICROBIOME

추천 검색어

Current Issue

MARCH 29, 2022 | VOL. 119 | NO. 13

THIS WEEK IN PNAS | MARCH 29, 2022 | FREE ACCESS

In This Issue

Advanced Search

검색 관련 Tip

Search Tips

Search for DOIs using the format
10.1073/pnas.2025764118 (do not add https://doi.org/).

• Search Results

The screenshot shows the PNAS search results for the keyword 'proteomics'. The interface includes a search bar at the top with the text 'proteomics' and a 'SEARCH' button. Below the search bar, there are filters on the left side, including 'PUBLICATION DATE' (with a bar chart showing results from 1999 to 2022) and 'AUTHOR' (listing authors like Yates, John R III, Gygi, Steven P, Heck, Albert J R, Cravatt, Benjamin F, and Eisenberg, David). The main results area shows a list of articles, with the first article titled 'In vivo mRNA display enables large-scale proteomics by next-generation sequencing' and the second article titled 'Precision proteomics: The case for high resolution and high mass accuracy'. Annotations in blue boxes highlight specific features: '추가 검색' (Additional Search) points to the search bar; '검색 키워드, 재검색' (Search Keyword, Re-search) points to the search bar; '출판 기간, 저자, 출판 품목, 키워드, 토픽, 아티클타입 필터링 가능' (Publication period, author, publication item, keyword, topic, article type filtering possible) points to the filters; '검색 결과, 검색 저장, RSS, 정렬기준 설정 아티클/블로그&팟캐스트/기타 유형별 검색결과 제공' (Search results, search save, RSS, sorting criteria setting, article/blog&podcast/etc type-specific search results provided) points to the article list; and '북마크/초록/PDF보기/지원정보 보기' (Bookmark/Abstract/PDF view/Support info view) points to the icons below the article titles.

추가 검색

proteomics

REFINE

검색 키워드, 재검색

3577 RESULTS FOR "PROTEOMICS"

SAVE SEARCH

SORT BY RELEVANCE

출판 기간, 저자, 출판 품목, 키워드, 토픽, 아티클타입 필터링 가능

ARTICLES

BLOGS / PODCASTS

OTHERS

검색 결과, 검색 저장, RSS, 정렬기준 설정 아티클/블로그&팟캐스트/기타 유형별 검색결과 제공

RESEARCH ARTICLE | APPLIED BIOLOGICAL SCIENCES | OCTOBER 2018

In vivo mRNA display enables large-scale proteomics by next-generation sequencing

Large-scale proteomic methods are essential for the functional characterization of proteins in their native cellular context. However, proteomics has lagged far behind genomic approaches in scalability, standardization, and cost....

Panos Oikonomou, Roberto Salatino, Saeed Tavazoie

북마크/초록/PDF보기/지원정보 보기

PERSPECTIVE | NOVEMBER 25, 2008 | FREE ACCESS

Precision proteomics: The case for high resolution and high mass accuracy

Proteomics has progressed radically in the last 5 years and is now on par with most genomic technologies in throughput and comprehensiveness. Analyzing peptide mixtures by liquid chromatography coupled to high-...

Matthias Mann, Neil L. Kelleher

AUTHOR

Yates, John R III 21

Gygi, Steven P 20

Heck, Albert J R 20

Cravatt, Benjamin F 16

Eisenberg, David 16

MORE

PUBLICATION

Proceedings of the National Academy of Sciences 3577

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