

Navigating the Road to Open Access:



Opening Up More Opportunities for Your Institution

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ASEAN & Oceania



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Topics

- ACS Open Access
- ACS “Open” Story
- ACS Support Open Science
- Opening opportunities for your institution through ACS Publications Services

ACS Open Access

Open access is **one of core elements of open science**, making research article openly and freely available to anyone who seeks to access, read, and build upon them. This is typically facilitated by article publishing fees, which in most cases are paid by an author's research grant, a research fund, or through an **read and publish agreement**.

Helping researchers
increase transparency,
expand access, and broaden
the range of research
outputs

Open access research articles published in ACS journals are subject to the same rigorous peer review and high publishing standard as all our content.

There are two common paths to make your article available in open access: the **“gold”** and **“green”** routes



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ACS Investment in, and Commitment to, Open Access

ACS authors publishing open access*

66% INCREASE
in last two years

ACS articles published open access

63% INCREASE
in last two years

ACS open access article downloads

101% INCREASE
in last two years

*Denotes corresponding authors

- Launch 16 fully open access journals
- Extensive hybrid journals program
- Option to publish OA in all 60+ transformative journals
- Investment in workflows to support OA publishing
- Actively working towards read and publish agreements with consortia partners worldwide



ACS “Open” Story



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ACS “Open” Story

Over a decade of supporting open science

From the opening of selected journal archives more than decade ago, ACS has a long history of championing open science.

Discover some of the selected highlights from the last 10 years below.



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Over 400 institutions now covered by ACS read and publish agreements

ACS Journal Finder launched to help researchers navigate institutional and research funder open access policies

All ACS hybrid journals certified as Transformative Journals under Plan S

ACS Publications joins OASPA (Open Access Scholarly Publishers Association)



ACS read and publish agreements expand to cover **over 1,000 institutions** worldwide

Launch of ACS-sponsored open access for authors at participating primarily undergraduate institutions (PUIs)

Introduction of new zero-embargo green open access option for authors



2024

Open access reporting through OA Switchboard goes live for institutional customers

Over 1500 institutions covered by ACS read and publish agreements

2022

Transparent peer review pilot begins in *ACS Central Science* and *The Journal of Physical Chemistry Letters*



2023



ACS Supports Open Science



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ACS Supports Open Science

- 16 fully open access journals covering every area of chemistry
- Authors can publish open access in all 85+ ACS journals
- ACS Journal Finder tool helps researchers ensure funder OA requirement compliance
- Other ACS initiatives that support OA include ChemRxiv, R&P Agreement, and SciMeetings.



Publish OA through R&P is an option

- Help to speed the transition to open science
- Simple, streamlined process for authors to publish open access and meet funder mandates
- Institutions maintain access to ACS journal content
- More than 1037 agreements signed in 37 countries, with more coming



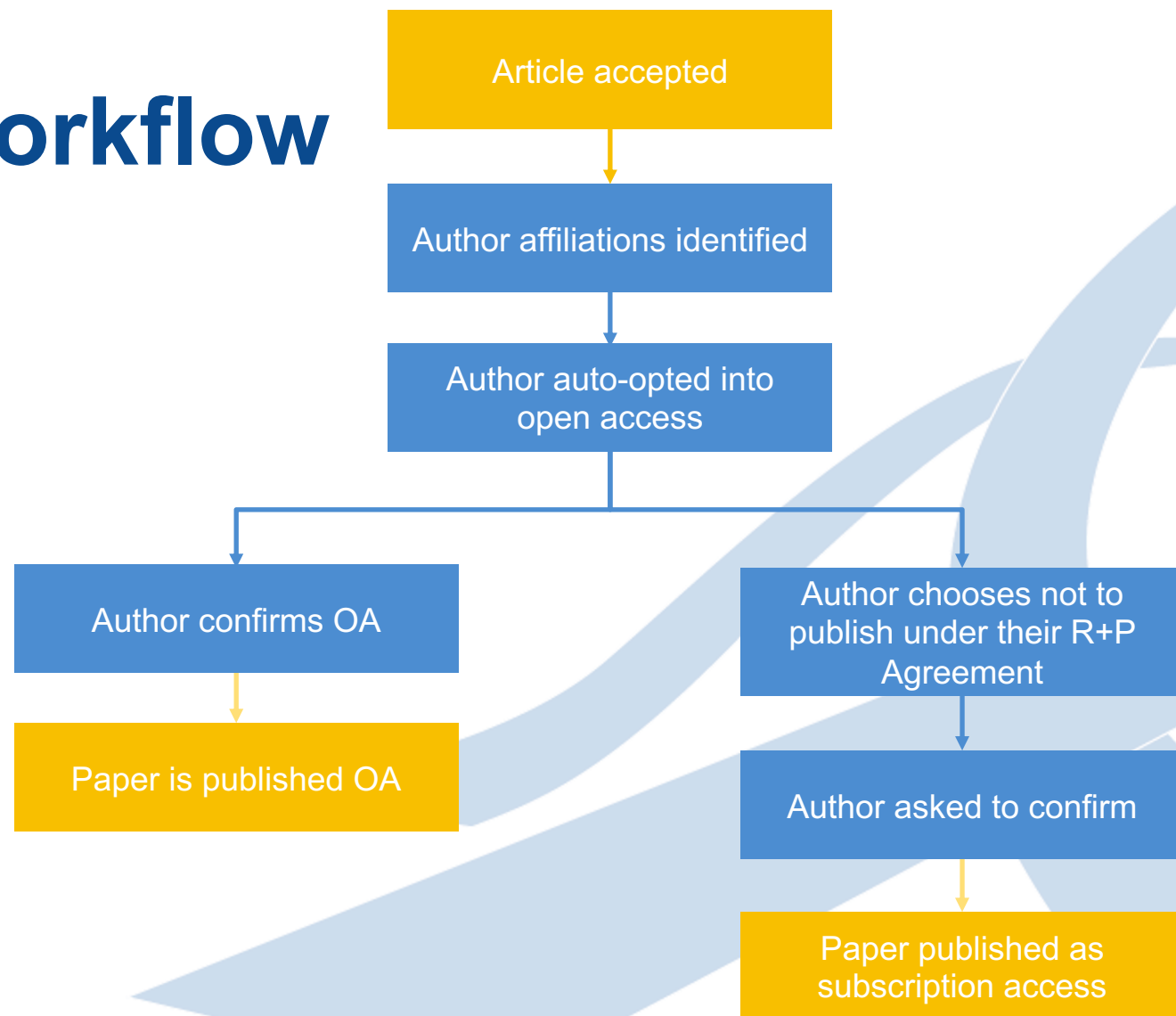
'Read': Full Access to ACS journals



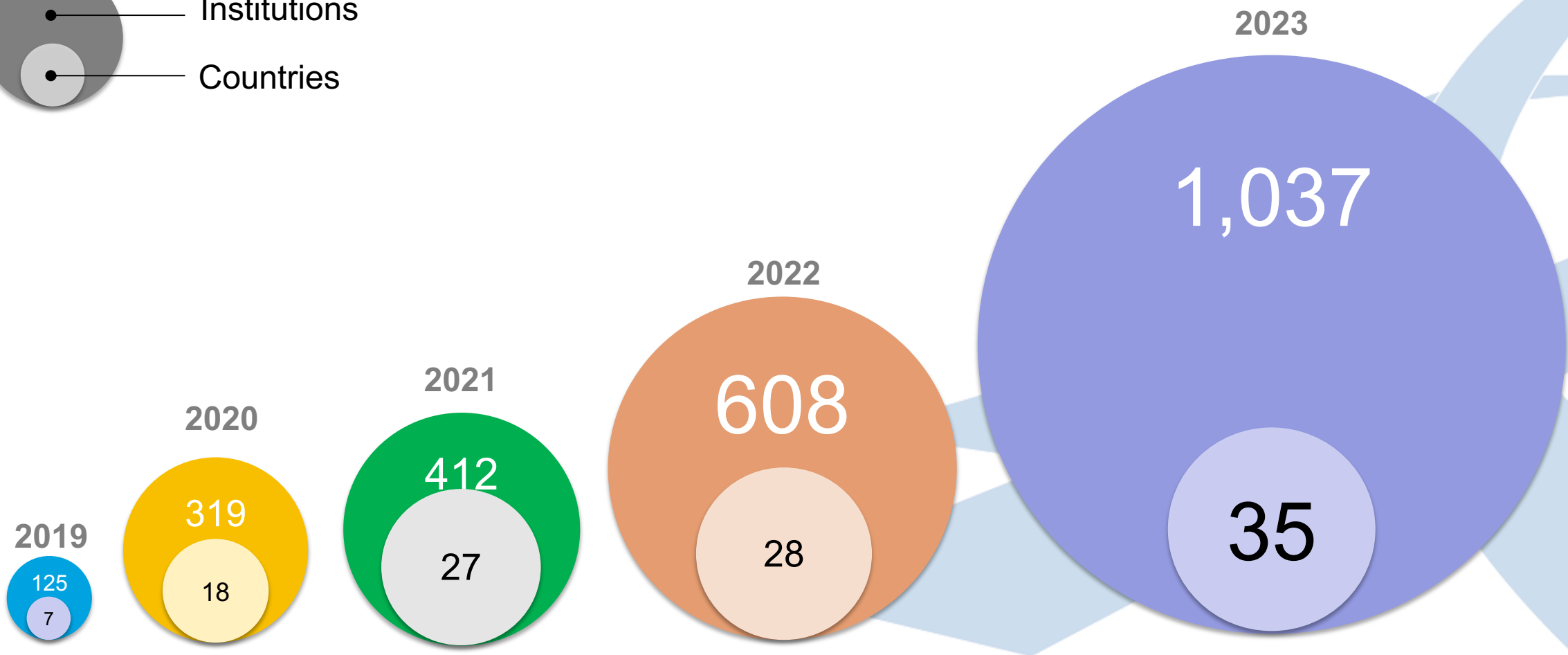
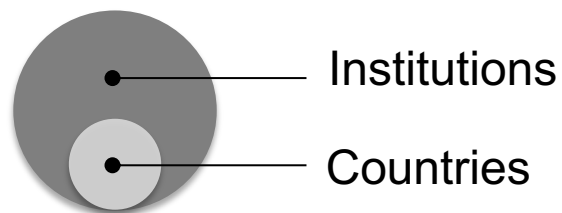
- Full reading access to all **60+ hybrid journals**
- ACS also publishes **16 fully open access journals** that are completely free to read
- Highlights include:
 - *JACS* (2 Year IF 2022: 15.0)
 - *ACS Central Science* (18.2)
 - *Environmental Science & Technology* (11.4)
 - *ES&T Letters* (10.9)
 - *ACS Materials Letters* (11.4)

‘Publish’: the OA Workflow

- Authors prompted to make use of your read and publish agreement
- Corresponding author simply needs to confirm they wish to publish OA under the agreement
- No administration required
- OA articles deposited in PubMed Central and Europe PMC



Growth in Read and Publish Agreements





Open opportunities for your institution through ACS Publications Services



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Supporting Open Access

ChemRxiv

Established in 2017, ChemRxiv is the world's open access preprint archive for chemistry. Co-owned and collaboratively managed by ACS and four other leading scientific societies across the world that ensure its technical and operational sustainability, ChemRxiv enables efficient and timely dissemination of chemistry knowledge.



The screenshot shows the ChemRxiv website. At the top, the ChemRxiv logo is on the left, and navigation links (How To Submit, Browse, About, News) and a search bar are on the right. Below the navigation bar is a large banner with the ChemRxiv logo and a search bar. A warning message is displayed below the banner: "These are preliminary reports which have not been peer-reviewed. They should not be regarded as conclusive, guide clinical practice/health related behaviour, or be reported in news media as established information." Below the warning message, the text "Is supported by:" is followed by logos for ACS (Chemistry for Life), CCS (Chinese Chemical Society), The Chemical Society of Japan, Royal Society of Chemistry, GDCh (German Chemical Society), and TIB (Leibniz Information Centre for Science and Technology University Library).



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Supporting Open Access

Open access journals

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Supporting Open Access

Hybrid / transformative journals

Any article selected for publication in an ACS journal can be published under an OA license. To enable broad participation, ACS offers APC (article publishing charge) discounts to authors that are ACS Members or are employed at qualified subscribing institutions.

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- ☐ Materials Science 36
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Supporting Open Access

Read and publish agreements

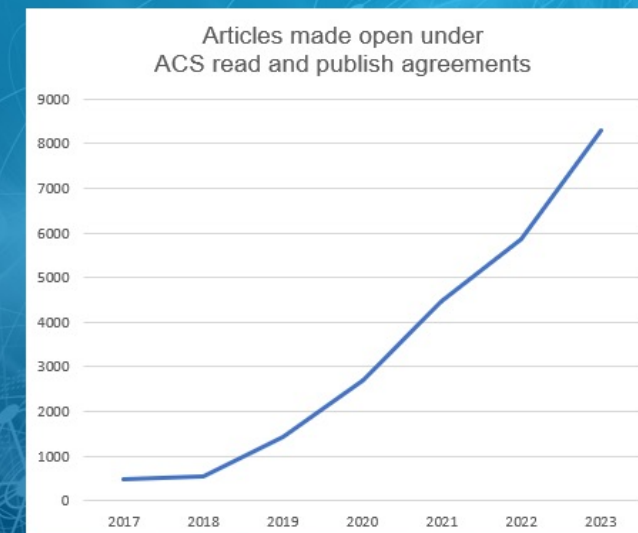
ACS offers a variety of read and publish agreements to institutions and funders all over the world. These agreements are proving instrumental in growing the proportion of research articles that are published under open access licenses.



ACS' innovative, transformative read and publish agreements

Read and publish progress 2023

- Over 15,700 articles were published OA in 2023 – 53% under a read and publish agreement
- Programs in 35 countries
- Over 1,000 institutions covered by an ACS read and publish agreement
 - 70% annual growth in number of institutions covered



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Conclusion

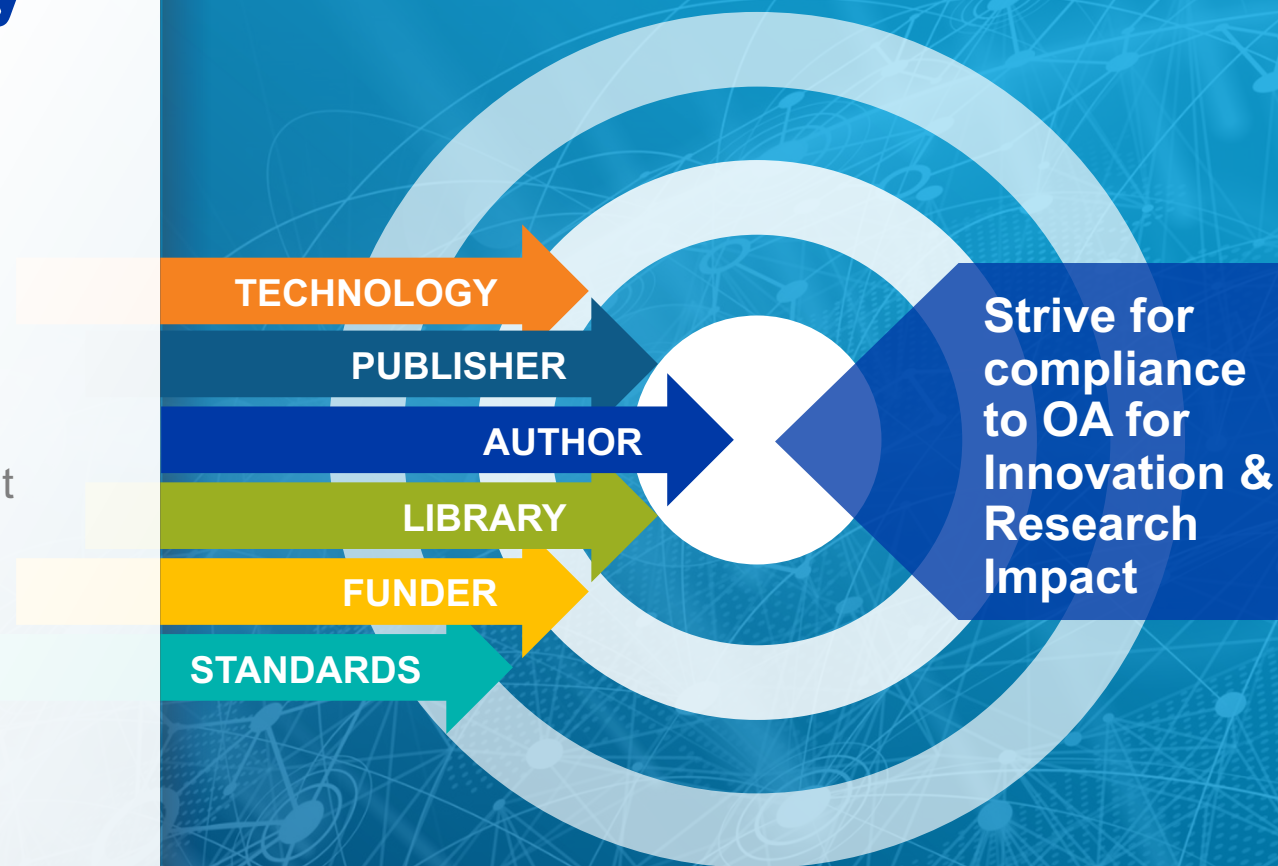


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Technology & System Enhancements are Necessary to Deliver OA to Scale

- **Authors** need **simple and intuitive** processes to increase OA participation
- **Institutions** need **systems** to easily view and manage transformative implementations
- **Institutions & funders** need **data** to evaluate output and compliance
- **Standards** are evolving to manage common data elements, such as institutional and author identity



ACS supports OA for Innovation & Research Impact

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