



ChemRxiv[®]

CHORUS Forum: The Future of Preprints

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An Overview of ChemRxiv

- Launched in **August 2017**
- **38,000+** preprints posted from authors in **over 100** countries
- Accepts research manuscripts and reviews in **17 categories** covering **chemistry and related fields**
- Moved recently to Wiley's **Research Exchange Preprints** platform

chemrxiv.org

The screenshot shows the ChemRxiv website interface. At the top, there is a navigation bar with the ChemRxiv logo, links for PREPRINTS, ABOUT, and a search icon. On the right, there is a button for '+ DOCUMENT' and a user profile for BENJAMIN MUDRAK. Below the navigation bar is a large search bar with the placeholder text 'Search for preprint research articles, keywords, etc.' and a search icon. A 'SCROLL' button with a downward arrow is positioned below the search bar. Underneath the search bar, the 'Subject areas' section is displayed, listing 17 categories with their respective preprint counts:

Subject Area	Count
AGRICULTURE AND FOOD CHEMISTRY	429
ANALYTICAL CHEMISTRY	3347
BIOLOGICAL AND MEDICINAL CHEMISTRY	6147
CATALYSIS	6365
CHEMICAL EDUCATION	509
CHEMICAL ENGINEERING AND INDUSTRIAL CHEMISTRY	2077
EARTH, SPACE, AND ENVIRONMENTAL CHEMISTRY	1261
ENERGY	2797
INORGANIC CHEMISTRY	3808
MATERIALS CHEMISTRY	633
MATERIALS SCIENCE	5553
NANOSCIENCE	2926
ORGANIC CHEMISTRY	8408
ORGANOMETALLIC CHEMISTRY	1795
PHYSICAL CHEMISTRY	7185
POLYMER SCIENCE	2343
THEORETICAL AND COMPUTATIONAL CHEMISTRY	10176



40,983 PREPRINTS

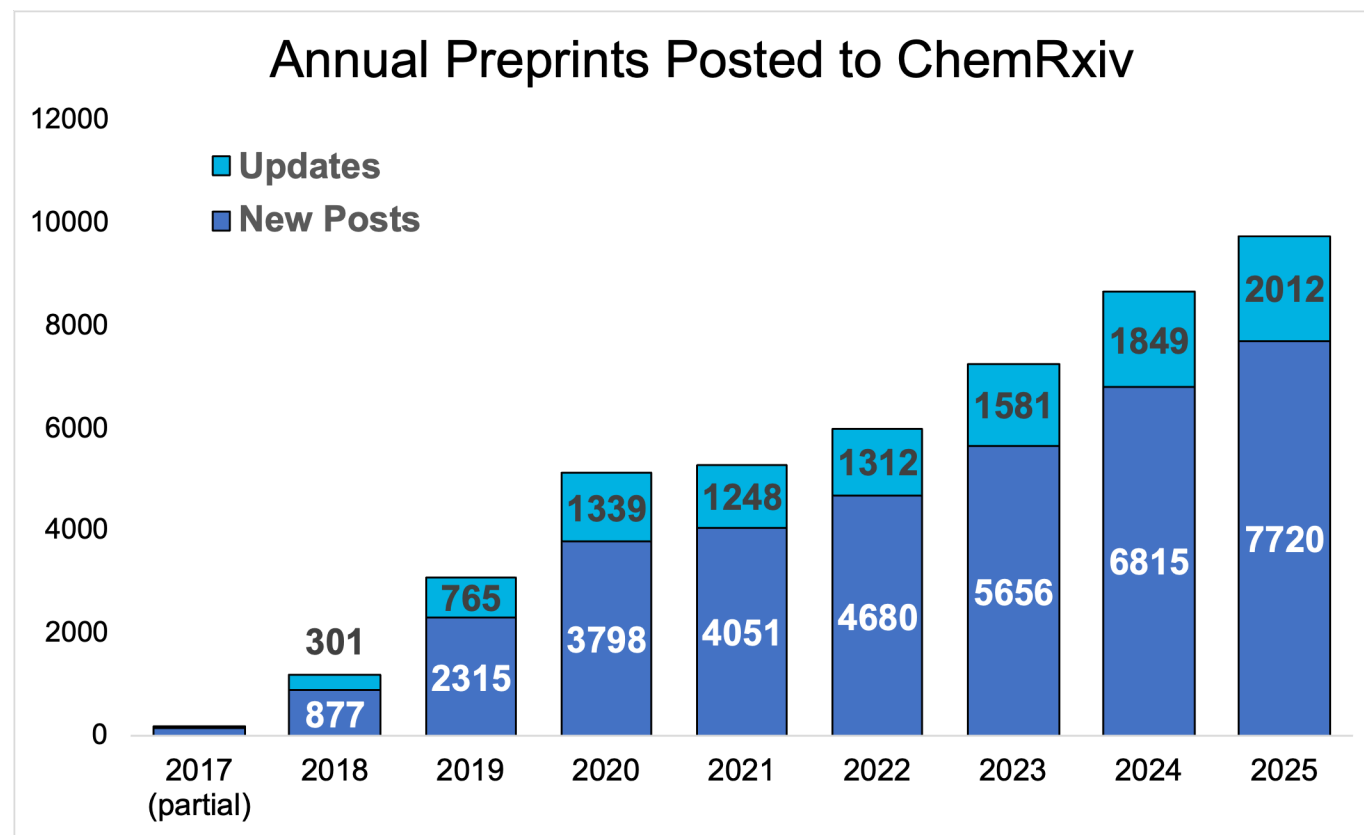


78,725,204 VIEWS



33,990,772 DOWNLOADS

Growth of ChemRxiv



On pace for over 11,500 preprints this year (20% growth)

Goals of ChemRxiv

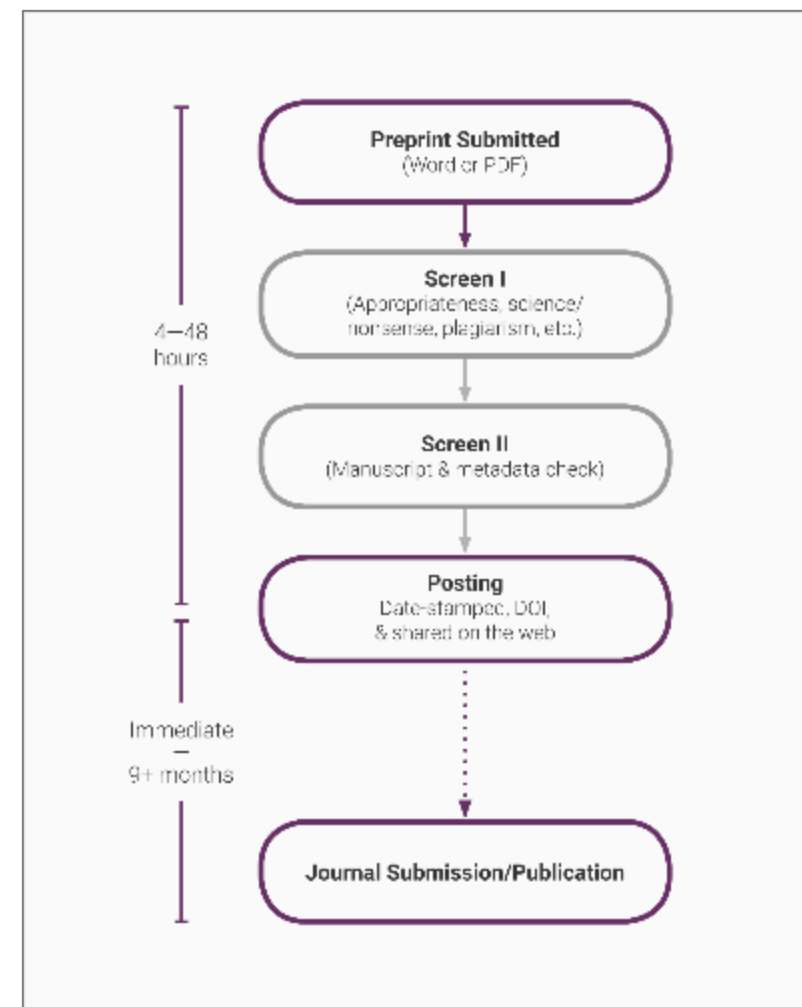
Serve as a free submission, distribution, and archive service for unpublished preprints in chemistry and related areas.

ChemRxiv provides researchers the opportunity to

- Rapidly disseminate their work
- Establish priority and precedence for their discoveries
- Document research results in advance of formal publication
- Gather feedback from fellow scientists
- *Submit directly to select scientific journals (over 165 and growing)*
- Stay on top of the latest research in their fields

Content screening - ChemRxiv

- Metadata / administrative checks
 - Completeness
 - Plagiarism
 - Prior publication
- Content assessment
 - Subject area fit
 - Manuscript type fit
 - Scientific nature



Preprints: a balance

Rapid dissemination
of research



Careful screening
for errors and
misinformation

- Stake a claim to new findings
- Public record of research activity
- Feedback from colleagues
- Transparency

- **With advent of AI, screening at increasing volume becomes a logistical challenge**



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Thank you!

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