An Introduction to PubMed

فرزانه همتیان

کارشناس منابع الکترونیک

کتابخانه مرکزی دانشگاه علوم پزشکی شهرکرد

پاییز 1402

Agenda

- What is PubMed?

- Using PubMed
  - Searching for an author
  - Researching a topic
  - Finding a specific article

What is PubMed?

- A database of more than 33 million citations to articles in the fields of biomedicine and health.

- Used by millions of users each day, including health professionals and others engaged in:

research

health policy development

patient advocacy
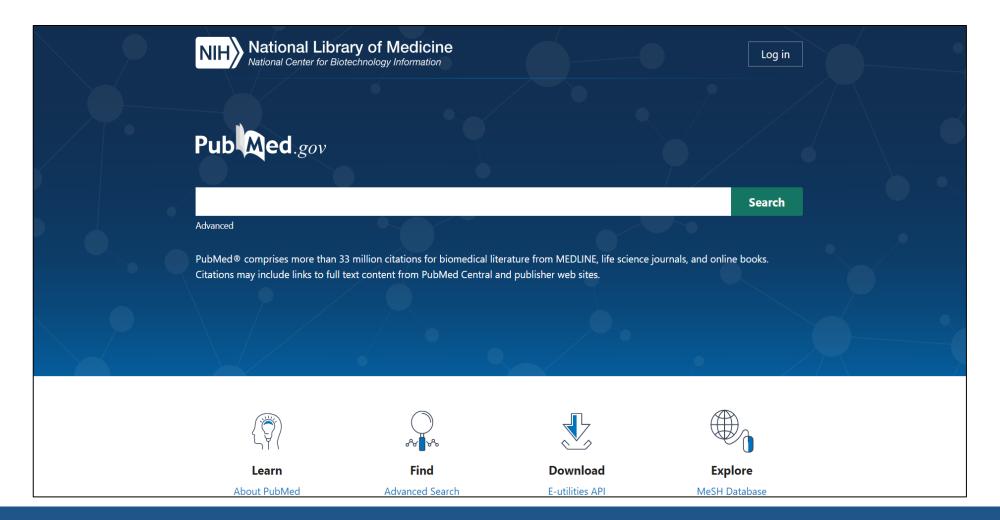
public health

related educational activities

Where is the Full Text?

- Available from the Publisher
  - Full text is not always free
  - Check for access to your institution's subscriptions

- Included in PMC (PubMed Central)
  - Manuscripts deposited to comply with public access policies
  - Journal and publisher deposit agreements
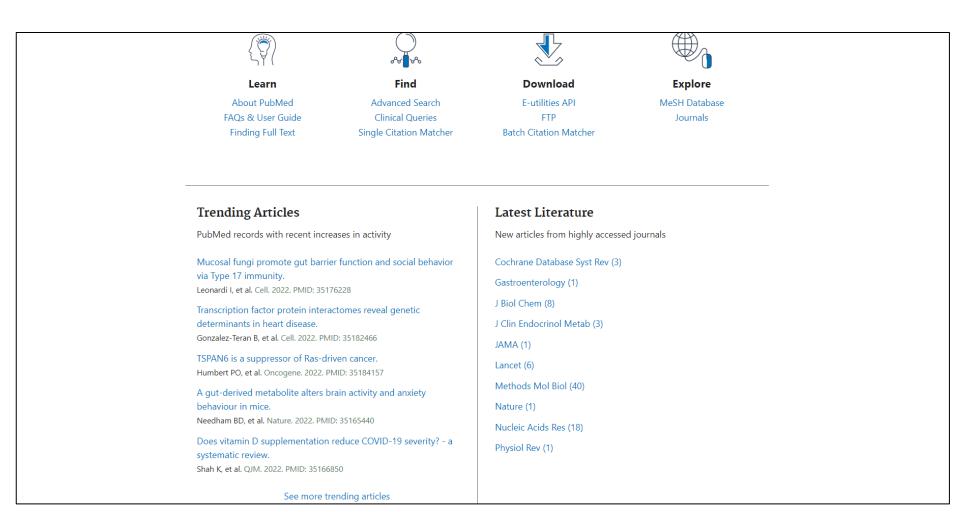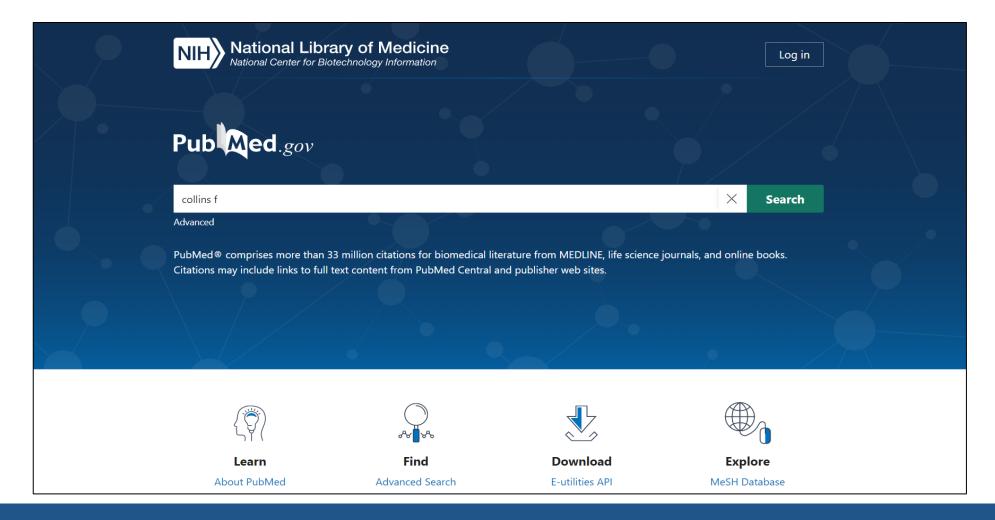 - NLM digitization projects

Welcome to PubMed!

Trending Articles

Learn
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Finding Full Text

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Advanced Search
Clinical Queries
Single Citation Matcher

Download
E-utilities API
FTP
Batch Citation Matcher

Explore
MeSH Database
Journals

Trending Articles

PubMed records with recent increases in activity

Mucosal fungi promote gut barrier function and social behavior via Type 17 immunity.
Leonardi I, et al. Cell. 2022. PMID: 35176228

Transcription factor protein interactomes reveal genetic determinants in heart disease.
Gonzalez-Teran B, et al. Cell. 2022. PMID: 35182466

TSPAN6 is a suppressor of Ras-driven cancer.
Humbert PO, et al. Oncogene. 2022. PMID: 35184157

A gut-derived metabolite alters brain activity and anxiety behaviour in mice.
Needham BD, et al. Nature. 2022. PMID: 35165440

Does vitamin D supplementation reduce COVID-19 severity? - a systematic review.
Shah K, et al. QJM. 2022. PMID: 35166850

See more trending articles

Latest Literature

New articles from highly accessed journals

Cochrane Database Syst Rev (3)

Gastroenterology (1)

J Biol Chem (8)

J Clin Endocrinol Metab (3)

JAMA (1)

Lancet (6)

Methods Mol Biol (40)

Nature (1)

Nucleic Acids Res (18)

Physiol Rev (1)

Author Searching

- Searching by author can be tricky
  - Multiple authors may publish under the same name

- Best practice: start with last name and initials
  - For example: collins f
  - No need to tag, capitalize, or punctuate

- Avoid searching using full author names
  - Not all PubMed records include full author names
  - Using full first names may miss articles where only initials were provided

Author Search: collins f

Search Results: collins f

In vivo base editing rescues Hutchinson-Gilford progeria syndrome in mice

3

Cite

Share

Koblan LW, Erdos MR, Wilson C, Cabral WA, Levy JM, Xiong ZM, Tavarez UL, Davison LM, Gete YG, Mao X, Newby GA, Doherty SP, Narisu N, Sheng Q, Krilow C, Lin CY, Gordon LB, Cao K, **Collins FS**, Brown JD, Liu DR.

Nature. 2021 Jan;589(7843):608-614. doi: 10.1038/s41586-020-03086-7. Epub 2021 Jan 6.

PMID: 33408413   **Free PMC article.**

SARS-CoV-2 infection induces beta cell transdifferentiation.

4

Cite

Share

Tang X, Uhl S, Zhang T, Xue D, Li B, Vandana JJ, Acklin JA, Bonnycastle LL, Narisu N, Erdos MR, Bram Y, Chandar V, Chong ACN, Lacko LA, Min Z, Lim JK, Borczuk AC, Xiang J, Naji A, **Collins FS**, Evans T, Liu C, tenOever BR, Schwartz RE, Chen S.

Cell Metab. 2021 Aug 3;33(8):1577-1591.e7. doi: 10.1016/j.cmet.2021.05.015. Epub 2021 May 19.

PMID: 34081913   **Free PMC article.**

Human Genome Project: Twenty-five years of big biology.

5

Cite

Share

Green ED, Watson JD, **Collins FS.**

Nature. 2015 Oct 1;526(7571):29-31. doi: 10.1038/526029a.

PMID: 26432225   **Free PMC article.**

The trans-ancestral genomic architecture of glycemic traits.

6

Cite

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Chen J, Spracklen CN, Marenne G, Varshney A, Corbin LJ, Luan J, Willems SM, Wu Y, Zhang X, Horikoshi M, Boutin TS, Mägi R, Waage J, Li-Gao R, Chan KHK, Yao J, Anasanti MD, Chu AY, Claringbould A, Heikkinen J, Hong J, Hottenga JJ, Huo S, Kaakinen MA, Louie T, März W, Moreno-Macias H, Ndungu A, Nelson SC, Nolte IM, North KE, Raulerson CK, Ray D, Rohde R, Rybin D, Schurmann C, Sim X, Southam L, Stewart ID, Wang CA, Wang Y, Wu P, Zhang W, Ahluwalia TS, Appel EVR, Bielak LF, Brody JA, Burtt NP, Cabrera CP, Cade BE, Chai JF, Chai X, Chang LC, Chen CH, Chen BH, Chitrala KN, Chiu YF, de Haan HG, Delgado GE, Demirkan A, Duan Q, Engmann J, Fatumo SA, Gayán J, Giulianini F, Gong JH, Gustafsson S, Hai Y, Hartwig FP, He J, Heianza Y, Huang T, Huerta-Chagoya A, Hwang MY, Jensen RA, Kawaguchi T, Kentistou KA, Kim YJ, Kleber ME, Kooner IK, Lai S, Lange LA, Langefeld CD, Lauzon M, Li M, Ligthart S, Liu

Author Search Results Detail

Looking at Author Affiliations

Computed Author Sort

- Identifies other articles written by the same author

- Uses an algorithm based on patterns in authorship

- Takes advantage of ORCID identifiers (when available)

- Puts most likely author matches first

Finding More Articles by the Same Author
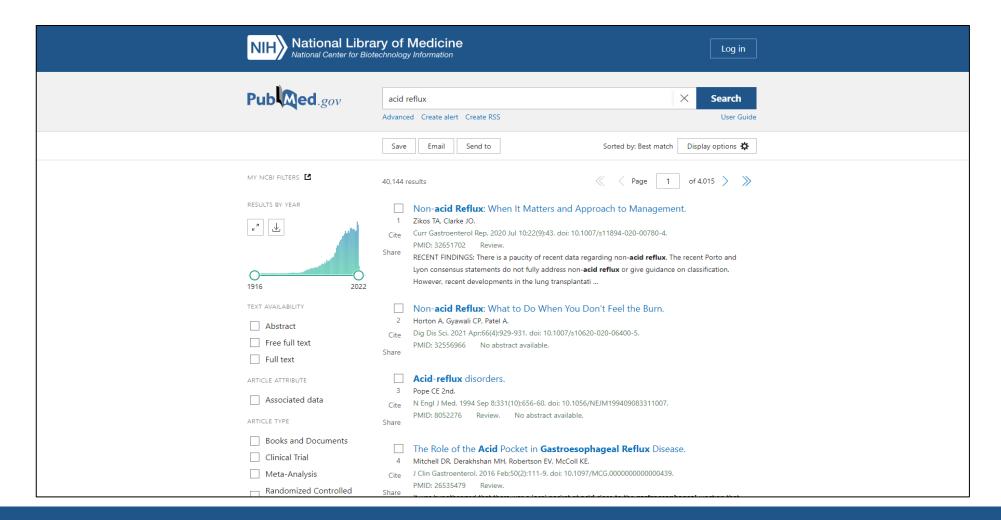
Computed Author: Francis S. Collins

Subject Search: acid reflux

Search Results: acid reflux

Cite Button

Save Button

Email Button

"Send To" Button

Create Alert

Results By Year

Text Availability Filter

Article Type Filter

Publication Date Filter

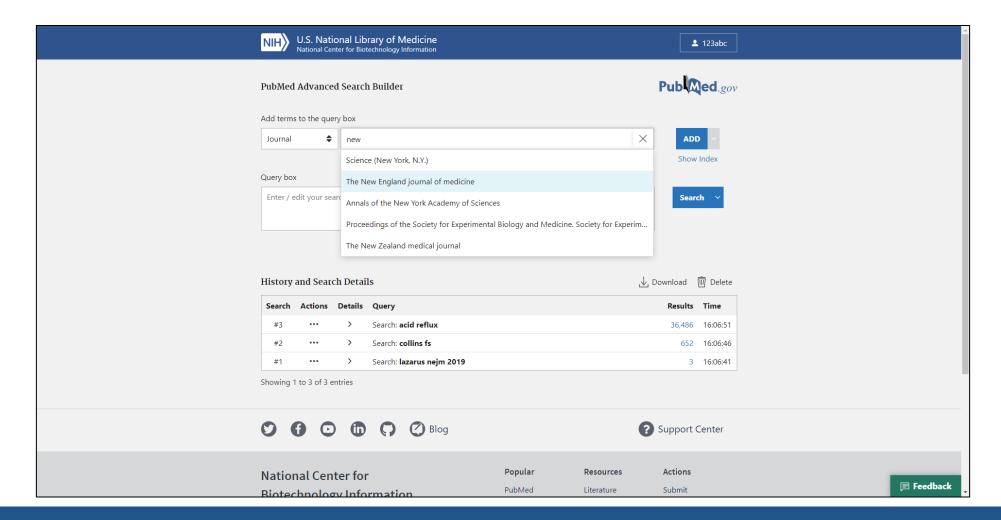# Custom Date Filter

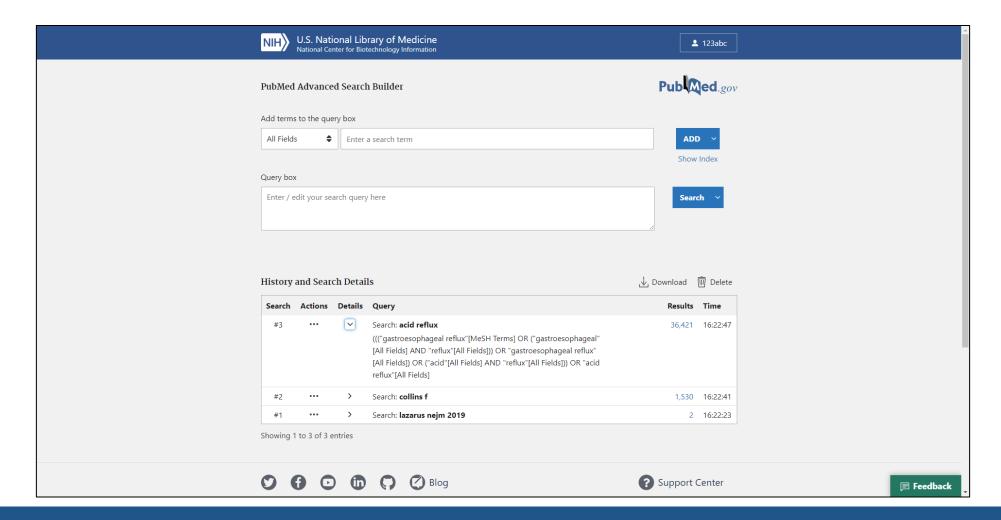# Additional Filters

Back to the Results Page

Advanced Search Builder and History

Search Details

How to get help

- FAQ & User Guide

- Ask a Librarian!

- 038-33333226

- Hematian.f@skums.ac.ir

- hdehkordif@gmail.com

- مراجعه حضوری: طبقه همکف دانشکده فناوری های نوین- بخش فنی کتابخانه مرکزی

- NLM Support Center

Questions?