最新の論文検索方法を知る

山本泰智

ライフサイエンス統合データベースセンター

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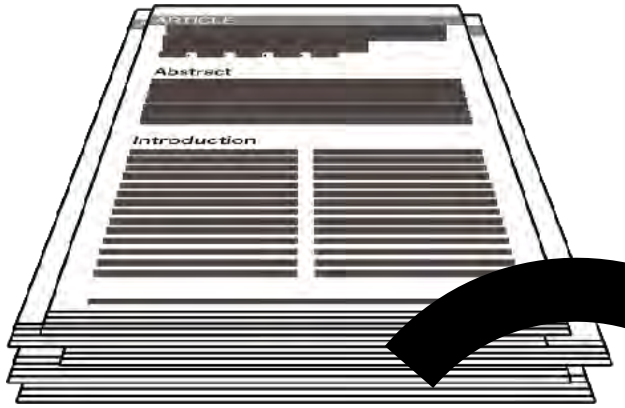
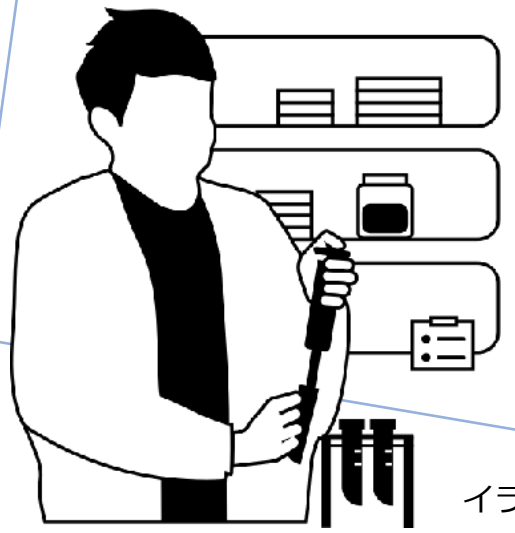
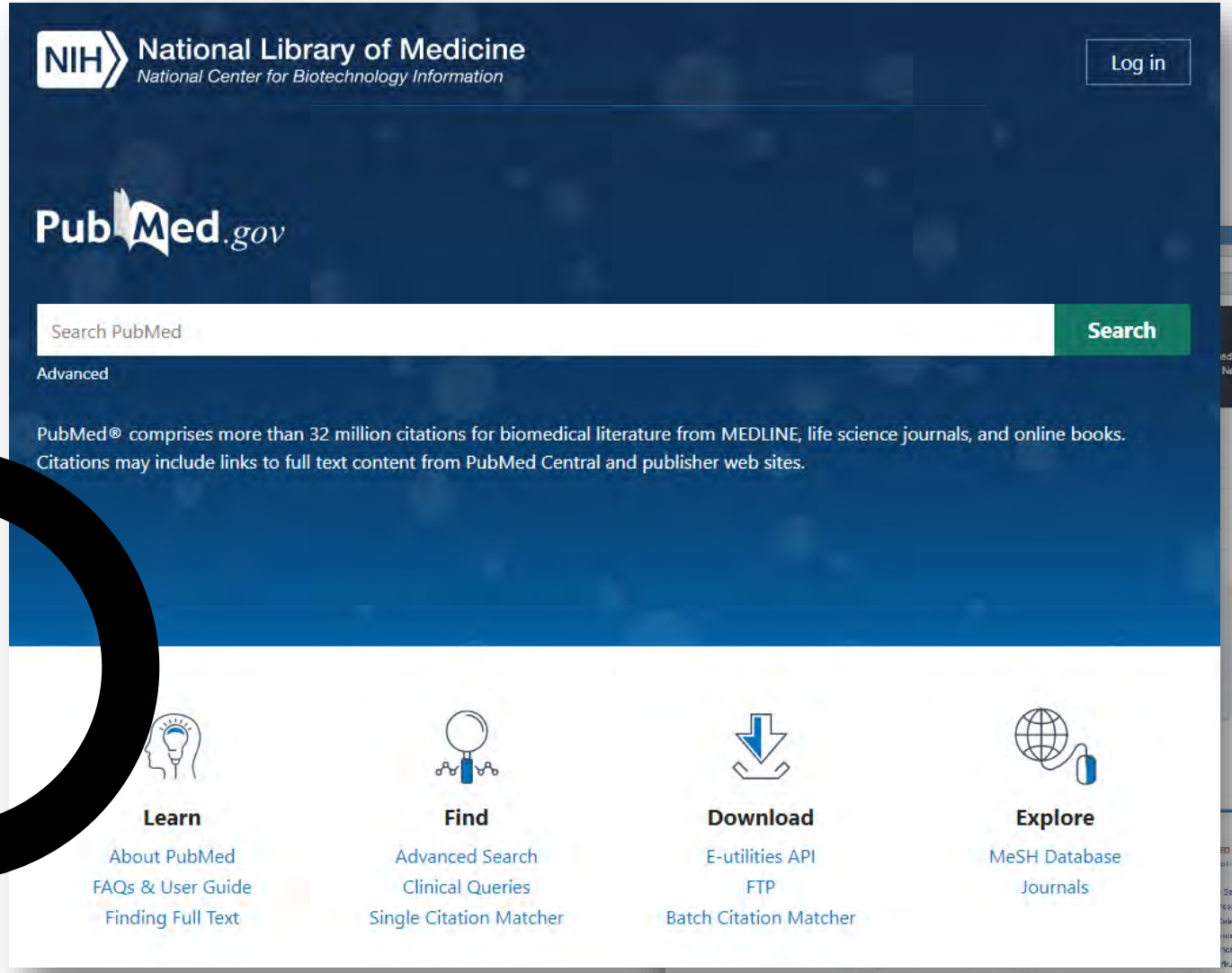


文献





PubMed

"on June 26, 1997, a Capitol Hill Press conference officially announced free MEDLINE access via PubMed."

www.nlm.nih.gov/pubs/techbull/mj16/mj16_pm

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Table of Contents: 2016 MAY–JUNE No. 410 Previous

PubMed Celebrates its 20th Anniversary!

Canese K. PubMed Celebrates its 20th Anniversary! NLM Tech Bull. 2016 May-Jun;(410):e12.

2016 June 21 [posted]

PubMed was first released two decades ago in January 1996 as an experimental database under the National Center for Biotechnology Information (NCBI) retrieval system. The word "experimental" was dropped from the Web site in April 1997, and on June 26, 1997, a Capitol Hill Press conference officially announced free MEDLINE access via PubMed.

See an outline of the early years in the article, *PubMed Celebrates its 10th Anniversary!*

PubMed continued to evolve and, in 2007, the NCBI retrieval engine was completely redesigned to provide a foundation for the discovery initiative. In 2008, highlights included a number of discovery tools such as, an "also try" feature, query terms in article titles display, and a drug sensor. Collections were added to the My NCBI user tools, automatic term mapping was enhanced, an advanced search feature was added, and citation and gene sensors were released. The PubMed citation sensor continues to be one of the most popular discovery features; users love it!

Highlights for 2009 included a recent activity feature that tracks up to 6 months of a user's NCBI database searches and viewed records, an autosuggest feature, and a totally revamped, user-friendly interface. Feedback from users on the redesigned interface was overwhelmingly positive.

From 2010 to 2011, the PubMed advanced search page was reformatted, a new limits page was released, search terms were modified to automatically display in bold, a CSV selection was added as a "send to file" option, and structured abstracts and images were added to the abstract display. PubMed Mobile was launched for users with limited screen size or on handheld devices. Enhancements were made to the My NCBI My Bibliography feature to assist NIH-funded investigators with tracking and reporting their peer-reviewed publications. The MeSH database and the Clinical Queries page were redesigned to provide the same streamlined interface previously released in PubMed.

In 2012, the My NCBI My Bibliography collection was enhanced with links to similar articles and cited in. Discovery tool additions included the popular "results by year" graph and a PubMed Central images display. A facet sidebar replaced the limits page and the abstract display "author link" was updated to display results using a computer ranking algorithm to facilitate author name disambiguation. The "send to" menu was augmented with an export to citation manager option. A "save items" widget was added to the abstract display to provide an expedient way to add citations to a My NCBI collection.

In 2013 to 2014, author keywords and social media icons were added to the abstract display and PubMed started accepting and displaying non-English abstracts. A new "relevance sort" option was released and a way to download your entire history was added to the advanced search page. PubMed began indexing multiple author affiliations. PubMed Commons was released as a way for authors to share opinions and information about scientific publications in PubMed. Additionally, PubMed increased the addition of new citations from five to seven days a week.

During 2015 to the present, the trending articles and "frequently viewed together" discovery tools were released. Fuzzy matching to rescue zero results was improved. Additional knowledge panels and sensors were released, for example, the query, "human genome blast" now presents a tool for the user to run a BLAST search from within PubMed. PubMed hit the milestone of 26 million citations; over 1 million citations are added every year.

The near future will include a new PubMed data management system that will streamline data submission for publishers and provide an interface for immediate correction of citation errors.

Cheers to PubMed - here's to another 20 years of excellence, evolution, and discovery.

By Kathi Canese
National Center for Biotechnology Information

http://www.ncbi.nlm.nih.gov/Web/Newsltr/aug97.html

1996

11,937,110

456,362

各年の登録件数（単位：千件、棒グラフ）

総数（単位：百万件、折れ線グラフ）

登録年

2,000
1,500
1,000
500
-

40
30
20
10
0

1945 1947 1949 1951 1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973 1975 1977 1979 1981 1983 1985 1987 1989 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 2019 2021

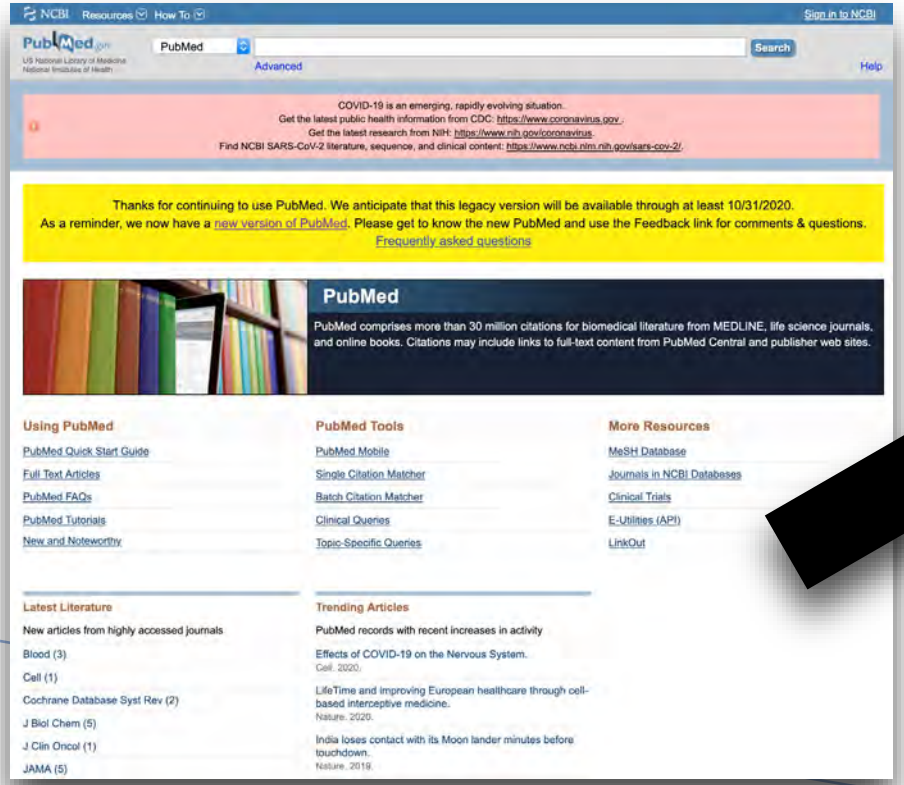
現状

- 3500万件を超える文献情報
  23/7/27時点で35,994,291 (20日は35,970,072 +24,219)
  21/6/17時点で32,682,784
  20/9/16時点で31,502,489
  19/11/25時点で30,348,625
- 2022年登録分だけで1,773,223件（平均 4858件/日）
- 7800件を超える学術誌から定期的に収載

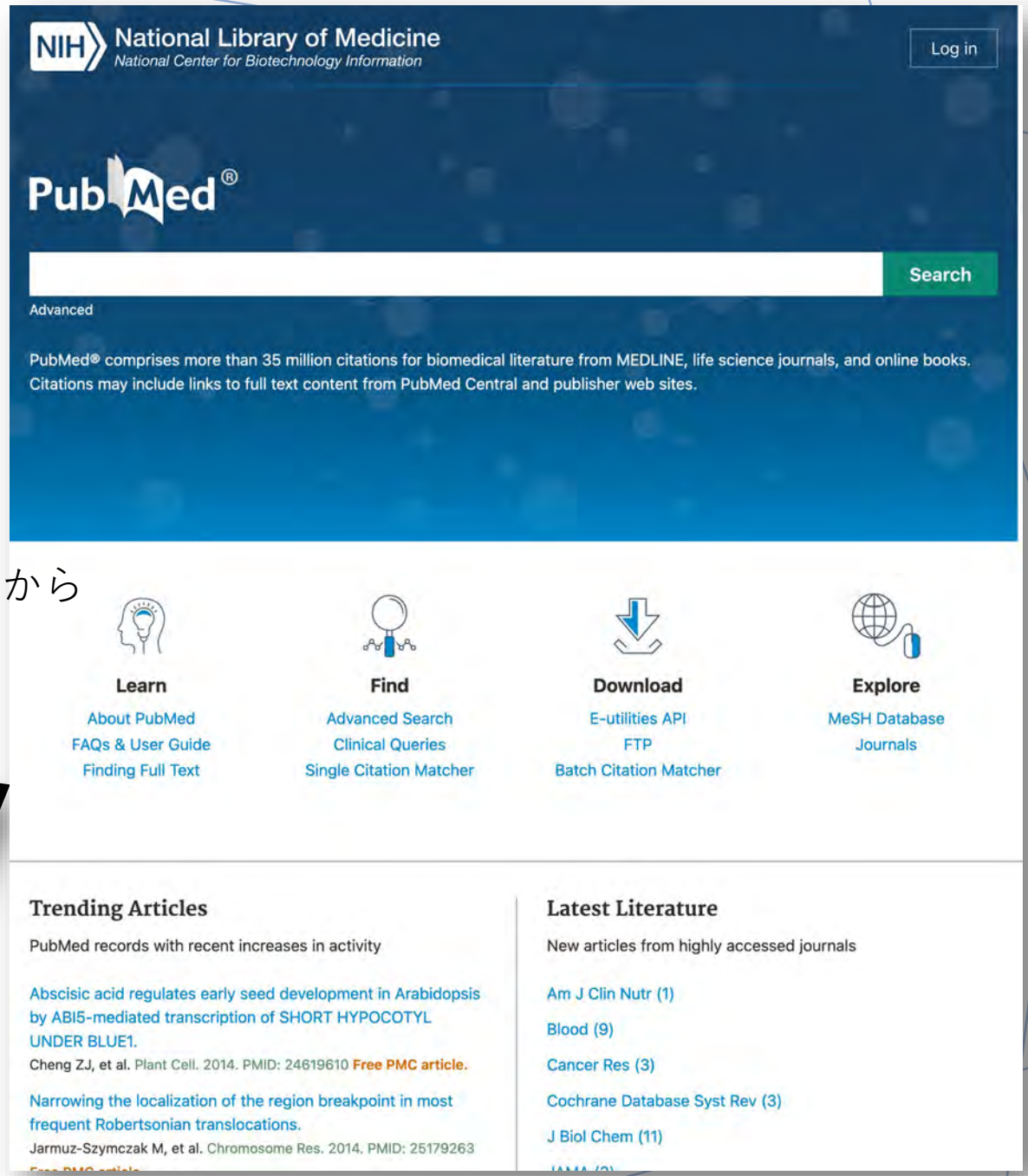
	FY2022	FY2021	FY2020	FY2019	FY2018	FY2017	FY2016	FY2015	FY2014	FY2013
PubMed Searches	**2.58 B**	2.57 B	3.3 B	3.1 B	3.3 B	3.3 B	3.1 B	2.8 B	2.7 B	2.5 B
Web/Interactive	**1.283 B**	1.186 B	1.076 B	896 M	831 M	846 M	853 M	910 M	900 M	932 M
Script/E-Utilities	**1.303 B**	1.391 B	2.2 B	2.2 B	2.5 B	2.5 B	2.2 B	1.9 B	1.8 B	1.6 B

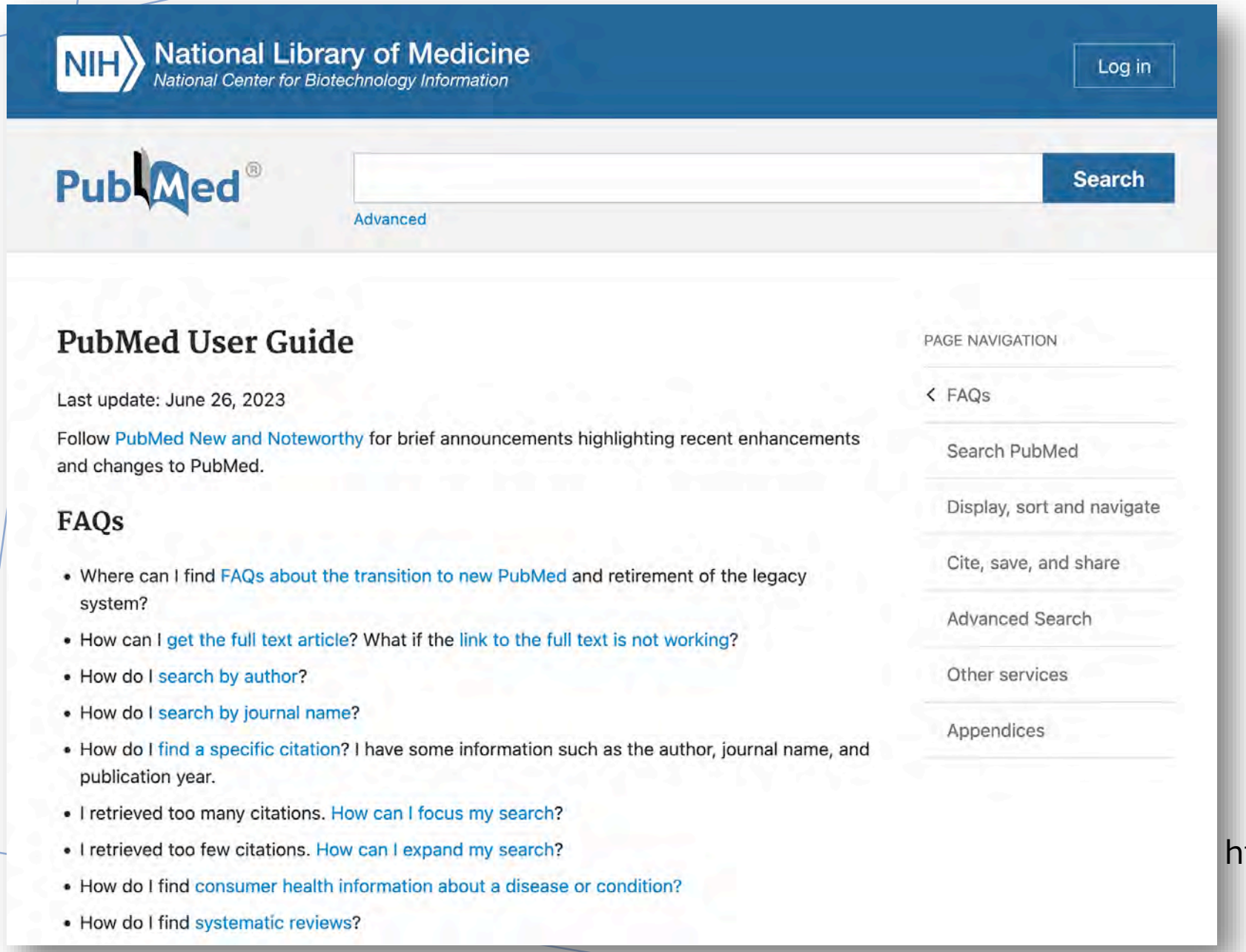
https://www.nlm.nih.gov/bsd/medline_pubmed_production_stats.html

PubMed最新情報



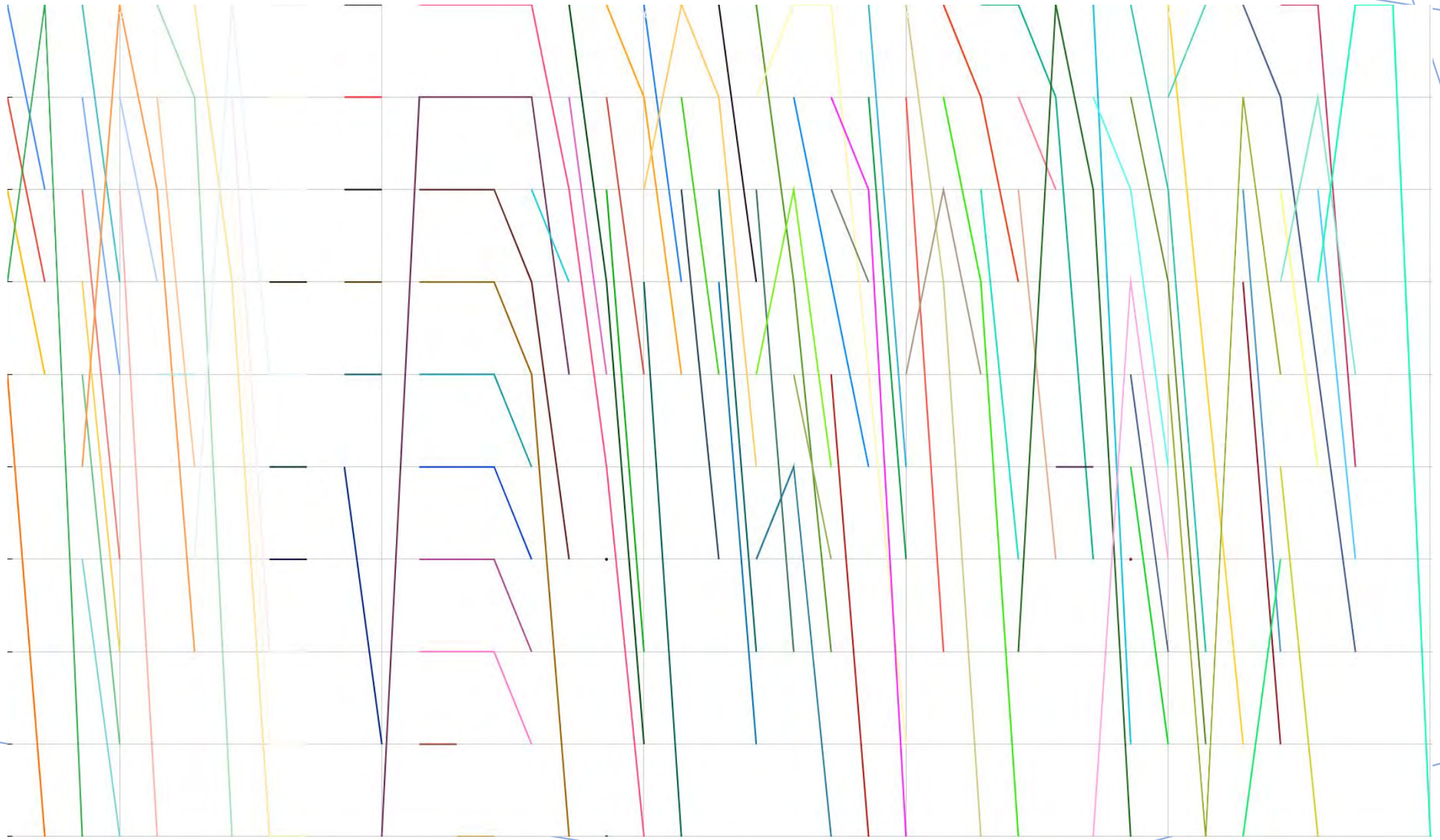
2020年から





https://pubmed.ncbi.nlm.nih.gov/help/

Trending articlesのトレンド



Latest Literature

New articles from highly accessed journals

Blood (1)

Clin Infect Dis (4)

Cochrane Database Syst Rev (3)

J Clin Endocrinol Metab (5)

J Immunol (1)

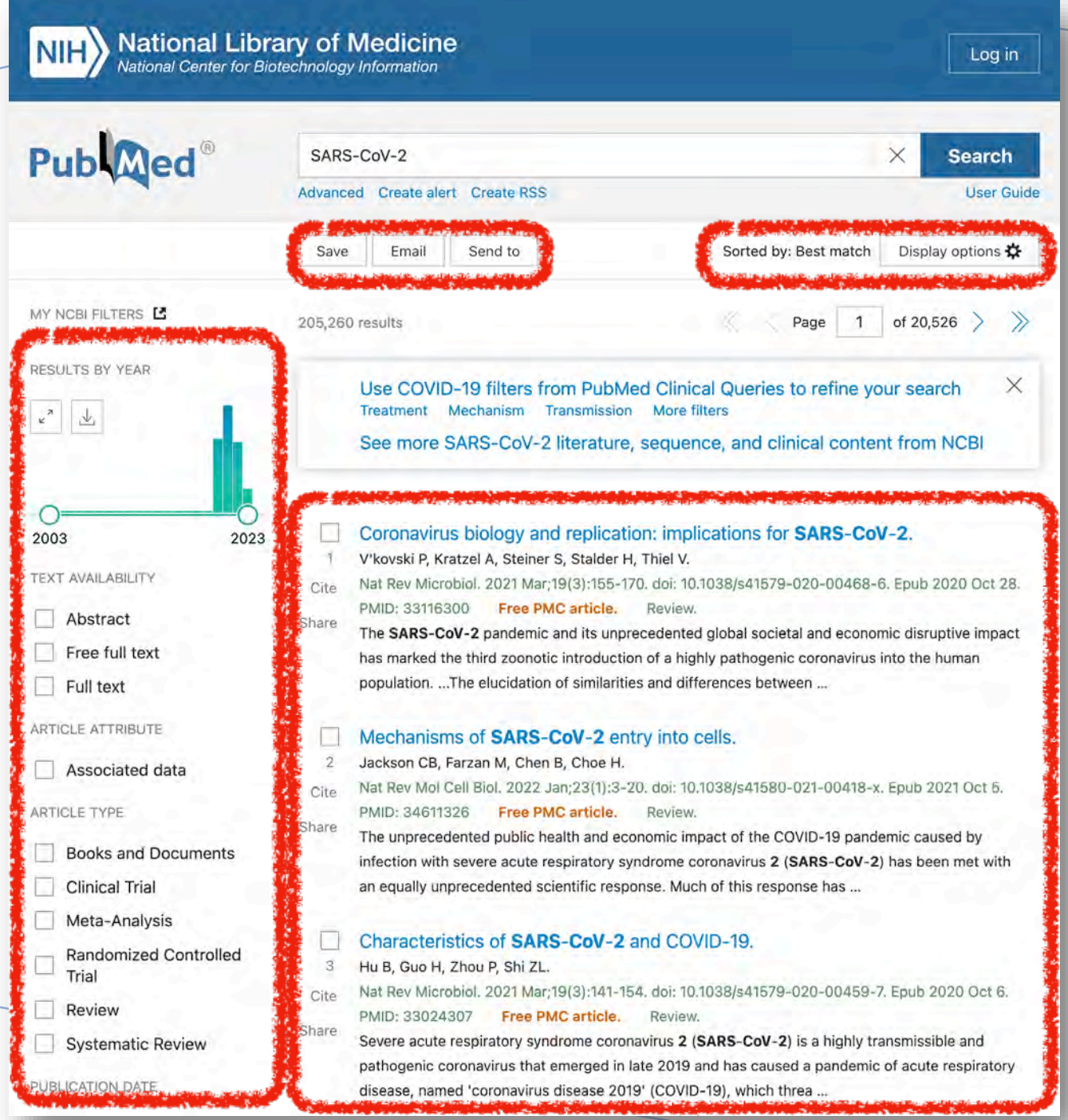
JAMA (12)

Nature (17)

PLoS One (60)

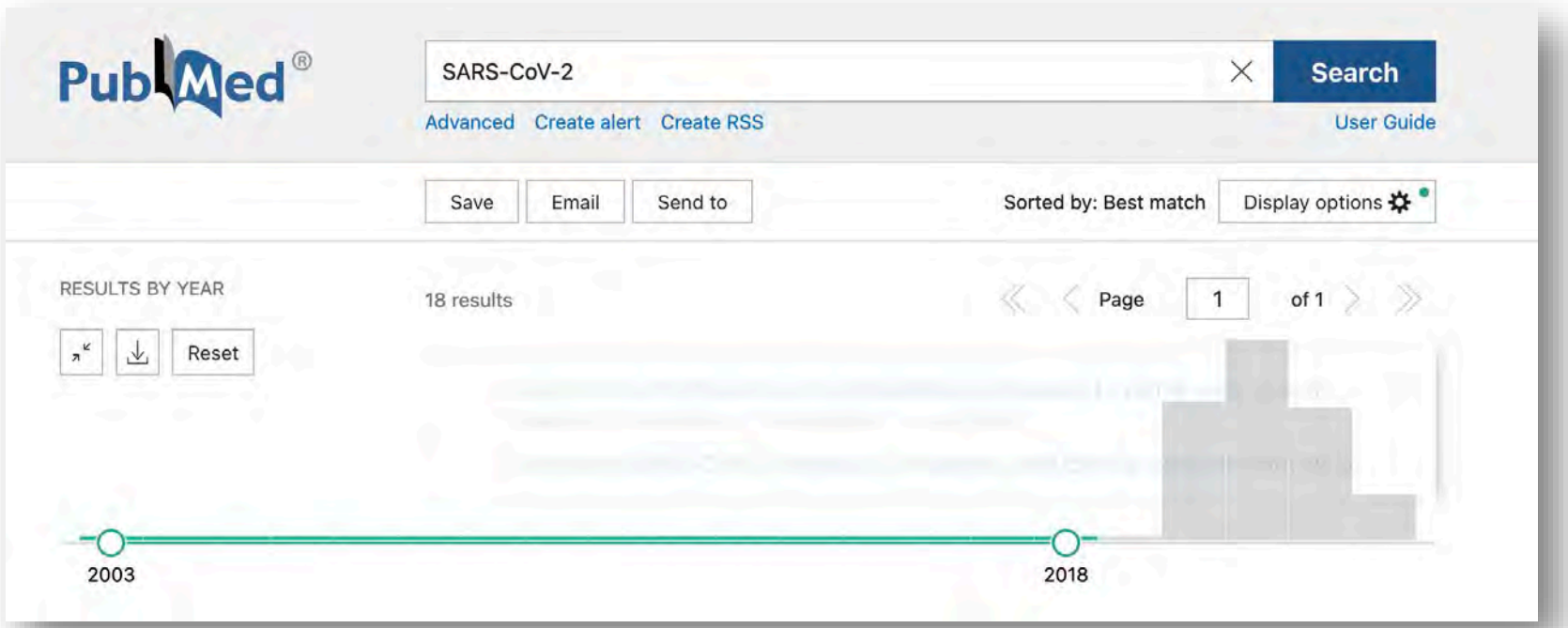
Pediatrics (2)

Proc Natl Acad Sci U S A (3)



お手元で試してみましょう

https://pubmed.ncbi.nlm.nih.gov/?term=SARS-CoV-2


PubMed®
SARS-CoV-2
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Create alert
Create RSS
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Email
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Display options
RESULTS BY YEAR
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2003
2018

Review > Med Sci (Paris). 2003 Nov;19(11):1161-4. doi: 10.1051/medsci/200319111161.

[SARS-CoV: 2. Modeling SARS epidemic]

[Article in French]
Antoine Flahault [1]

Affiliations + expand

PMID: 14648488 DOI: 10.1051/medsci/200319111161
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No abstract available

SUPPLEMENTARY INFO

Publication types, MeSH terms + expand

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Conclusions: (1) SARS-CoV infection was confirmed by serological
diagnosed pediatric SARS cases, which leads to the assumption tha
SARS requires more accurate and efficient ways, for example, scree
SARS-CoV. (2) The proportion of the patients who had close contac
antibody-positive cases was higher than that in antibody-negative
subclinical SARS CoV infection exists in children and adults, althou
The data of the present study did not confirm that SARS had subcli
who had close contact to pediatric SARS cases.

> PLoS Pathog. 2011 Oct;7(10):e1002294. doi: 10.1371/journal.ppat.1002294. Epub 2011 Oct 13.

Biochemical and structural insights into the mechanisms of SARS coronavirus RNA ribose 2'-O-methylation by nsp16/nsp10 protein complex

Yu Chen [1], Ceyang Su, Min Ke, Xu Jin, Lirong Xu, Zhou Zhang, Andong Wu, Ying Sun, Zhouning Yang, Po Tien, Tero Ahola, Yi Liang, Xinqi Liu, Deyin Guo

Affiliations + expand

PMID: 22022266 PMCID: PMC3192843 DOI: 10.1371/journal.ppat.1002294
Free PMC article

Abstract

The 5'-cap structure is a distinct feature of eukaryotic mRNAs, and eukaryotic viruses generally modify the 5'-end of viral RNAs to mimic cellular mRNA structure, which is important for RNA stability, protein translation and viral immune escape. SARS coronavirus (SARS-CoV) encodes two S-adenosyl-L-methionine (SAM)-dependent methyltransferases (MTase) which sequentially methylate the RNA cap at guanosine-N7 and ribose 2'-O positions, catalyzed by nsp14 N7-MTase and nsp16 2'-O-MTase, respectively. A unique feature for SARS-CoV is that nsp16 requires non-structural protein nsp10 as a stimulatory factor to execute its MTase activity. Here we report the biochemical characterization of SARS-CoV 2'-O-MTase and the crystal structure of nsp16/nsp10 complex bound with methyl donor SAM. We found that SARS-CoV nsp16 MTase methylated m7GpppA-RNA but not m7GpppG-RNA, which is in contrast with nsp14 MTase that functions in a sequence-independent manner. We demonstrated that nsp10 is required for nsp16 to bind both m7GpppA-RNA substrate and SAM cofactor. Structural analysis revealed that nsp16 possesses the canonical scaffold of MTase and associates with nsp10 at 1:1 ratio. The structure of the nsp16/nsp10 interaction interface shows that nsp10 may stabilize the SAM-binding pocket and extend the substrate RNA-binding groove of nsp16, consistent with the findings in biochemical assays. These results suggest that nsp16/nsp10 interface may represent a better drug target than the viral MTase active site for developing highly specific anti-coronavirus drugs.

Review > Nat Rev Microbiol. 2021 Mar;19(3):155-170. doi: 10.1038/s41579-020-00468-6. Epub 2020 Oct 28.

Coronavirus biology and replication: implications for SARS-CoV-2

Philip V'kovski [1 2], Annika Kratzel [1 2 3], Silvio Steiner [1 2 3], Hanspeter Stalder [1 2], Volker Thiel [4 5]

Affiliations + expand

PMID: 33116300 PMCID: PMC7592455 DOI: 10.1038/s41579-020-00468-6

Free PMC article

Abstract

The SARS-CoV-2 pandemic and its unprecedented global societal and economic disruptive impact has marked the third zoonotic introduction of a highly pathogenic coronavirus into the human population. Although the previous coronavirus SARS-CoV and MERS-CoV epidemics raised awareness of the need for clinically available therapeutic or preventive interventions, to date, no treatments with proven efficacy are available. The development of effective intervention strategies relies on the knowledge of molecular and cellular mechanisms of coronavirus infections, which highlights the significance of studying virus-host interactions at the molecular level to identify targets for antiviral intervention and to elucidate critical viral and host determinants that are decisive for the development of severe disease. In this Review, we summarize the first discoveries that shape our current understanding of SARS-CoV-2 infection throughout the intracellular viral life cycle and relate that to our knowledge of coronavirus biology. The elucidation of similarities and differences between SARS-CoV-2 and other coronaviruses will support future preparedness and strategies to combat coronavirus infections.

Conflict of interest statement

The authors declare no competing interests.

Review Article | Published: 28 October 2020

Coronavirus biology and replication: implications for SARS-CoV-2

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Nature Reviews Microbiology **19**, 155–170 (2021) | Cite this article

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Nat Rev Microbiol. 2020 Oct 28 : 1–16.
doi: 10.1038/s41579-020-00468-6 [Epub ahead of print]
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PMID: 33116300

Coronavirus biology and replication: implications for SARS-CoV-2

Philip V'kovski,[1,2] Annika Kratzel,[1,2,3] Silvio Steiner,[1,2,3] Hanspeter Stalder,[1,2] and Volker Thiel[1,2]

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Abstract

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Subject terms: SARS-CoV-2, Virus-host interactions, Virus structures

Review > Nat Rev Microbiol. 2021 Mar;19(3):155-170. doi: 10.1038/s41579-020-00468-6.
Epub 2020 Oct 28.

Coronavirus biology a[illegible]or SARS-CoV-2

Philip V'kovski [1 2], Annika Kratzel [1 2 3]
Volker Thiel [4 5]

Affiliations + expand

PMID: 33116300 PMCID: PMC759245[illegible]
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Abstract

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CITE

V'kovski, Philip et al. "Coronavirus biology and replication: implications for SARS-CoV-2." *Nature reviews. Microbiology* vol. 19,3 (2021): 155-170. doi:10.1038/s41579-020-00468-6

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V'kovski P, Kratzel A, Steiner S, Stalder H, Thiel V.

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PMID: 33116300 **Free PMC article.** Review.

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Zheng J.

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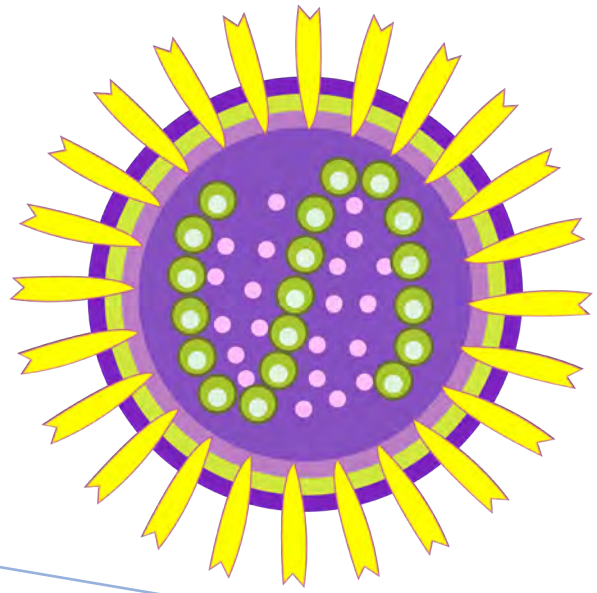

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MeSH terms

- Animals
- COVID-19 / virology*
- COVID-19 Drug Treatment
- Host-Pathogen Interactions
- Humans
- SARS-CoV-2 / chemistry
- SARS-CoV-2 / physiology*
- Viral Proteins / genetics
- Viral Proteins / metabolism
- Virus Internalization
- Virus Replication

MeSHタームの活用

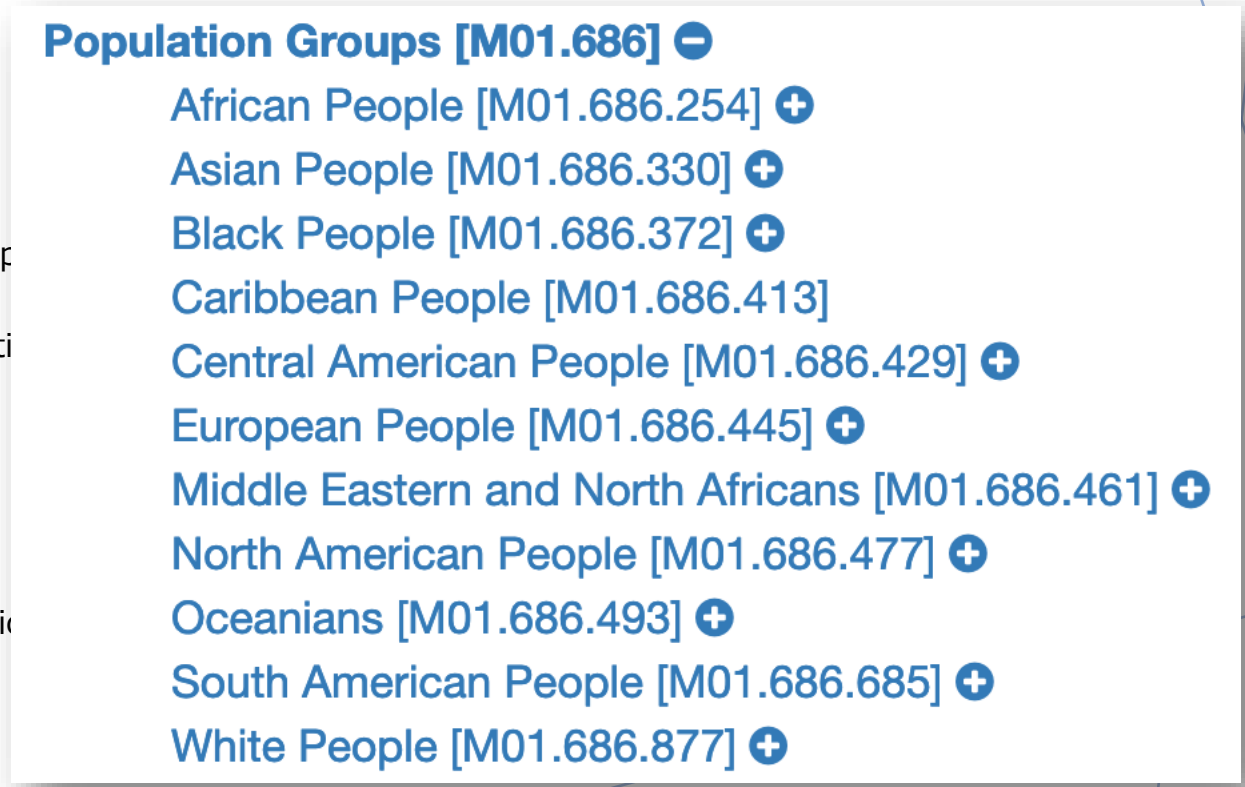
MeSH (Medical Subject Headings) ターム

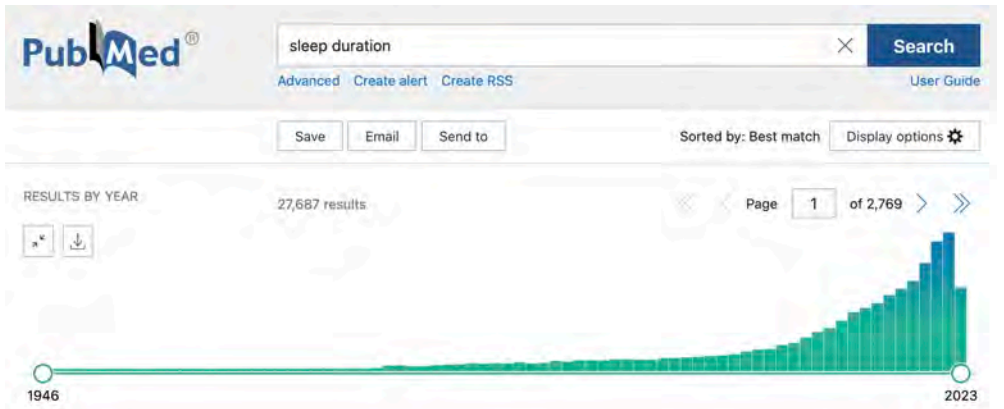
- 概念階層関係を持つ統制語彙（語彙数は3万弱）で毎年更新される
- PubMedに収載されてから1日程度で自動で付けられる
- PubMed検索時に利用することで効率良く目的の文献を見つけられる
- MEDLINEの代表的な特徴
- セマンティックウェブにおけるデータ表現、RDFによる配布も

2023新登場

262の新規ターム

D000093742 **Breakthrough Infections**
Treatment Emergent Infections|Vaccine Breakthrough Infections
D000093485 **COVID-19 Drug Treatment**
COVID-19 Drug Therapy|COVID19 Drug Therapy|COVID19 Drug Treatment|Coronavirus Disease 2019 Drug Treatment|Coronavirus Disease-19 Drug Treatment
D000094024 **Post-Acute COVID-19 Syndrome**
Long COVID|Long Haul COVID-19|Long-Haul COVID|Post Acute COVID-19 Syndrome|Post-Acute Sequelae of SARS-CoV-2 Infection|Post-COVID Conditions
D000093743 **Random Forest**
Random Forest Algorithm|Random Forest Classification
D000092003 **Artificial Life**
D000092682 **Motion Capture**
Biomechanical Movement Capture|Magnetic Motion Capture|MoCap
D000093983 **Information Sources**
Data Source|Data Sources|Information Source|Source of Informati
D000094362 **Sleep Duration**
Sleep Quantity|Total Sleep Time
D000095028 **Multiomics**
Multi-Omics
D000093846 **Sophora japonica**
Chinese Scholar Tree|Japanese Pagoda Tree|Styphnolobium japoni

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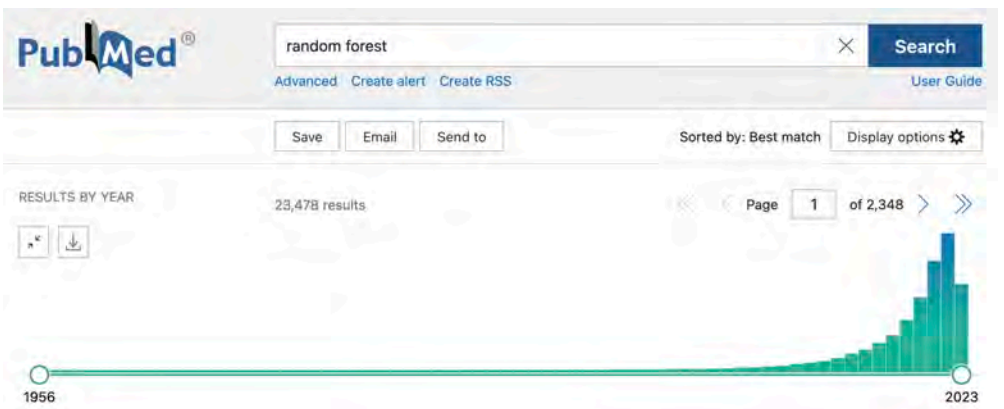
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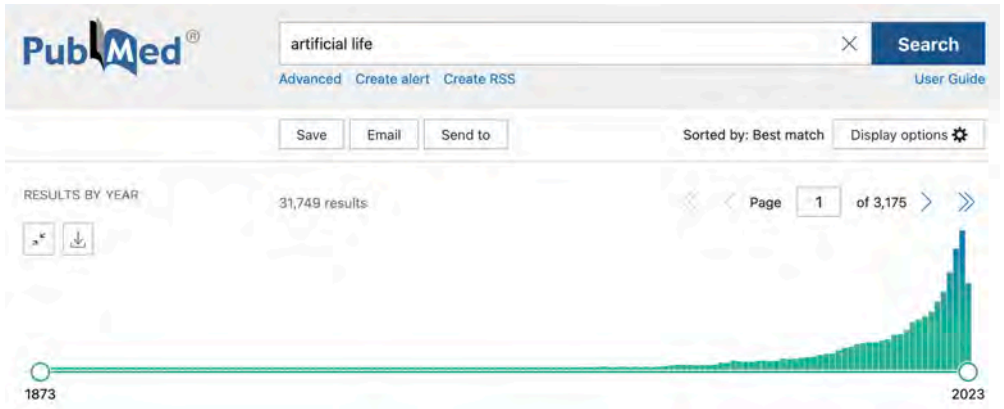
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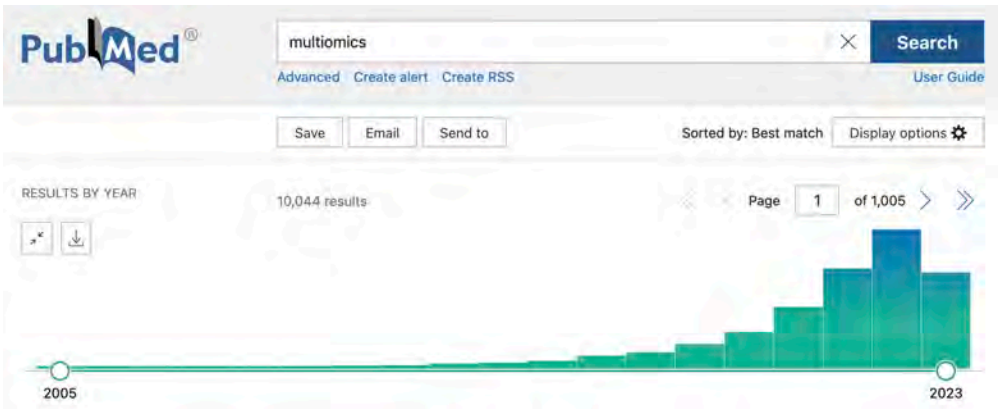
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エンジュ

出典: フリー百科事典『ウィキペディア（Wikipedia）』

この項目では、植物のエンジュ（槐）について説明しています。

- その他の槐については「槐」をご覧ください。
- ポケットモンスターシリーズに登場するエンジュシティについては「ジョウト地方」をご覧ください。

「鉛樹」、「緑寿」、あるいは「延寿」とは異なります。

エンジュ（槐[5]、学名: *Styphnolobium japonicum*[注 1]）はマメ亜科エンジュ属の落葉高木。中国原産。日本には古くに渡来し、花蕾や莢は生薬にして役立てられた。

特徴 [編集]

中国原産で、古くから台湾、日本、韓国などで植栽されている。日本へは8世紀には渡来していたとみられ[5]、和名は古名**えにす**の転化したもの。別名でニガキとよばれることもある[7]。中国植物名は槐[3]、または槐樹（かいじゅ）である[8]。街路樹によく使われ、公園や学校などの庭木としても植えられる[9]。

マメ科の落葉高木で、樹高は5 - 15メートル (m) になる[10]。成木の樹皮は暗灰白色で、細かく縦にはっきりと裂ける[11][12]。若木の樹皮は濃緑色で、皮目がある[12]。一年枝は暗緑色で、無毛または短毛がある[12]。

葉は奇数羽状複葉で互生し[5]、小葉は5 - 10対あり、長さ3 - 5センチメートル (cm) の卵形で先端は尖り、全縁で[10]、表面は緑色、裏面は緑白色で短毛がありフェルトのようになっている。小葉は、対につくか、交互につくかは変異があるため、個体によりばらつきがある[13]。よく似る植物にイヌエンジュがあるが、イヌエンジュよりも葉は細身で、小葉の枚数は多い[13]。

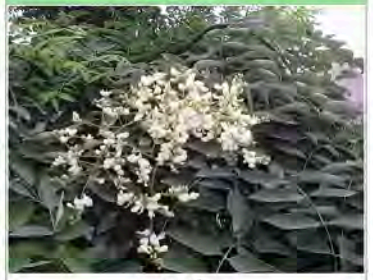
花期は7 - 8月で[11]、枝先の円錐花序に細かい白色の蝶形花を多数開き[9]、蜂などの重要な蜜源植物となっている。花の咲き方は、ややまばらに咲く[9]。

果期は10 - 11月[5]。豆果の莢は長さ5 - 8 cmで、種子と種子の間が著しく、数珠のように大きくくびれる[5]。枝には豆果が残り、裂開せずに冬でもねばつく[12]。種子はヒヨドリ等の果実食鳥により散布されるため、唐突に雑木として生えてくることもある[14]。

冬芽は葉柄内芽で、膨らんだ葉跡基部に隠れるように一部だけが露出しており、濃褐色の毛に覆われている[12]。仮頂芽はあまり発達せず、測芽は互生する[12]。

また、**シダレエンジュ**（*Styphnolobium japonicum* var. *pendulum*、シノニム*Sophora japonica* var. *pendula*）という枝垂れる変種があり、公園などに植栽される。

エンジュ



エンジュ

分類 (APG III)

界：植物界 Plantae
階級なし：被子植物 angiosperms
階級なし：真正双子葉類 eudicots
目：マメ目 Fabales
科：マメ科 Fabaceae
亜科：マメ亜科 Faboideae
属：エンジュ属 *Styphnolobium*
種：**エンジュ** *S. japonicum*

学名

Styphnolobium japonicum (L.) Schott (1831)[1][2][3]

シノニム

- *Sophora japonica* L. (1767)[4]

英名

Japanese Pagoda Tree

https://ja.wikipedia.org/wiki/%E3%82%A8%E3%83%B3%E3%82%B8%E3%83%A5

2023年7月

MeSH terms

- Animals
- Betacoronavirus / classification*
- COVID-19
- COVID-19 Drug Treatment
- Chiroptera / virology*
- Clinical Trials as Topic
- Coronavirus Infections / diagnosis*
- Coronavirus Infections / drug therapy
- Coronavirus Infections / physiopathology
- Coronavirus Infections / transmission
- Disease Outbreaks
- Evolution, Molecular
- Humans
- Pandemics
- Pneumonia, Viral / diagnosis*
- Pneumonia, Viral / drug therapy
- Pneumonia, Viral / physiopathology
- Pneumonia, Viral / transmission
- SARS-CoV-2
- Zoonoses / virology*

2021年6月

MeSH terms

- Animals
- Betacoronavirus / classification*
- COVID-19
- Chiroptera / virology*
- Clinical Trials as Topic
- Coronavirus Infections / diagnosis*
- Coronavirus Infections / drug therapy
- Coronavirus Infections / physiopathology
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- Pneumonia, Viral / drug therapy
- Pneumonia, Viral / physiopathology
- Pneumonia, Viral / transmission
- SARS-CoV-2
- Zoonoses / virology*

2020年9月

MeSH terms

- Animals
- Betacoronavirus / classification*
- Chiroptera / virology*
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- Coronavirus Infections / diagnosis*
- Coronavirus Infections / drug therapy
- Coronavirus Infections / physiopathology
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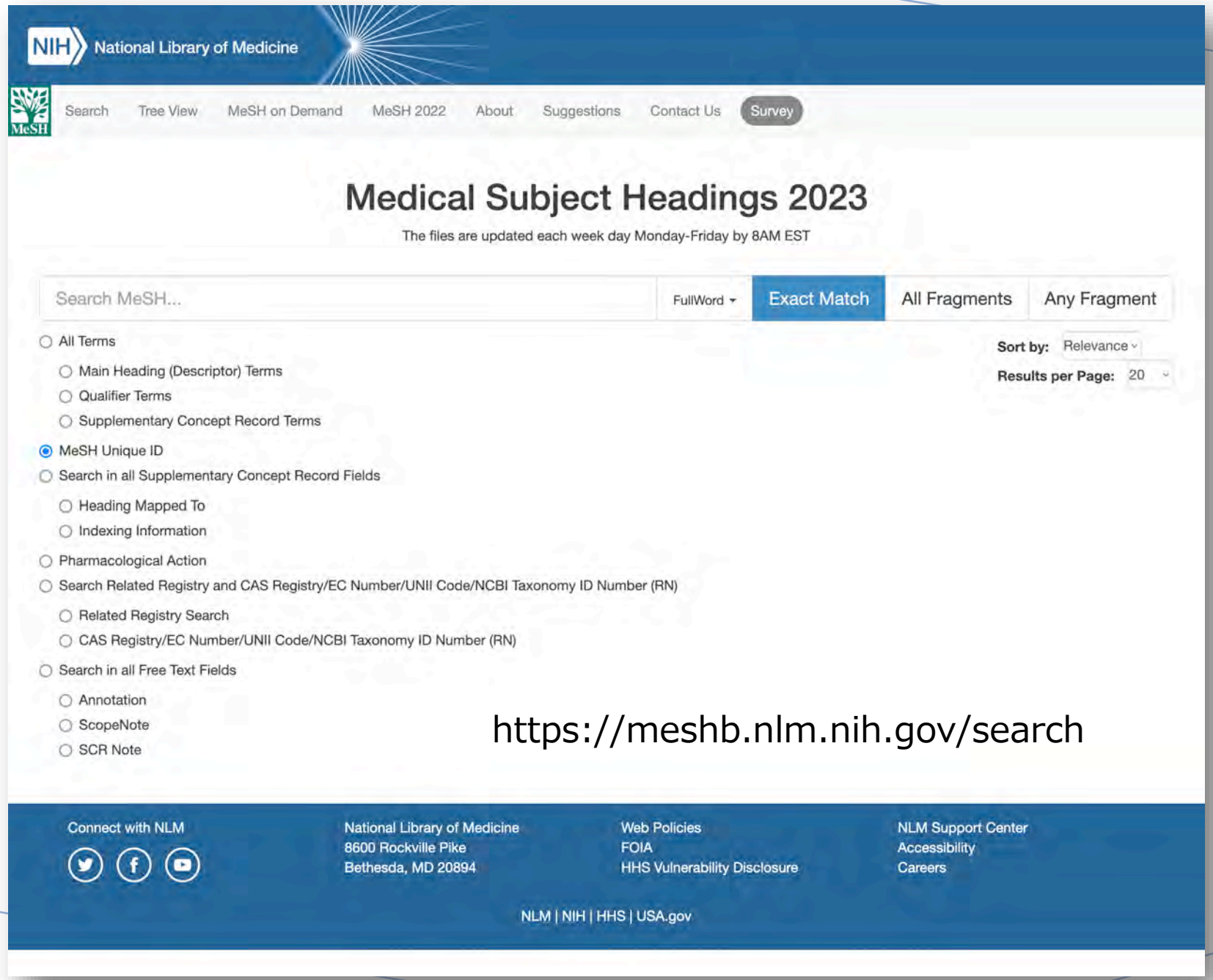
- Pandemics
- Pneumonia, Viral / diagnosis*
- Pneumonia, Viral / drug therapy
- Pneumonia, Viral / physiopathology
- Pneumonia, Viral / transmission
- Zoonoses / virology*

SARS-CoV-2: an Emerging Coronavirus that Causes a Global Threat - PubMed (nih.gov)
https://pubmed.ncbi.nlm.nih.gov/32226285/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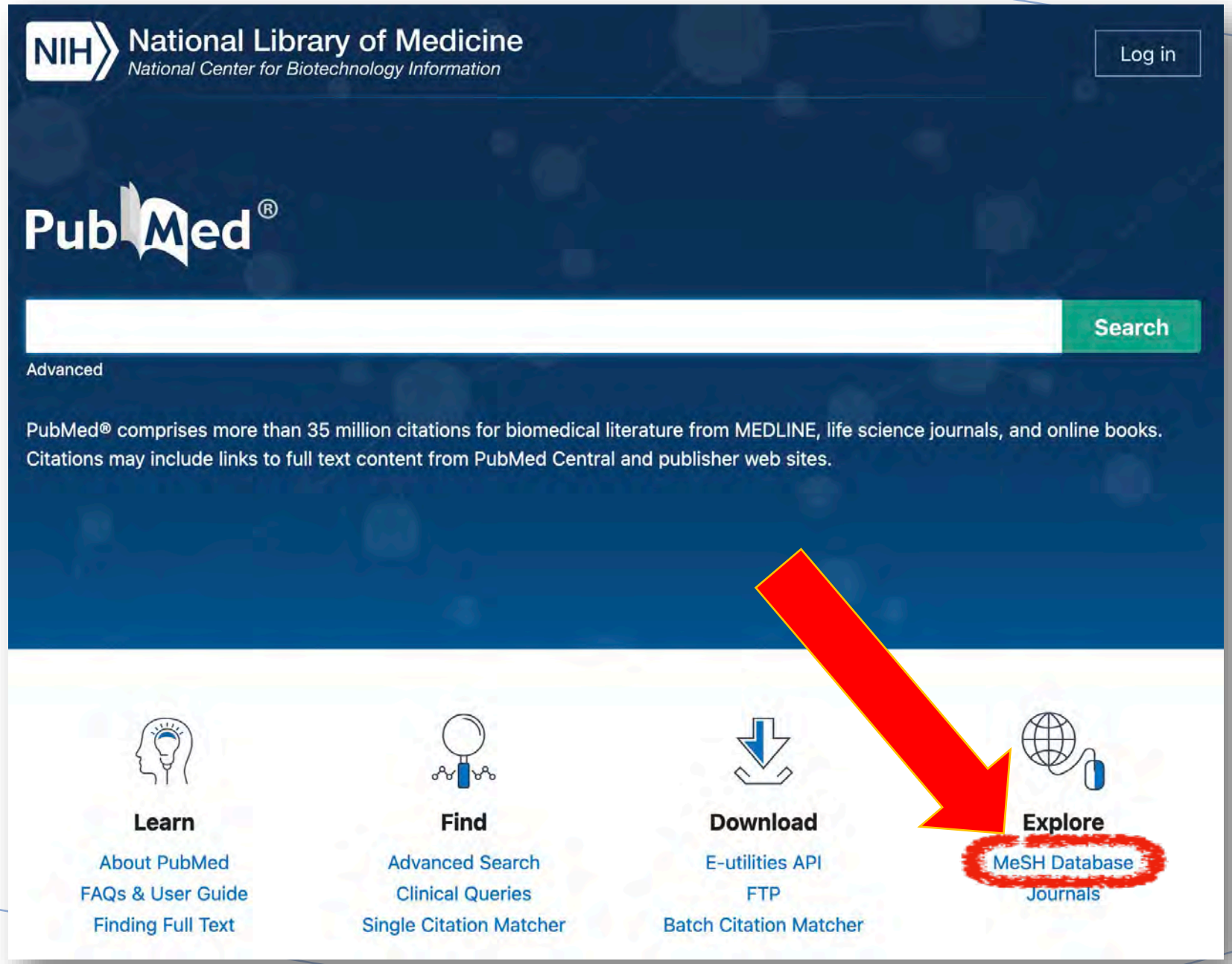
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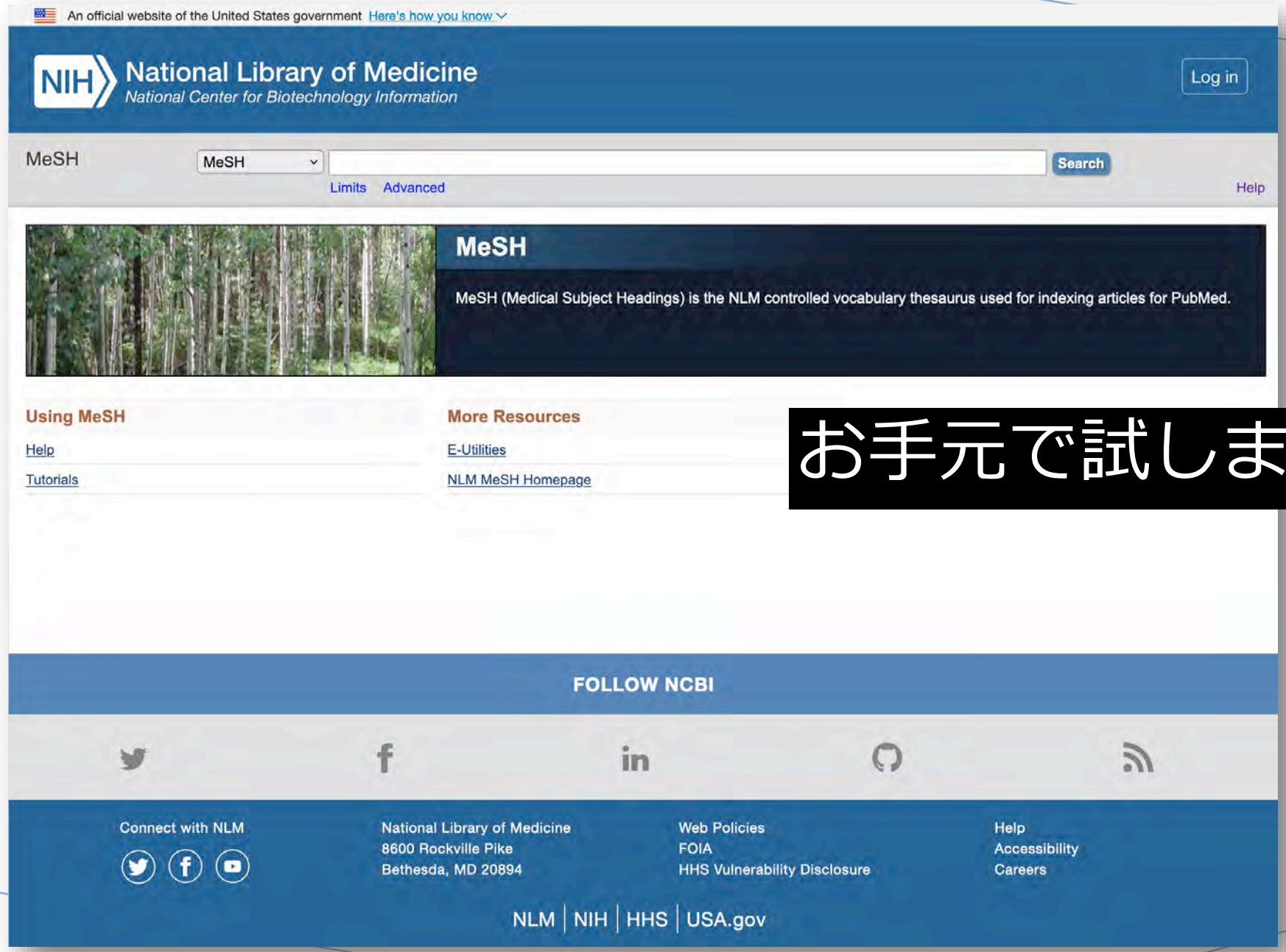
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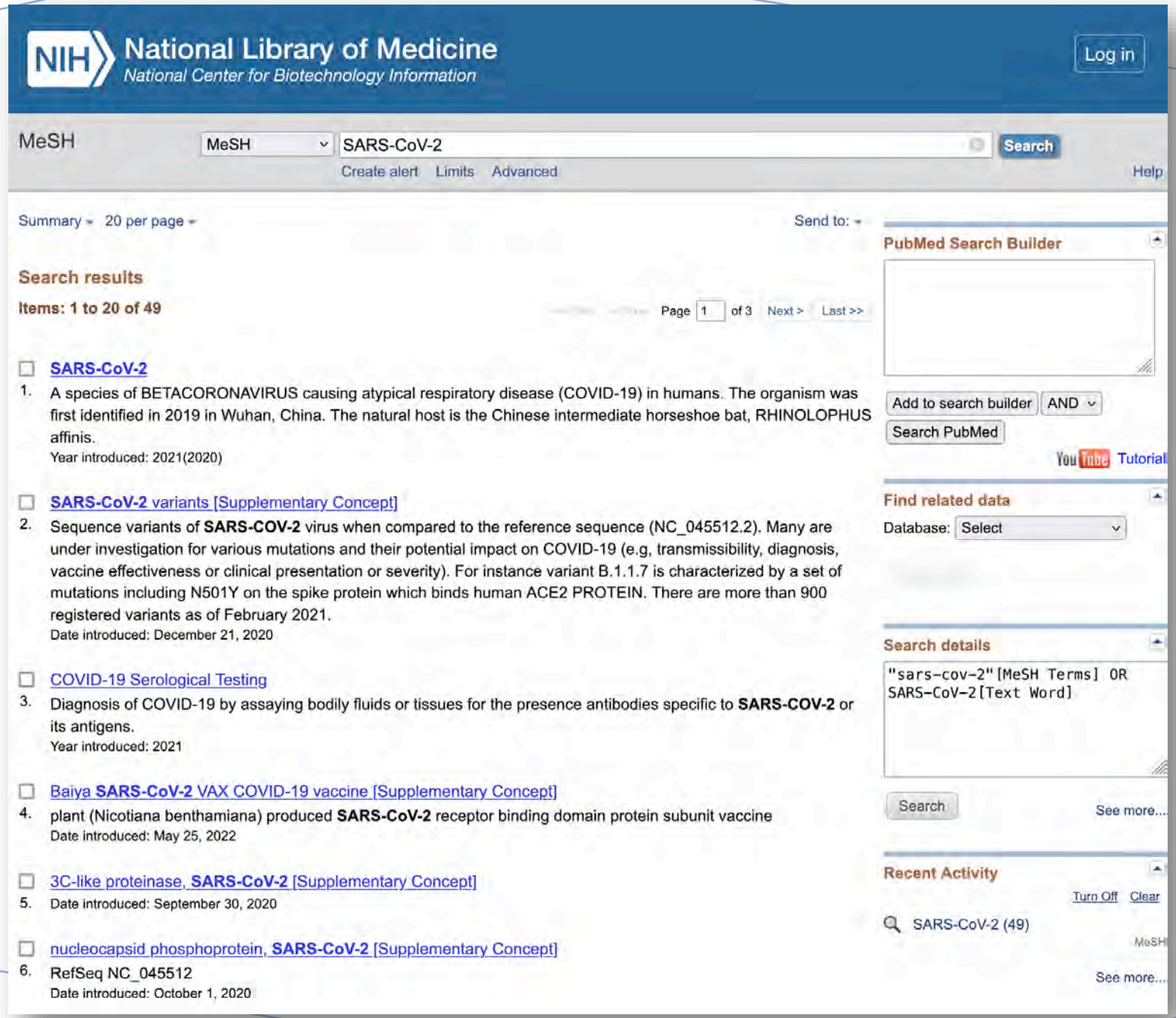

https://tinyurl.com/sarscov2mesh

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SARS-CoV-2

A species of BETACORONAVIRUS causing atypical respiratory disease (COVID-19) in humans. The organism was first identified in 2019 in Wuhan, China. The natural host is the Chinese intermediate horseshoe bat, RHINOLOPHUS affinis.
Year introduced: 2021(2020)

PubMed search builder options
Subheadings:

- chemistry
- classification
- drug effects
- enzymology
- genetics
- growth and development
- immunology
- isolation and purification
- metabolism
- pathogenicity
- physiology
- radiation effects
- ultrastructure

Restrict to MeSH Major Topic.
Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): B04.820.578.500.540.150.113.937.500
MeSH Unique ID: D000086402
Registry Number: txid2697049
Entry Terms:

- SARS-CoV-2 Virus
- SARS CoV 2 Virus
- SARS-CoV-2 Viruses
- Virus, SARS-CoV-2
- 2019 Novel Coronavirus
- 2019 Novel Coronaviruses
- Coronavirus, 2019 Novel
- Novel Coronavirus, 2019
- COVID-19 Virus
- COVID 19 Virus
- COVID-19 Viruses
- Virus, COVID-19
- Wuhan Coronavirus
- Coronavirus, Wuhan
- COVID19 Virus
- COVID19 Viruses
- Virus, COVID19
- Viruses, COVID19
- Coronavirus Disease 2019 Virus
- Severe Acute Respiratory Syndrome Coronavirus 2
- SARS Coronavirus 2
- Coronavirus 2, SARS
- 2019-nCoV
- Wuhan Seafood Market Pneumonia Virus

All MeSH Categories
Organisms Category
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RNA Viruses
Positive-Strand RNA Viruses
Nidovirales
Coronaviridae
Coronavirus
Betacoronavirus
Severe acute respiratory syndrome-related coronavirus
SARS-CoV-2

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PubMed search builder options

Subheadings:

- ☐ chemistry
- ☐ classification
- ☑ drug effects
- ☐ enzymology
- ☐ genetics
- ☐ growth and development
- ☐ immunology
- ☐ isolation and purification
- ☐ metabolism
- ☐ pathogenicity
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- ☐ radiation effects
- ☐ ultrastructure

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MeSH Unique ID: D000086402

Registry Number: txid2697049

Entry Terms:

- SARS-CoV-2 Virus
- SARS CoV 2 Virus
- SARS-CoV-2 Viruses
- Virus, SARS-CoV-2
- 2019 Novel Coronavirus
- 2019 Novel Coronaviruses

② ③ Add to search builder | AND

④ Search PubMed

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Year introduced: 2021(2020)

PubMed search builder options

Subheadings:

- [ ] chemistry
- [ ] classification
- [x] drug effects
- [ ] enzymology
- [ ] genetics
- [ ] growth and development
- [ ] immunology
- [ ] isolation and purification
- [ ] metabolism
- [ ] pathogenicity
- [ ] physiology
- [ ] radiation effects
- [ ] ultrastructure

- [x] Restrict to MeSH Major Topic.
- [ ] Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): B04.820.578.500.540.150.113.937.500

MeSH Unique ID: D000086402

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- SARS CoV 2 Virus
- SARS-CoV-2 Viruses
- Virus, SARS-CoV-2
- 2019 Novel Coronavirus
- 2019 Novel Coronaviruses

PubMed Search Builder

"SARS-CoV-2/drug effects" [Majr]

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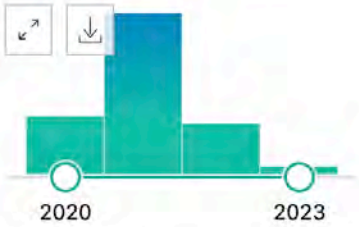

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- Meta-Analysis
- Randomized Controlled Trial
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Rapid Virucidal Activity of Japanese *Saxifraga* Species-Derived Condensed Tannins against SARS-CoV-2, Influenza A Virus, and Human Norovirus Surrogate Viruses.

Murata T, Jamsransuren D, Matsuda S, Ogawa H, Takeda Y.

Appl Environ Microbiol. 2023 Jun 28;89(6):e0023723. doi: 10.1128/aem.00237-23. Epub 2023 May 15.

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Differential serum neutralisation of omicron sublineages in patients receiving prophylaxis with tixagevimab-cilgavimab.

Solera JT, Arbol BG, Ferreira VH, Kurtesi A, Hu Q, Ierullo M, Valverde-Zuniga A, Raslan I, Nasir A, Grizales C, Hardy WR, Kulasingam V, Gingras AC, Humar A, Kumar D.

Lancet Infect Dis. 2023 May;23(5):528-530. doi: 10.1016/S1473-3099(23)00208-6. Epub 2023 Apr 5.

PMID: 37030318 Free PMC article. No abstract available.

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Acid sphingomyelinase (ASM) and COVID-19: A review of the potential use of ASM inhibitors against SARS-CoV-2.

Pauletto PJT, Delgado CP, da Rocha JBT.

Cell Biochem Funct. 2023 Apr;41(3):284-295. doi: 10.1002/cbf.3789. Epub 2023 Mar 17.

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Search	Actions	Details	Query	Results	Time
#2	•••	>	Search: **"SARS-CoV-2/drug effects"[Majr]** Sort by: **Most Recent**	1,639	21:48:14
#1	•••	>	Search: **sars cov-2**	205,700	21:46:56

Showing 1 to 2 of 2 entries

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Search	Actions	Details	Query	Results	Time
#2	•••	⌄	Search: **"SARS-CoV-2/drug effects"[Majr]** Sort by: **Most Recent** "sars cov 2/drug effects"[MeSH Major Topic]	1,639	21:48:14
#1	•••	⌄	Search: **sars cov-2** "sars cov 2"[MeSH Terms] OR "sars cov 2"[All Fields] OR "sars cov 2"[All Fields] **Translations** **sars cov-2:** "sars-cov-2"[MeSH Terms] OR "sars-cov-2"[All Fields] OR "sars cov 2"[All Fields]	205,700	21:46:56

Showing 1 to 2 of 2 entries

Search Field descriptions and tags

Affiliation [AD]

All Fields [ALL]

Article Identifier [AID]

Author [AU]

Author Identifier [AUID]

Book [BOOK]

Comment Correction Type

Completion Date [DCOM]

Conflict of Interest Statement [COIS]

Corporate Author [CN]

Create Date [CRDT]

EC/RN Number [RN]

Editor [ED]

Entry Date [EDAT]

Filter [FILTER] [SB]

First Author Name [1AU]

Full Author Name [FAU]

Full Investigator Name [FIR]

Grant Number [GR]

Investigator [IR]

ISBN [ISBN]

Issue [IP]

Journal [TA]

Language [LA]

Last Author Name [LASTAU]

Location ID [LID]

MeSH Date [MHDA]

MeSH Major Topic [MAJR]

MeSH Subheadings [SH]

MeSH Terms [MH]

Modification Date [LR]

NLM Unique ID [JID]

Other Term [OT]

Owner

Pagination [PG]

Personal Name as Subject [PS]

Pharmacological Action [PA]

Place of Publication [PL]

PMCID and MID

PMID [PMID]

Publication Date [DP]

Publication Type [PT]

Publisher [PUBN]

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Subset [SB]

Supplementary Concept [NM]

Text Words [TW]

Title [TI]

Title/Abstract [TIAB]

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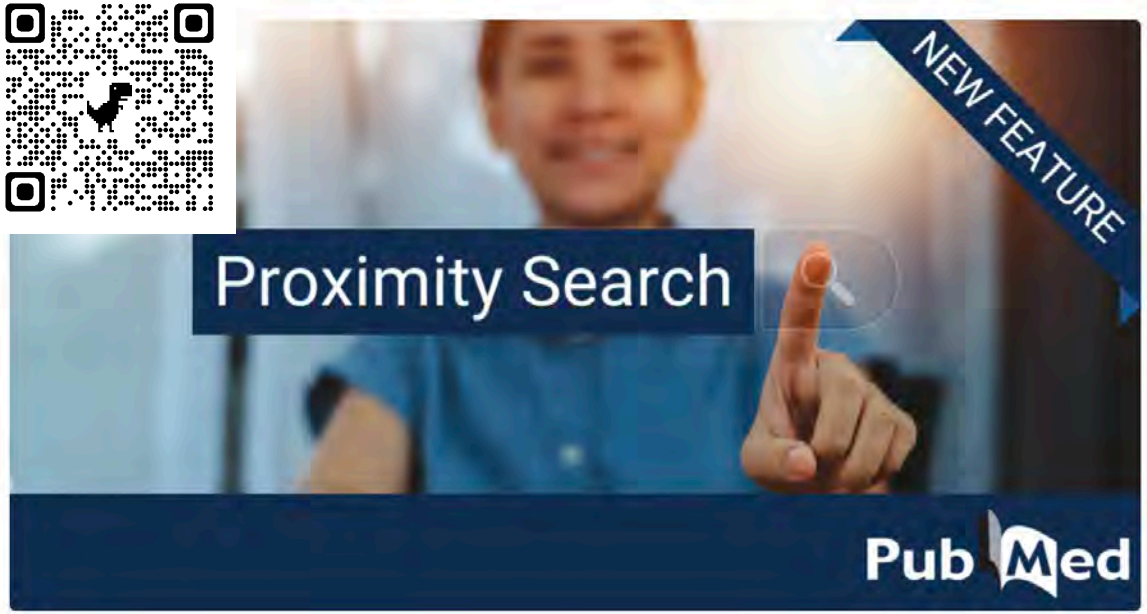
AND, OR, NOT

- 検索語を複数入力して、それらの間の条件を指定できる
  - AND: すべての検索語を含む
  - OR: いずれかの検索語を含む
  - NOT: NOT直後の検索語を含まない

https://pubmed.ncbi.nlm.nih.gov/help/#combining-with-boolean-operators

去年導入された新機能



New Proximity Search Feature Available in PubMed

PubMed, a free National Library of Medicine (NLM) resource supporting the search and retrieval of biomedical and life sciences literature, has a brand-new feature! With proximity search, you can now search for multiple terms appearing in any order within a specified distance of one another in the [Title] or [Title/Abstract] fields.

https://tinyurl.com/3pddfsuf

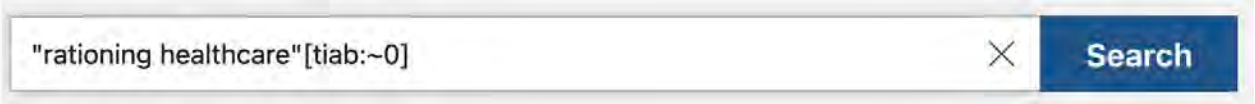
Proximity search (近接検索)

複数の単語が順番関係なく、与えた距離内で出現する文献情報を検索。

特に同義語が多い場合に効率よく検索できる。

例：rationing healthcare の他の表現

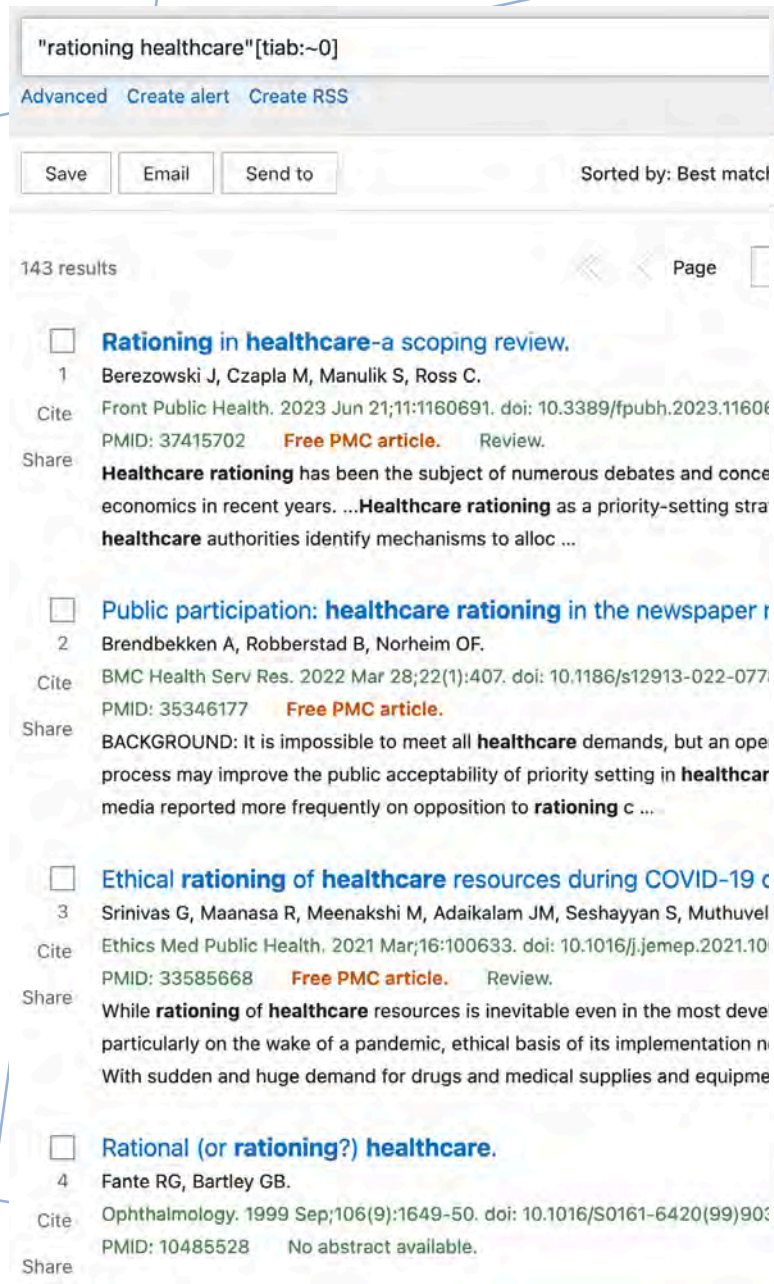
- healthcare rationing（他の単語が間にない=0）
- rationing of healthcare（同=1）
- rationing strategies of healthcare（同=2）



[Title] もしくは [Title/Abstract] フィールドが対象

Query	Results
Search: **"rationing healthcare"[tiab:~2]** "rationing healthcare"[Title/Abstract:~2]	200
Search: **"rationing healthcare"[tiab:~0]** "rationing healthcare"[Title/Abstract:~0]	143
Search: **"rationing healthcare"[tiab:~1]** "rationing healthcare"[Title/Abstract:~1]	184

詳細：https://tinyurl.com/5cm442bu



組み合わせて使える

"accidental overdose"[Title/Abstract:~3] AND acetaminophen

"patient physician relationship"[tiab:~0] OR "patient doctor relationship"[tiab:~0]

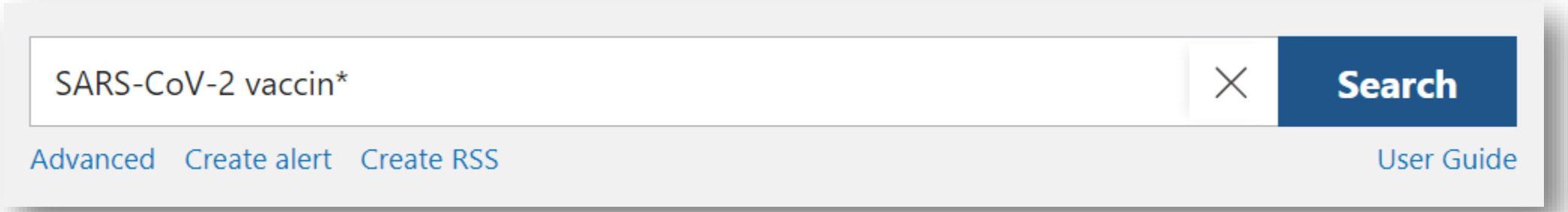
ワイルドカード（*）

検索語の直後にワイルドカード（*）を加えると、その検索語を語幹に含む全ての語が検索対象になる

・語幹の長さは4文字以上必要

・MeSHタームへの自動マップは行われない

・複数の検索語を入力する場合は、最後に含める



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vaccines
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vaccination
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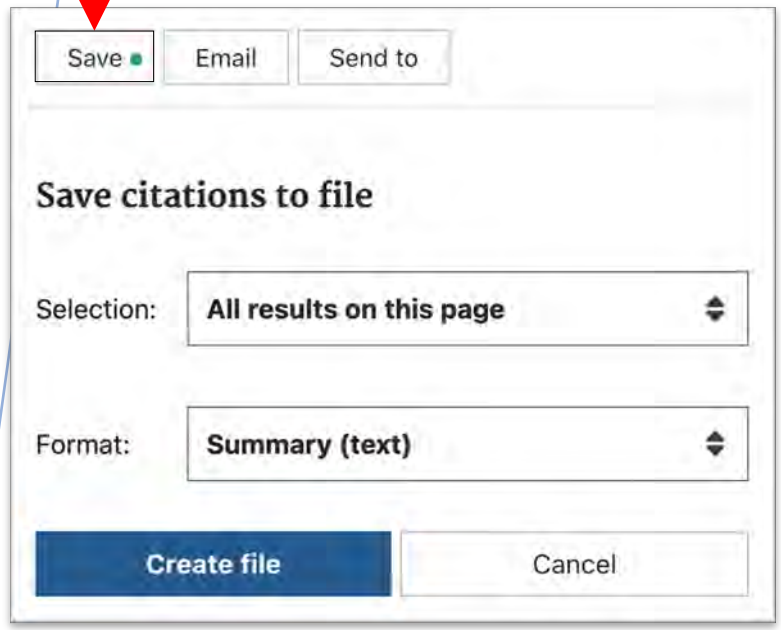
検索結果の保存と通知機能



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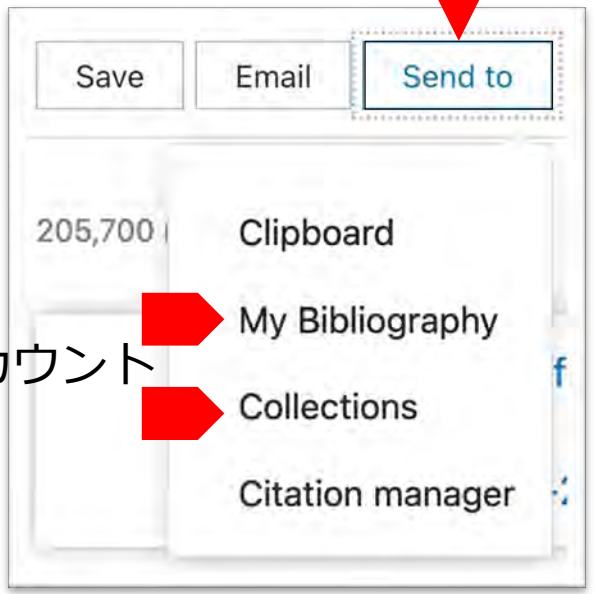

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紹介済み

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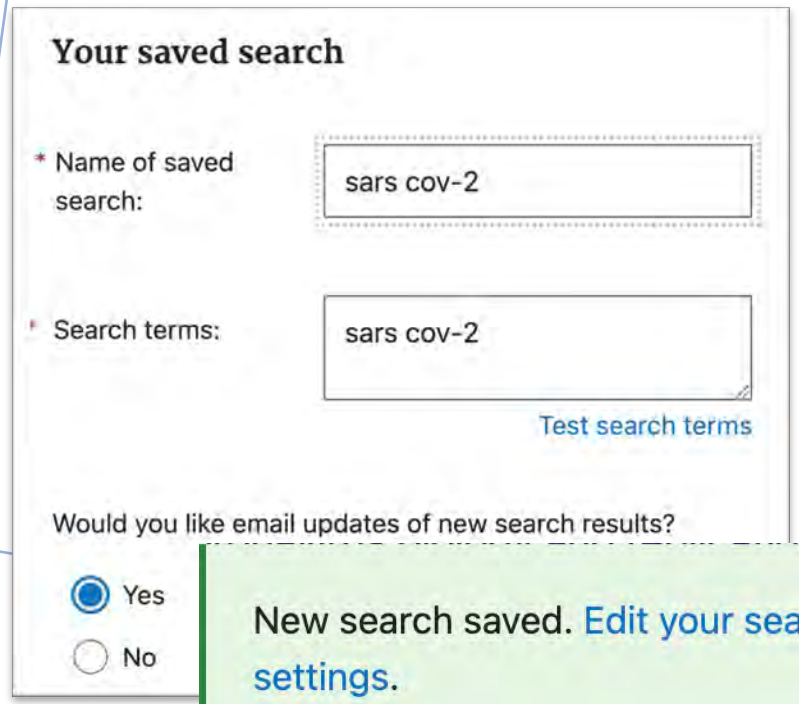

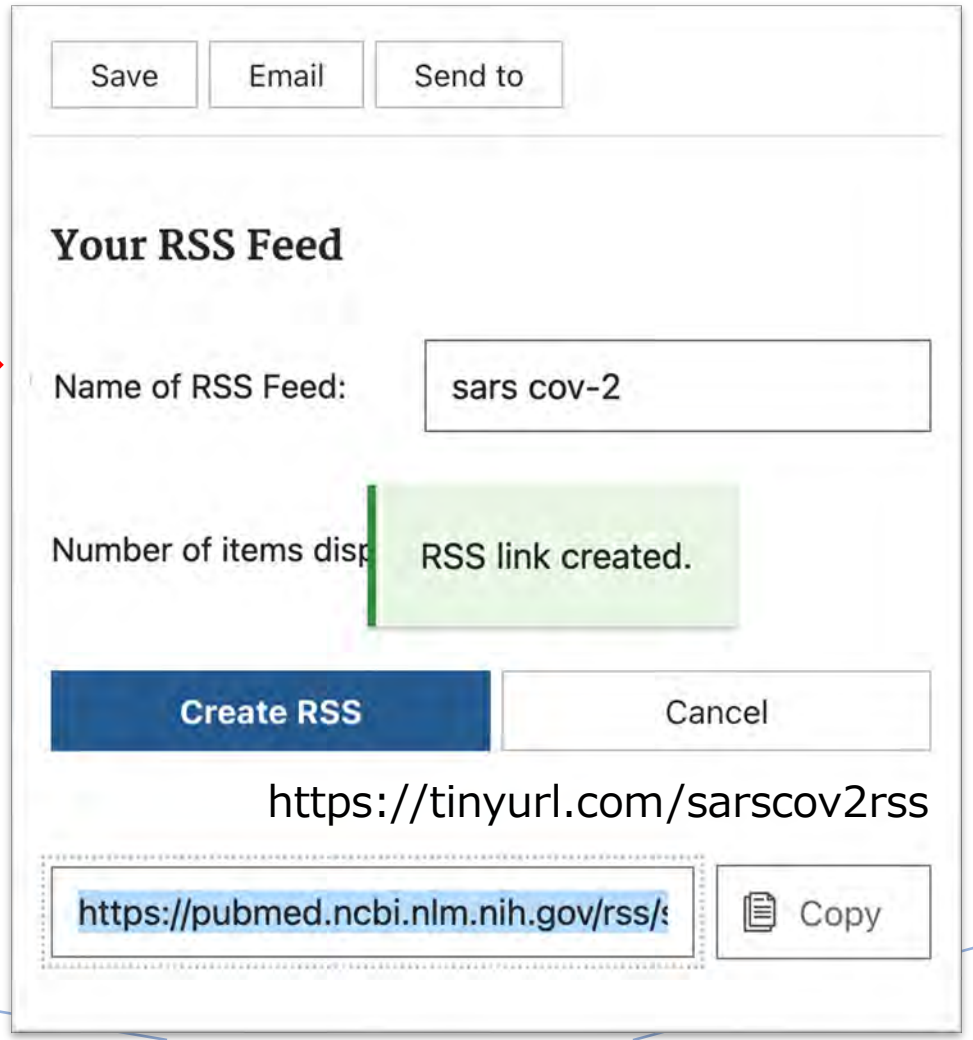

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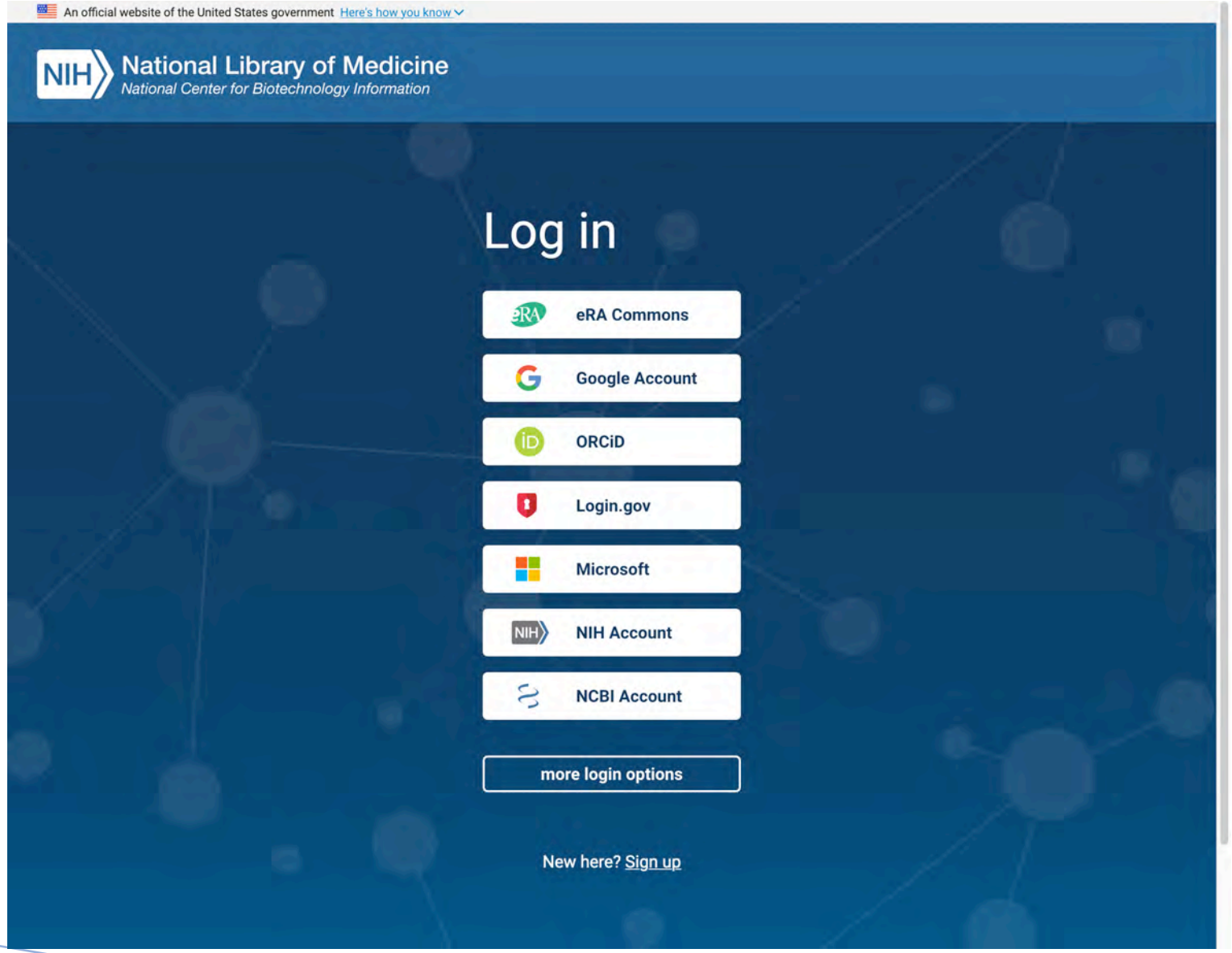
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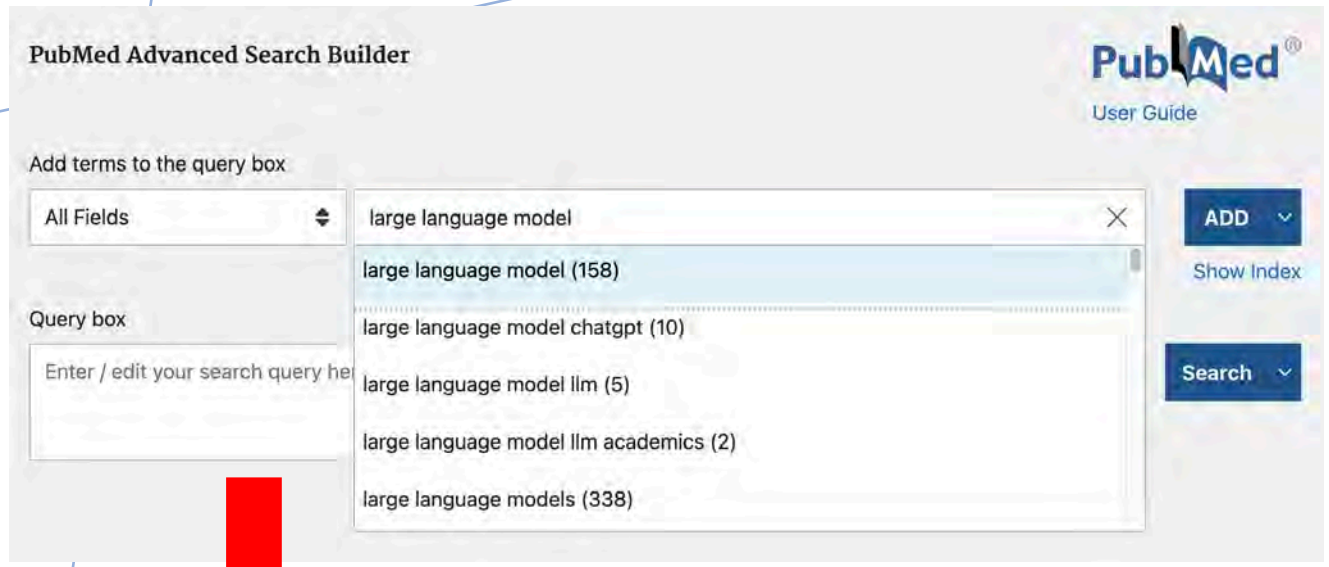
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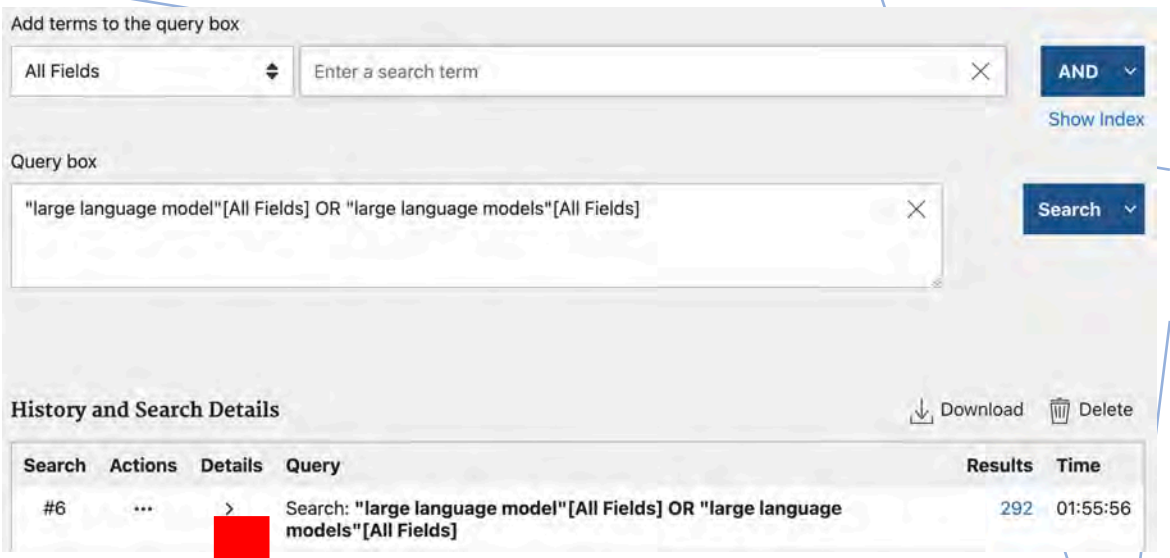
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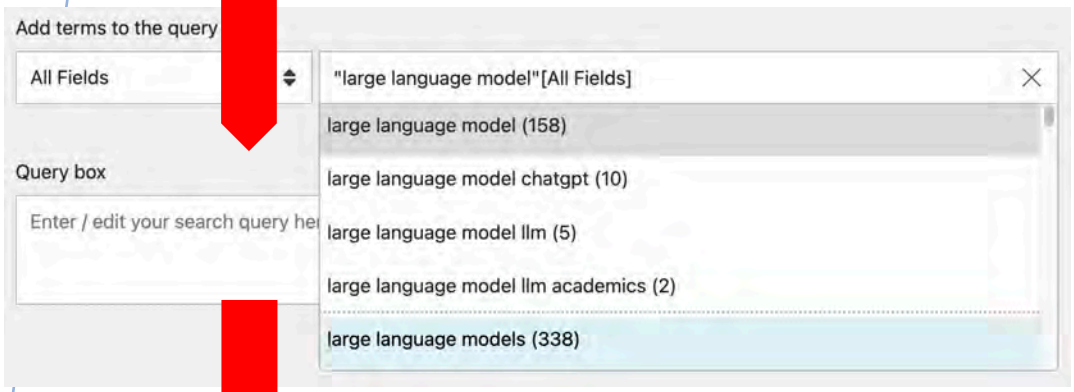
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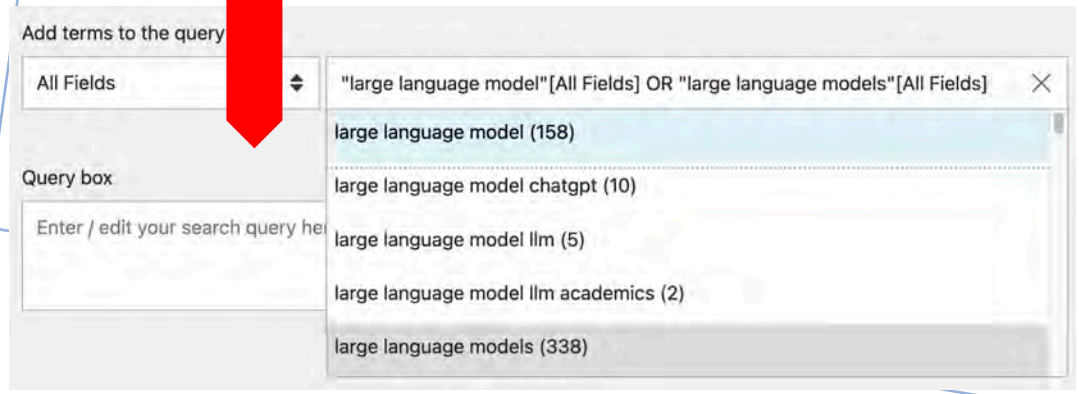
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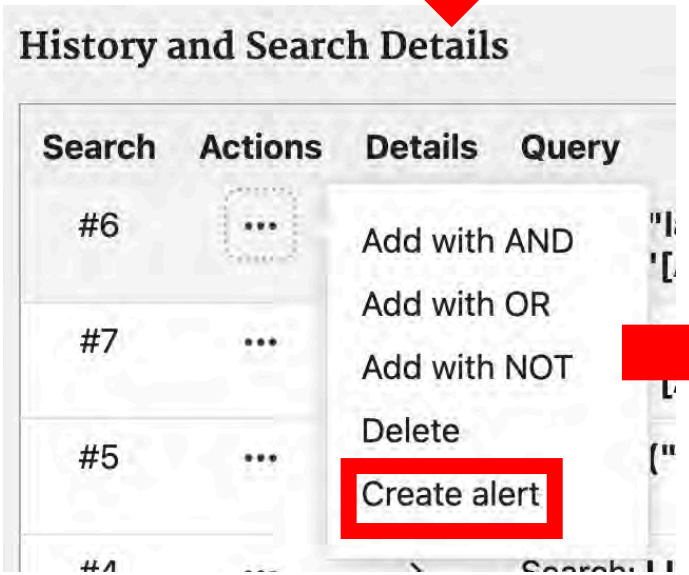
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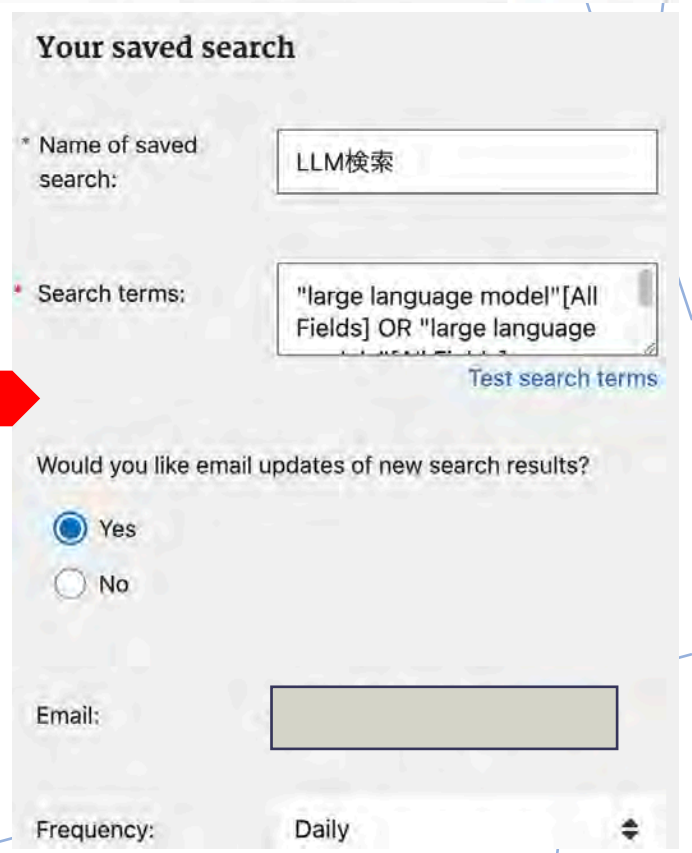
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Huashi Baidu prescription HSBDF recommended in the Guideline for the Diagnosis and Treatment of Novel Coronavirus 2019 nCoV Pneumonia On Trials the Seventh Edition was clinically used to treat severe corona virus disease 2019 COVID 19 with cough blood stained sputum inhibited defecation red tongue etc symptoms This study was aimed to elucidate and profile the knowledge on its chemical constituents and the potential anti inflammatory effect in vitro In the study the chemical constituents in extract of HSBDF were characterized by UPLC Q TOF MS in both negative and positive modes and the pro in ammatory cytokines were measured by enzyme linked immunosorbent assays ELISA to determine the effects of HSBDF in lipopolysaccharide LPS stimulated RAW264 7 cells The results showed that a total of 217 chemical constituents were tentatively characterized in HSBDF Moreover HSBDF could alleviate the expression levels of IL 6 and TNF in the cell models indicating that the antiviral effects of HSBDF might be associated with regulation of the inflammatory cytokines production in RAW264 7 cells We hope that the results could be served as the basic data for further study of HSBDF on anti COVID 19 effect

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3. Viburnum pichinchense methanol extract exerts anti-inflammatory effects via targeting the NF-kappaB and

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3. Viburnum pichinchense methanol extract exerts anti-inflammatory effects via targeting the NF-kappaB and caspase-11 non-canonical inflammasome pathways in macrophages. PMID: 31419499
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8. Investigation of constituents from Cinnamomum camphora (L.) J. Presl and evaluation of their anti-inflammatory properties in lipopolysaccharide-stimulated RAW 264.7 macrophages. PMID: 29660467
9. Anti-inflammatory effects of methanol extracts of the root of Lilium lancifolium on LPS-stimulated Raw264.7 cells. PMID: 20412846
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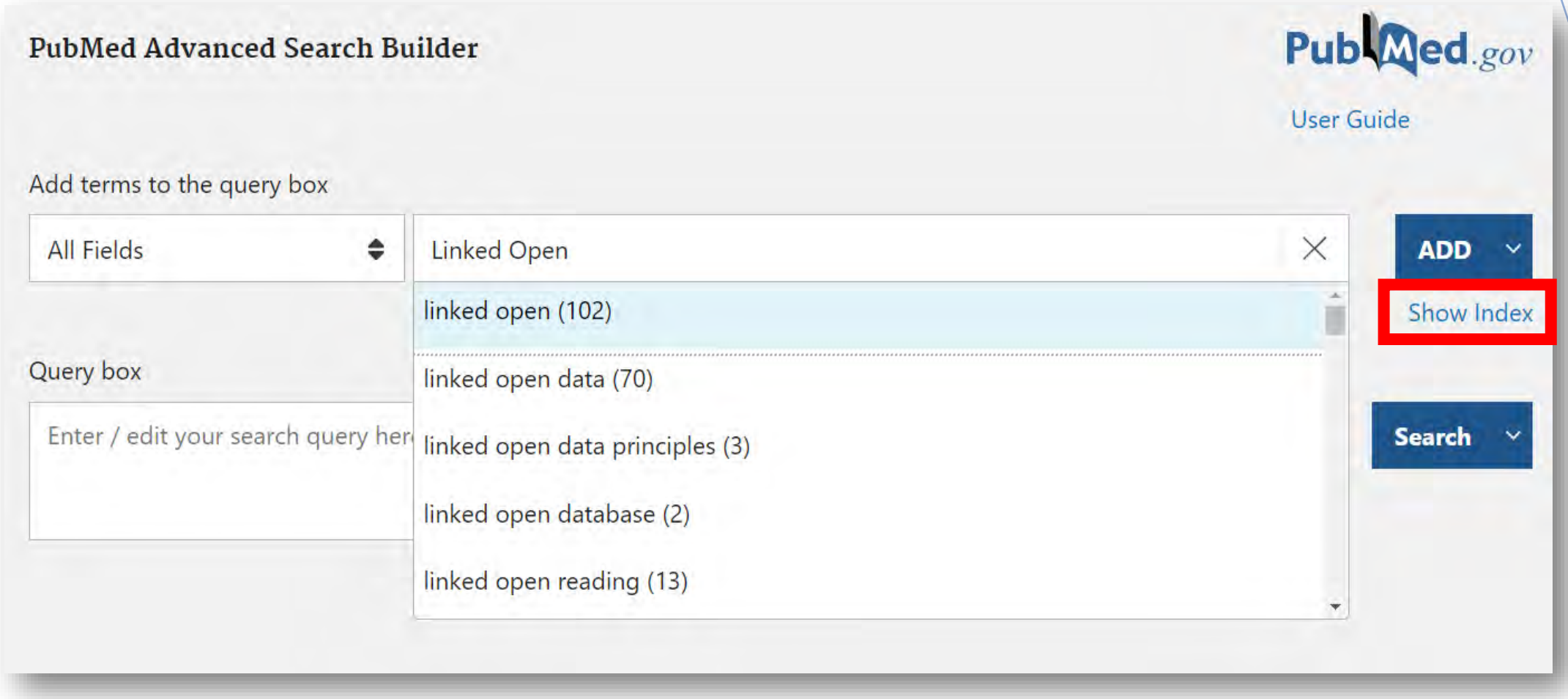
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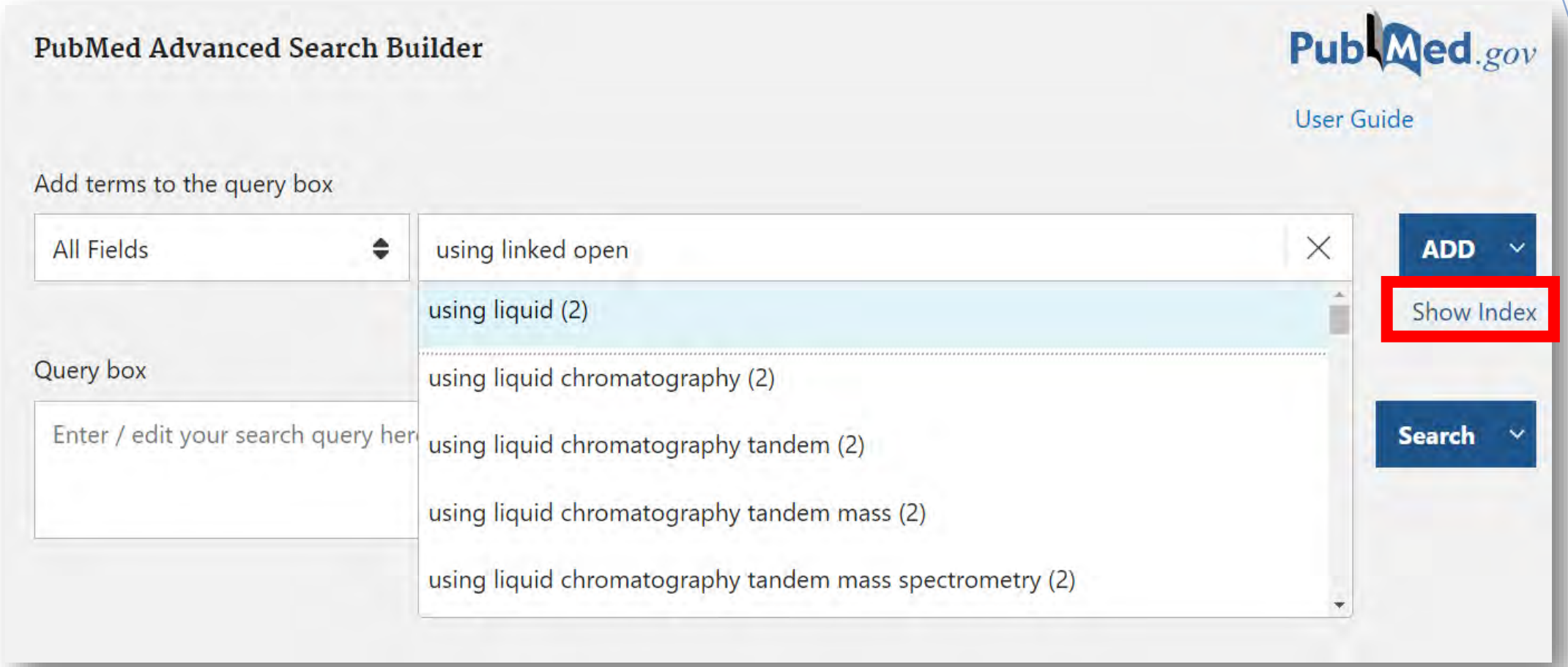
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Implications of the Higgs discovery for the MSSM

Abdelhak Djouadi [1]

Affiliations + expand

PMID: 25814886 PMCID: PMC4371076 DOI: 10.1140/epjc/s10052-013-2704-3

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Abstract

The implications of the discovery of the Higgs boson at the LHC with a mass of approximately 125 GeV are summarised in the context of the minimal supersymmetric extension of the Standard Model, the MSSM. Discussed are the implications from the measured mass and production/decay rates of the observed particle and from the constraints in the search for the heavier Higgs states at the LHC.

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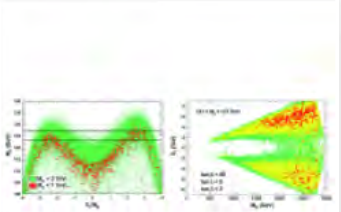

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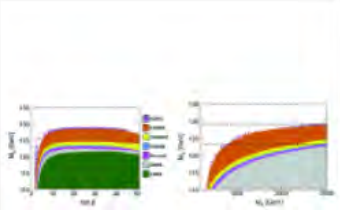

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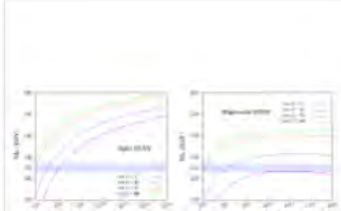

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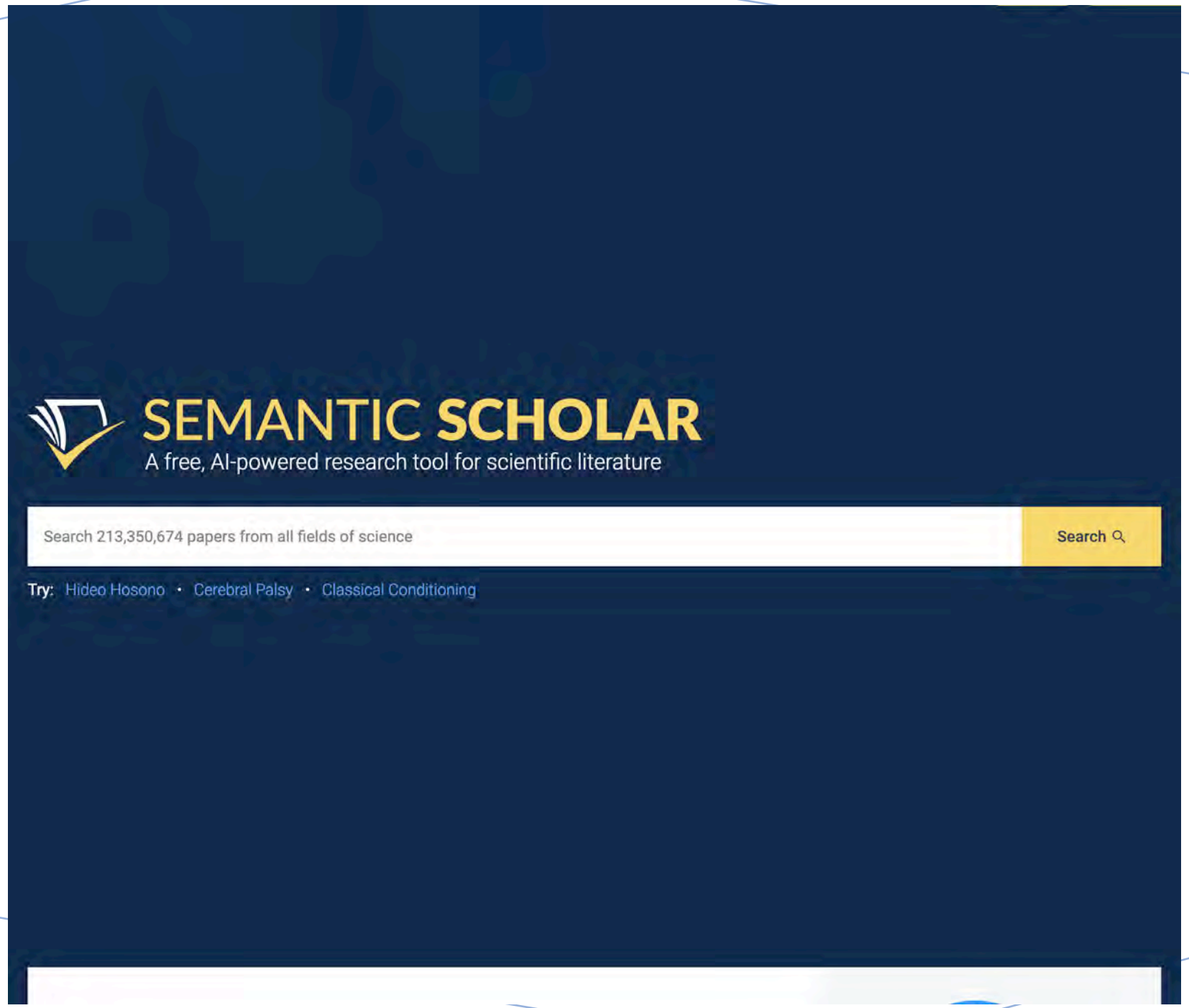
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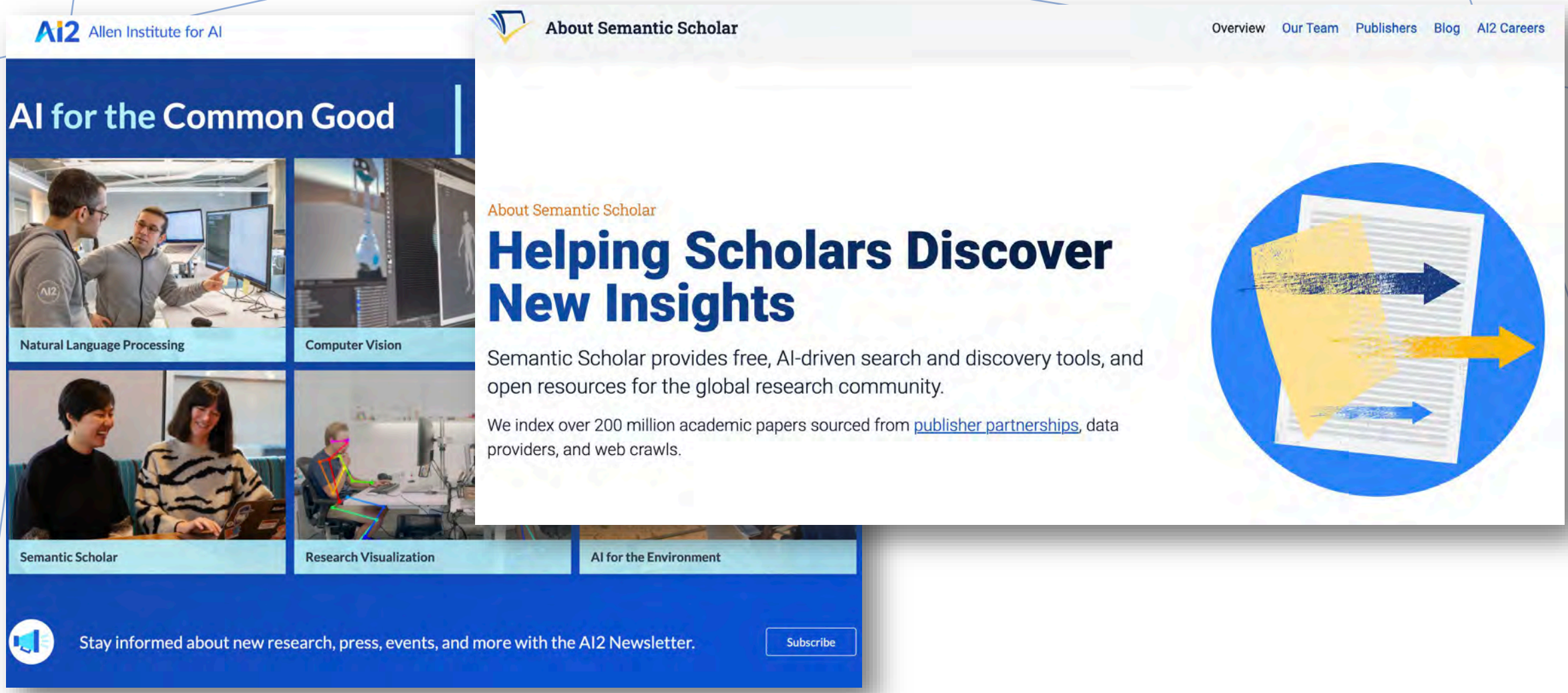

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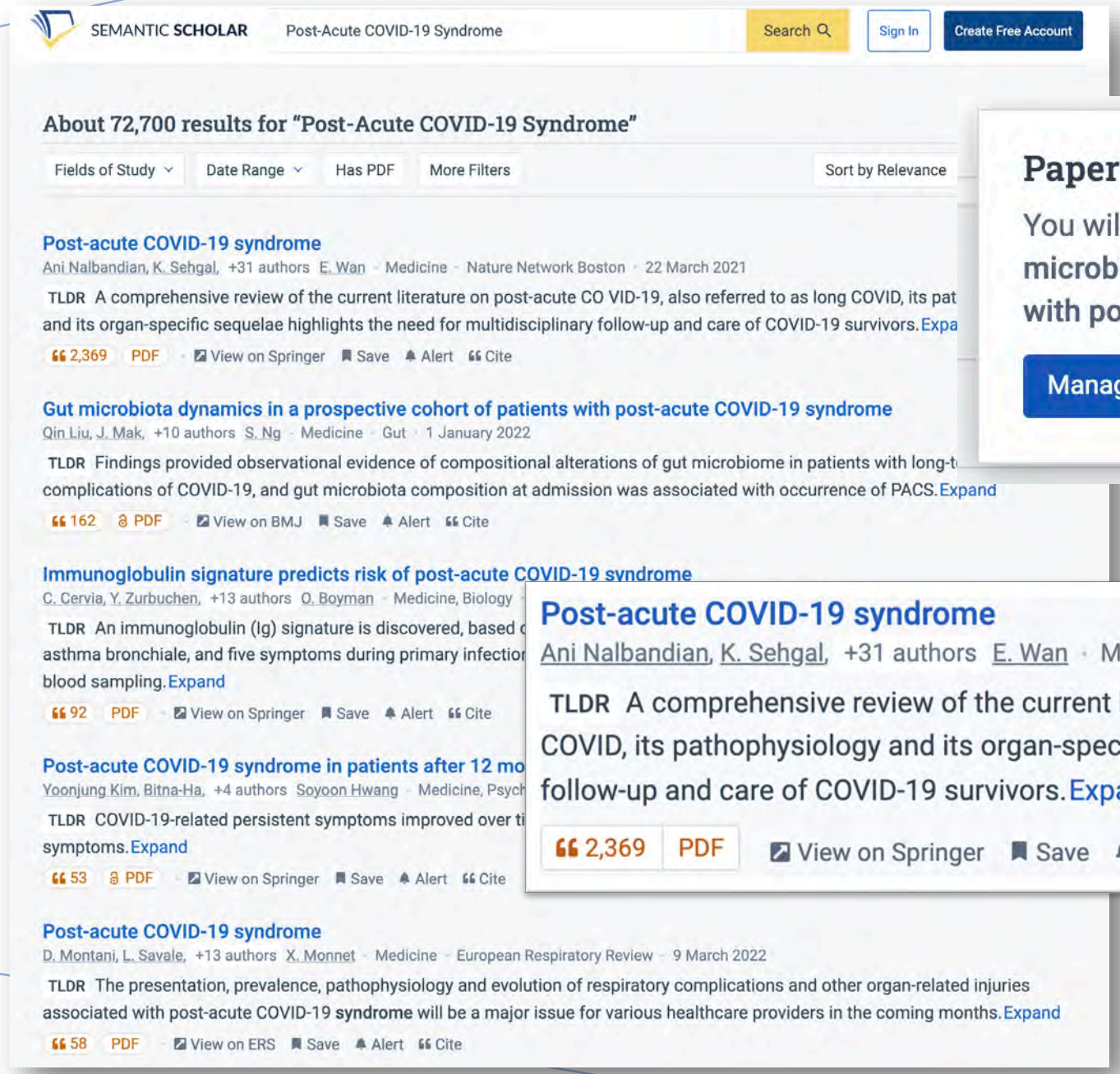
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Ani Nalbandian, K. Sehgal, +31 authors E. Wan · Medicine · Nature Network Boston · 22 March 2021
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Qin Liu, J. Mak, +10 authors S. Ng · Medicine · Gut · 1 January 2022
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complications of COVID-19, and gut microbiota composition at admission was associated with occurrence of PACS. Expand
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asthma bronchiale, and five symptoms during primary infectio
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D. Montani, L. Savale, +13 authors X. Monnet · Medicine · European Respiratory Review · 9 March 2022
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associated with post-acute COVID-19 syndrome will be a major issue for various healthcare providers in the coming months. Expand
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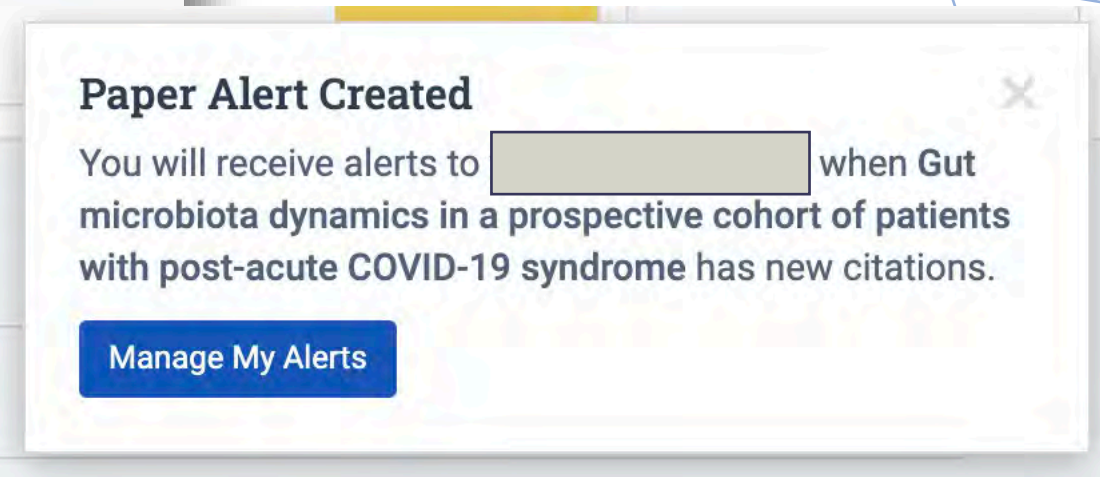
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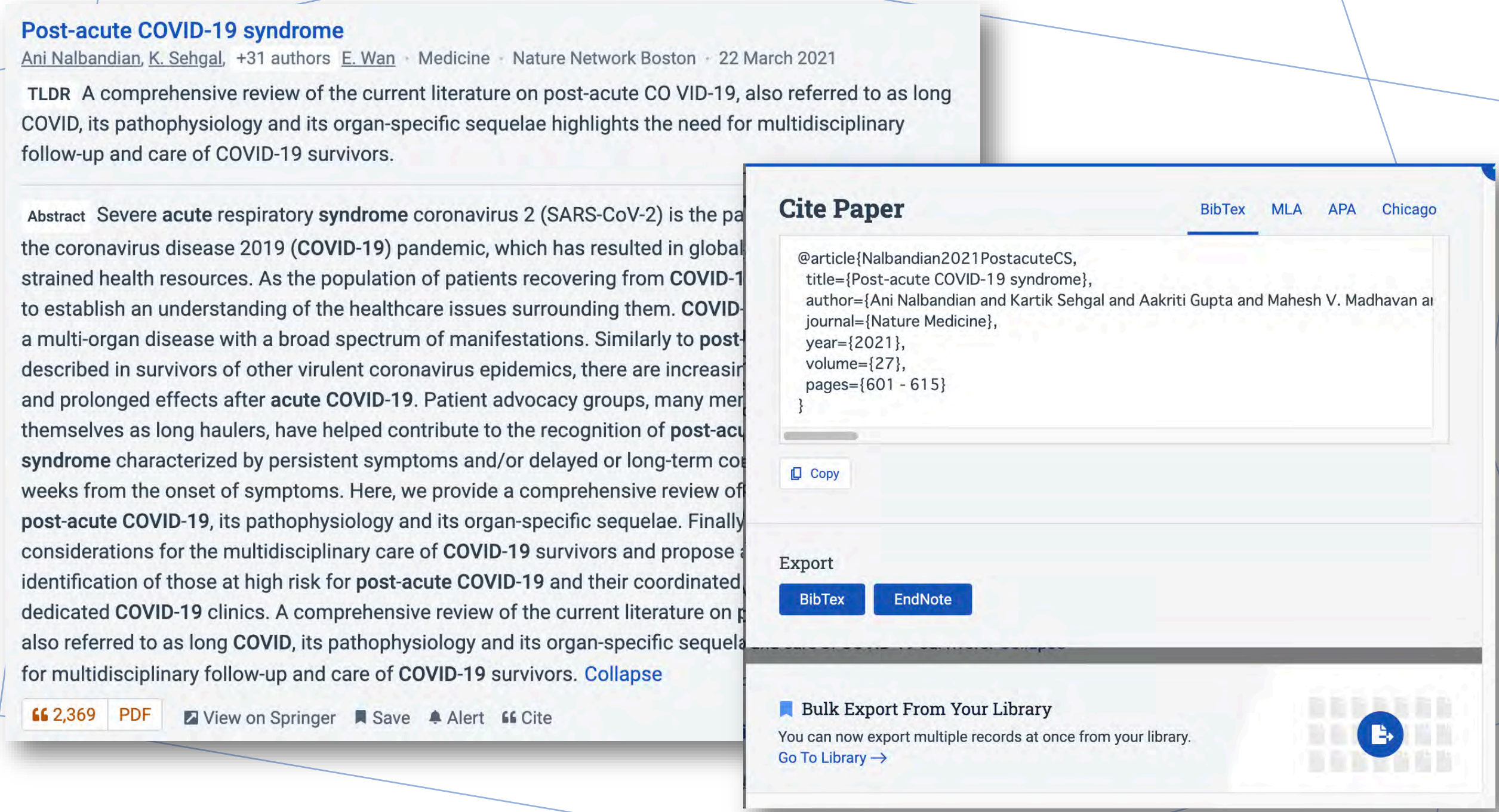

Post-acute COVID-19 syndrome

Ani Nalbandian, K. Sehgal, +31 authors E. Wan · Medicine · Nature Network Boston · 22 March 2021

TLDR A comprehensive review of the current literature on post-acute CO VID-19, also referred to as long COVID, its pathophysiology and its organ-specific sequelae highlights the need for multidisciplinary follow-up and care of COVID-19 survivors.

Abstract Severe **acute** respiratory **syndrome** coronavirus 2 (SARS-CoV-2) is the pa
the coronavirus disease 2019 (**COVID-19**) pandemic, which has resulted in global
strained health resources. As the population of patients recovering from **COVID-1**
to establish an understanding of the healthcare issues surrounding them. **COVID-**
a multi-organ disease with a broad spectrum of manifestations. Similarly to **post-**
described in survivors of other virulent coronavirus epidemics, there are increasir
and prolonged effects after **acute COVID-19**. Patient advocacy groups, many mer
themselves as long haulers, have helped contribute to the recognition of **post-acu**
syndrome characterized by persistent symptoms and/or delayed or long-term co
weeks from the onset of symptoms. Here, we provide a comprehensive review of
post-acute COVID-19, its pathophysiology and its organ-specific sequelae. Finally
considerations for the multidisciplinary care of **COVID-19** survivors and propose
identification of those at high risk for **post-acute COVID-19** and their coordinated
dedicated **COVID-19** clinics. A comprehensive review of the current literature on
also referred to as long **COVID**, its pathophysiology and its organ-specific sequela
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Post-acute COVID-19 syndrome and kidney diseases: what do we know?

Sidar Copur, M. Berkkan, C. Basile, K. Tuttle, M. Kanbay · Medicine, Biology · Journal of Nephrology · 2022

TLDR The present review aims to evaluate the growing literature on kidney involvement in the SARS-CoV-2 infection along with clinical features reported both in the acute phase of the infection and in the post-acute COVID-19 period by assessing potential pathophysiological frameworks explaining such conditions. Expand

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Long COVID or Post-acute Sequelae of COVID-19 (PASC): An Overview of Biological Factors That May Contribute to Persistent Symptoms

A. Proal, M. VanElzakker · Medicine, Biology · Frontiers in Microbiology · 2021

TLDR Mechanisms by which RNA viruses beyond just SARS-CoV-2 have be connected to long-term health consequences are detailed to suggest different therapeutic approaches may be required to best manage care for specific patients with the PASC diagnosis. Expand

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Mila Chen, Jinghan Li · Biology · Highlights in Science Engineering and Technology · 4 July 2023

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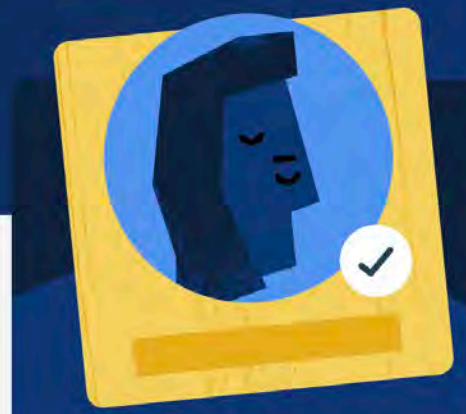

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