



PubMed 文摘数据库



张晓艳
2020.5.13.

CONTENTS

1. PubMed简介
2. PubMed的基本检索
3. PubMed的高级检索
4. PubMed检索结果处理
5. PubMed统计分析工具

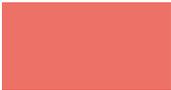




101

PubMed简介

1.1 什么是PubMed ?

 创建机构：由美国国立医学图书馆所属的国家生物技术信息中心（NCBI）1997年开发建立的网络文献数据库。

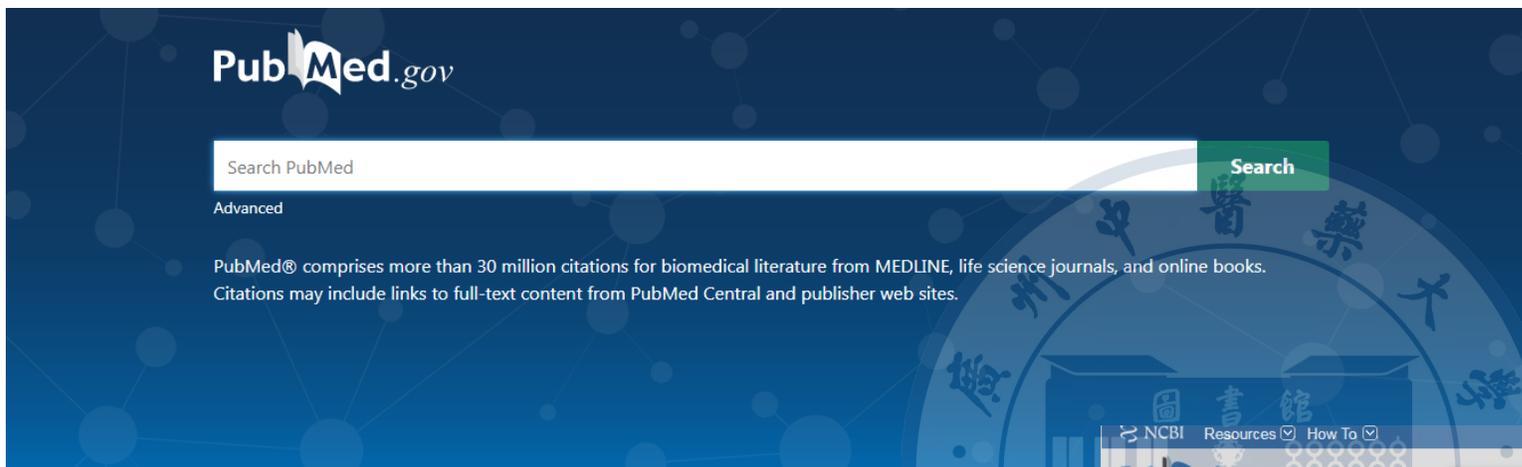
 特色：摘要型的数据库, 具有收录范围广（免费）、内容全、检索途径多、检索体系完备等特点, 部分文献还可在网上直接免费获得全文。

 数据类型：期刊论文、综述以及与其他数据资源链接。

 收录范围：**医学、药学、动物学、植物学、分子生物学等**

全球最大、最有影响力的生物医学文献数据库

1.1 什么是PubMed ?



新的PubMed数据库网址从
<https://www.ncbi.nlm.nih.gov/pubmed/>变成了

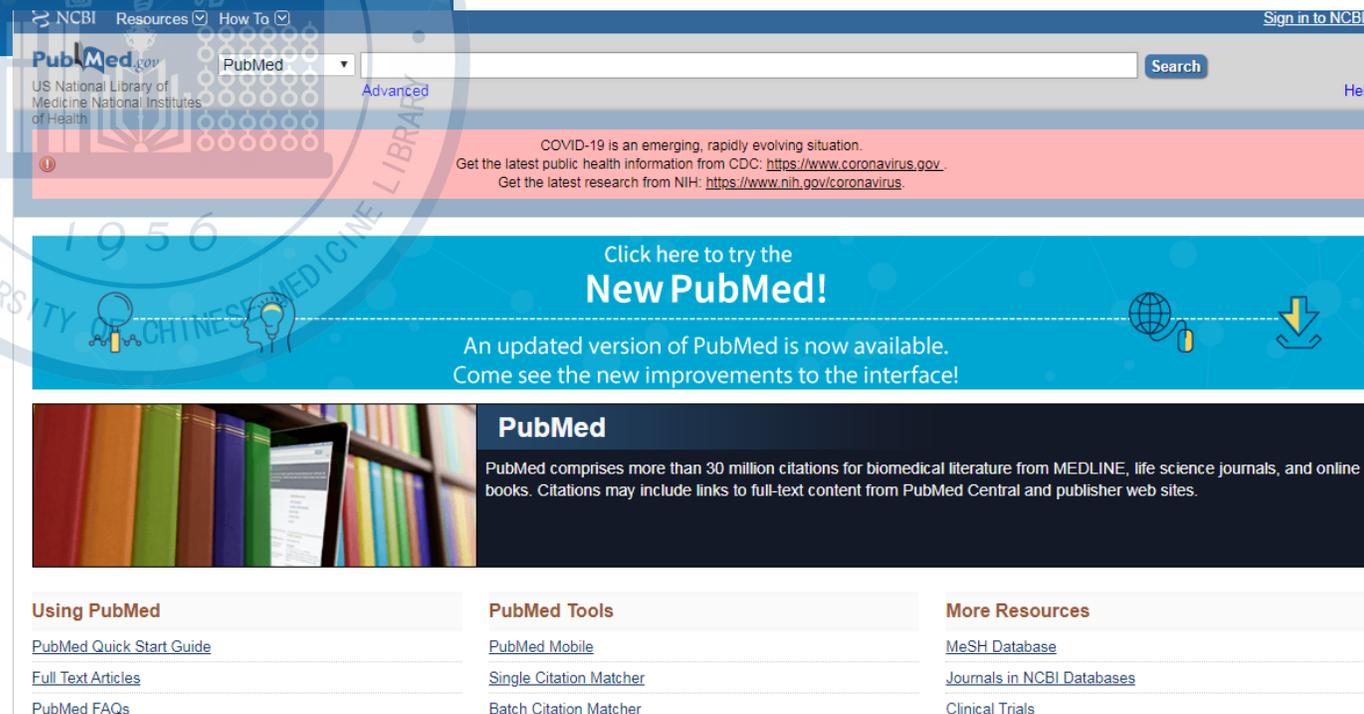
<https://pubmed.ncbi.nlm.nih.gov/>

旧版

- **Learn**
[About PubMed](#)
[FAQs & User Guide](#)
- **Find**
[Advanced Search](#)
[Clinical Queries](#)
- **Download**
[E-utilities API](#)
[FTP](#)

新版

新版PubMed具有移动端优先，响应式布局，可为越来越多的小屏幕设备（如手机和平板电脑）访问PubMed内容提供更好的支持。



1.2 PubMed的检索特点

170多个国家
28亿篇生物医学
期刊文献、图书章节

信息量大

访问免费

只要有网络 都可以使用

有别于其他数据库的**最大特点**

标引质量
高

更新速度
快

实时更新同样的检索条件
不同时间 可能得到不同的结果

1.3 PubMed的组成

MEDLINE数据

- ❖ **MEDLINE Indexed** : 1966年以来的MEDLINE已标引数据，有MeSH字段和摘要，标记：[PubMed-indexed for MEDLINE]
- ❖ **OLDMEDLINE** : 1948-1965年间发表的200万篇生物医学文献，未标引，无MeSH字段，标记：[PubMed-OLDMEDLINE]
- ❖ **MEDLINE Inprocess** : 每天收录，尚未标引的数据，只有简单的书目及文摘信息，无MeSH字段，标记：[PubMed-in process]

非MEDLINE数据

- ❖ **Publisher-Supplied**: 出版商提供的电子文献题录，标记：[PubMed-as supplied by publisher]

与NCBI其他数据库的链接

COVID-19 is an emerging, rapidly evolving situation.

Get the latest public health information from CDC: <https://www.coronavirus.gov>.

Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

 Welcome to the new PubMed. For legacy PubMed go to pubmed.gov.



National Library of Medicine
National Center for Biotechnology Information

Log in

PubMed.gov

Search PubMed

Search

Advanced

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

 Feedback



All Databases

Search

- Books
- ClinVar
- Conserved Domains
- dbGaP
- dbVar
- Gene
- Genome
- GEO DataSets
- GEO Profiles
- GTR
- HomoloGene
- Identical Protein Groups
- MedGen
- MeSH
- NCBI Web Site
- NLM Catalog
- Nucleotide
- OMIM
- PMC
- PopSet

COVID-19 is an emerging, rapidly evolving situation.
 Get the latest public health information from CDC: <https://www.coronavirus.gov>.
 Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

Welcome to NCBI

National Center for Biotechnology Information advances science and health by providing access to biological and genomic information.

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Submit data or manuscripts to NCBI databases



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Transfer NCBI data to your computer



Learn

Find help documents, attend a class or watch a tutorial



Develop

Access NCBI APIs and code samples to build applications



Analyze

Identify an NCBI tool for your data analysis task



Research

Explore NCBI research and collaborative projects



Popular Resources

- [PubMed](#)
- [Bookshelf](#)
- [PubMed Central](#)
- [BLAST](#)
- [Nucleotide](#)
- [Genome](#)
- [SNP](#)
- [Gene](#)
- [Protein](#)
- [PubChem](#)

NCBI News & Blog

Structure viewer iCn3D 2.15.0 with new rendering, annotation, and alignment features

05 May 2020

[iCn3D 2.15.0 is now available on NCBI](#)

A new version of IgBLAST (1.16.0) is here!

01 May 2020

We've released a new version (1.16.0) of IgBLAST - the popular NCBI package for

GenBank release 237 is available





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PubMed的基本检索

2. PubMed的基本检索

- 2.1 快速检索
- 2.2 布尔逻辑检索
- 2.3 短语精确检索
- 2.4 截词检索



2.1 快速检索

- ❖ 输入有实际意义的检索词，点击“Search”，系统按照自动词语匹配的原理进行检索
- ❖ Pubmed最具特色的检索功能之一（自动词语匹配）
 - ◆ 智能化的检索过程
 - ◆ 基本原理：对输入的检索词，首先在多个索引词表进行搜索、比对，并自动转换为相应的MeSH主题词、著者或刊名，再将检索词在all fields（所有字段）中检索，并执行“OR”逻辑运算。如有多个检索词或短语词组，则继续将其拆分为单词后分别在all fields中检索，单词之间的逻辑关系为“AND”
- ◆ **下面我们以 新型冠状病毒肺炎（Corona Virus Disease 2019，COVID-19）为例来进行检索演示**

COVID-19

Search

Advanced Create alert

User Guide

Save

Email

Send to

Sorted by: Best match



MYNCBI FILTERS



All (2,201)

F1000 (23)

RESULTS BY YEAR



2003

2020

2,201 results



The **COVID-19** epidemic.

1

Velavan TP, Meyer CG.

Trop Med Int Health. 2020 Mar;25(3):278-280. doi: 10.1111/tmi.1

PMID: 32052514

Free article.

No abstract available.

Cite Share



Of chloroquine and **COVID-19**.

2

Touret F, de Lamballerie X.

Antiviral Res. 2020 Mar 5;177:104762. doi: 10.1016/j.antiviral.2020.104762. Online ahead of print.

PMID: 32147496

Review.

DISPLAY OPTIONS

Format

Summary

Abstract

Sort by

Best match

Best match

Per page

10

10

date

20

50

100

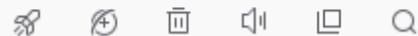
200

TEXT AVAILABILITY

Feedback



Back to Top



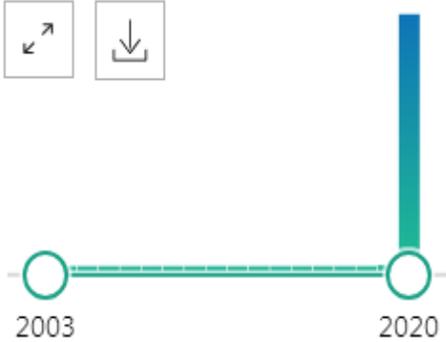
MYNCBI FILTERS 

2,201 results

All (2,201)

F1000 (23)

RESULTS BY YEAR



2003 2020

TEXT AVAILABILITY

Abstract

Free full text

Full text

ARTICLE ATTRIBUTE

Associated data

The **COVID-19** epidemic.

1 Velavan TP, Meyer CG.

Trop Med Int Health. 2020 Mar;25(3):278-285. doi: 10.1111/tmi.13383. Epub 2020 Feb 16.

PMID: 32052514 **Free article.** No abstract available.

免费全文

“ Cite Share

2

Velava
epider
2020;
PERMALINK

1056
UNIVERSITY OF CHINESE MEDICINE LIBRARY

https://pubmed.ncbi.

0.104762. Online ahead of print.

of chloroquine, a broadly used
el emerged **coronavirus (SARS-CoV-**

3 Sun P, Lu X, Xu C, Sun W, Pan B.

ence.

14

↑
Back to Top

 Feedback

- Abstract
- Free full text
- Full text

过滤器

Review.

Recent publications have brought attention to the possible benefit of chloroquine, a broadly used antimalarial drug, in the treatment of patients infected by the novel emerged coronavirus (SARS-CoV-2).

ARTICLE TYPE

SPECIES

LANGUAGE

SEX

SUBJECT

JOURNAL

AGE

- Address
- Autobiography
- Bibliography
- Biography
- Case Reports
- Classical Article
- Clinical Conference
- Clinical Study
- Clinical Trial Protocol
- Clinical Trial, Phase I
- Clinical Trial, Phase II
- Clinical Trial, Phase III
- Introductory Journal Article
- Journal Article
- Lecture
- Legal Case
- Legislation
- Letter
- Multicenter Study
- News
- Newspaper Article
- Observational Study
- Observational Study, Veterinary
- Overall

左侧红框可根据文章类型，发表时间等对检索结果进行进一步筛选，点击「show additional filters」还可根据额外的条件进行筛选，如年龄、性别等。

Additional filters

Cancel

Show

Review

Antiviral Res, 177, 104762 2020 Mar 5[Online ahead of print]

FULL TEXT LINKS

ELSEVIER
FULL-TEXT ARTICLE

全文链接

Of Chloroquine and COVID-19

Franck Touret¹, Xavier de Lamballerie²

Affiliations + expand

PMID: 32147496 DOI: 10.1016/j.antiviral.2020.104762

ACTIONS

Cite

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PAGE NAVIGATION

Title & authors

Abstract

Similar articles

Publication types

LinkOut - more resources

NEXT RESULT

3 of 2,205

Abstract

Recent publications have brought attention to the possible benefit of chloroquine, a broadly used antimalarial drug, in the treatment of patients infected by the novel emerged coronavirus (SARS-CoV-2). The scientific community should consider this information in light of previous experiments with chloroquine in the field of antiviral research.

Keywords: 2019-nCoV; Antiviral; COVID-19; Chloroquine; SARS-CoV-2.

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文章信息的板块导航（直接跳到感兴趣部分，节省时间）

Similar articles

New insights on the antiviral effects of chloroquine against coronavirus: what to expect for COVID-19?

Devaux CA, Rolain JM, Colson P, Raoult D.

Int J Antimicrob Agents. 2020 Mar 11:105938. doi: 10.1016/j.ijantimicag.2020.105938. Online

PAGE NAVIGATION

Title & authors

Abstract

PREV RESULT

1 of 2,205

16

Feedback

Similar articles

Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro.

Wang M, Cao R, Zhang L, Yang X, Liu J, Xu M, Shi Z, Hu Z, Zhong W, Xiao G.

Cell Res. 2020 Mar;30(3):269-271. doi: 10.1038/s41422-020-0282-0. Epub 2020 Feb 4.

PMID: 32020029 **Free PMC article.**

No abstract available.

Breakthrough: Chloroquine phosphate has shown apparent efficacy in treatment of COVID-19 associated pneumonia in clinical studies.

Gao J, Tian Z, Yang X.

Biosci Trends. 2020 Mar 16;14(1):72-73. doi:

10.5582/bst.2020.01047. Epub 2020 Feb 19.

PMID: 32074550

Coronavirus Susceptibility to the Antiviral Remdesivir (GS-5734) Is Mediated by the Viral Polymerase and the Proofreading Exoribonuclease.

PAGE

NAVIGATION

Title & authors

Abstract

Similar articles

MeSH terms

Substances

Supplementary concepts

LinkOut

more

MeSH terms

- Alanine / analogs & derivatives
- Alanine / pharmacology
- Amides / pharmacology
- Antiviral Agents / chemistry
- Antiviral Agents / pharmacology ★

主题词

Substances

- Amides
- Antiviral Agents
- Indoles
- Pyrazines
- Ribonucleotides

物质结构

Supplementary concepts

- severe acute respiratory syndrome coronavirus 2

全文链接

LinkOut - more resources

Full Text Sources

J-STAGE, Japan Science and Technology Information Aggregator, Electronic

Medical

ClinicalTrials.gov

MedlinePlus Health Information

2.2 布尔逻辑检索

- 布尔逻辑检索：AND OR NOT
- 直接输入几个检索词，系统默认词之间是**AND**的逻辑组配关系
- 逻辑运算符号的顺序为**从左至右**，可以用全括号来改变其运算顺序。

以**Corona Virus Disease 2019**，**COVID-19** 两个关键词来进行布尔逻辑检索

Corona Virus Disease 2019 OR COVID-19

Corona Virus Disease 2019 OR COVID-19

Search

Advanced Create alert

User Guide

Save

Email

Send to

Sorted by: Best match



MYNCBI FILTERS



All (2,231)

F1000 (24)

RESULTS BY YEAR



TEXT AVAILABILITY

2,231 results



检索结果由2201扩展到了2231

7 articles found by citation matching

[Epidemic trend of corona virus disease 2019 (COVID-19) in mainland China].

Zhu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32125133 Chinese.

[Screening and management of asymptomatic infection of corona virus disease 2019 (COVID-19)].

Hu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32145719 Chinese.

CD-sACE2 Inclusion Compounds: An Effective Treatment for Corona Virus Disease 2019 (COVID-19).

Sun B, et al. J Med Virol. 2020. PMID: 32222076

Feedback

2.3 短语精确检索

- ❖ 对检索词加上双引号（需在英文状态下输入）进行强制检索
- ❖ 短语精确检索时，Pubmed关闭自动词语匹配功能，直接将该短语作为一个检索词进行检索，避免了自动词语匹配时将短语拆分可能造成的误检，可提高查准率，**新PubMed系统增强了词汇联想功能，在查准率要求不高时尽量不用” ”**

例如：检索框中输入

Corona Virus Disease 2019 OR COVID-19

如果使用双引号会怎么样呢？

“Corona Virus Disease 2019” OR COVID-19

"Corona Virus Disease 2019" OR COVID-19

Search

Advanced Create alert

User Guide

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Email

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Sorted by: Best match



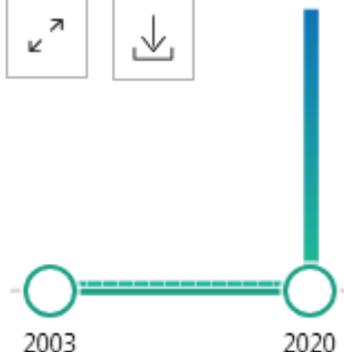
MYNCBI FILTERS



All (2,212)

F1000 (23)

RESULTS BY YEAR



TEXT AVAILABILITY

Abstract

2,212 results

7 articles found by citation matching

[Epidemic trend of corona virus disease 2019 (COVID-19) in mainland China].

Zhu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32125133 Chinese.

[Screening and management of asymptomatic infection of corona virus disease 2019 (COVID-19)].

Hu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32145719 Chinese.

CD-sACE2 Inclusion Compounds: An Effective Treatment for Corona Virus Disease 2019 (COVID-19).

Sun P, et al. J Med Virol. 2020. PMID: 32232976

检索结果由2231变为
2212



Back to Top

Feedback

设置过滤器

"Corona Virus Disease 2019" OR COVID-19

[Advanced](#) [Create alert](#) [User Guide](#)

Sorted by: Best match

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial
- Review
- Systematic Reviews

MYNCBI FILTERS

All (135)
F1000 (2)

RESULTS BY YEAR

TEXT AVAILABILITY

Abstract

135 results

7 articles found by citation matching

[Epidemic trend of corona virus disease 2019 (COVID-19) in mainland China].
Zhu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32125133 Chinese.

[Screening and management of asymptomatic infection of corona virus disease 2019 (COVID-19)].
Hu ZB, et al. Zhonghua Yu Fang Yi Xue Za Zhi. 2020. PMID: 32145719 Chinese.

CD-sACE2 Inclusion Compounds: An Effective Treatment for Corona Virus Disease 2019 (COVID-19).
Sun P, et al. J Med Virol. 2020. PMID: 32232976

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新冠肺炎方面的学术论文

2.4 截词检索

- ▶ 在检索词后加 “*” 可实现截词检索，以提高查全率，对词根或词尾略有变化的词进行检索时需要应用截词检索。
- ▶ 截词检索时，Pubmed关闭自动词语匹配功能，PubMed允许使用 “*” 进行右边截词检索，如：“viru*”，检索以viru开头的单词，immun*，可以检出immune、immunologic等词，这些词在[All Fields]中检索。
- ▶ 如果单词数量大于600，则PubMed自动提示延长词干。
- ▶ 截词功能只限于单词，对词组无效。
- ▶ **尽量不用截词检索，除非检索结果文章很少。**

截词检索时，系统将**关闭自动匹配功能**。不启用主题词表，属于在[all fields]中的，**多词形的，字面检索**。



/03

PubMed的高级检索

3.1 高级检索

- advanced实现

通过“高级检索”选择下拉框选择字段、数据库进行检索

NIH U.S. National Library of Medicine
National Center for Biotechnology Information

Log in

PubMed Advanced Search Builder

PubMed.gov

User Guide

Add terms to the query box

All Fields Enter a search term

Affiliation
All Fields
Author
Author - Corporate
Author - First
Author - Identifier
Author - Last
Book
Conflict of Interest Statements
Date - Completion
Date - Create
Date - Entry
Date - MeSH
Date - Modification
Date - Publication
EC/RN Number

ADD

Show Index

Search

Download Delete

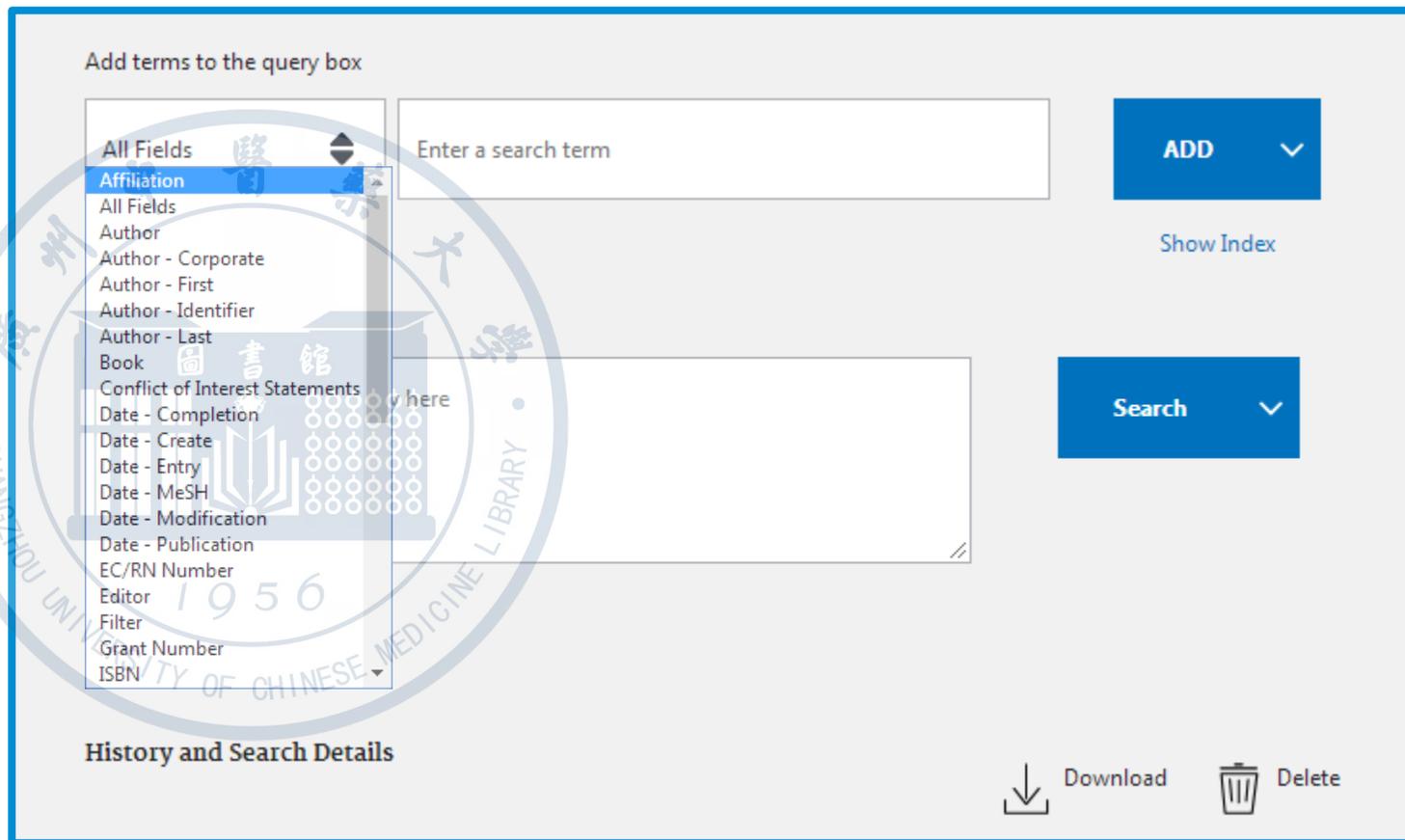
Results Time

Feedback

3.1 高级检索

- 搜索特定领域
- 展示索引
- 创建复合检索
- 强有力的进阶工具

一次只能输入一个检索词，然后选择相应的逻辑关系进行添加，点击添加后检索词会自动跳入到下方的Query box，点击Search



常用字段

- PubMed中供显示和限定检索用的字段共有60多个

字段标识	字段名称	说明
AB	Abstract	摘要
AD	Affiliation	著者的单位和地址（包括E-mail地址）
AU	Author Name	著者
SO	Source	文献出处
TA	Journal Title Abbreviation	刊名缩写
TI	Title	篇名
MAJR	MeSH Major Topic	主要MeSH词，即有*的主题词
MH	MeSH Terms	MeSH词（主题词）
SH	MeSH Subheadings	MeSH副主题词
TIAB	Title/Abstract	不用于显示。用于对篇名和摘要字段进行检索
TW	Text Words	不用于显示。用于以下字段的检索：TI、AB、MH、SH、NM、等字段

(1) 限定字段检索



案例：请检索发表在杂志《nature》中被pubmed收录的有关恶性肿瘤的文献，要求恶性肿瘤出现在文章题目当中。

- ✓ 限定在两个字段：期刊名称[TA]
 题 名[TI]
- ✓ 检索表达式格式：检索词[字段标识] **逻辑运算符** 检索词[字段标识]
- ✓ 检索表达式：nature[TA] AND cancer[TI]

nature[TI] AND cancer[TI]

Search

Advanced Create alert

User Guide

Save

Email

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Sorted by: Best match

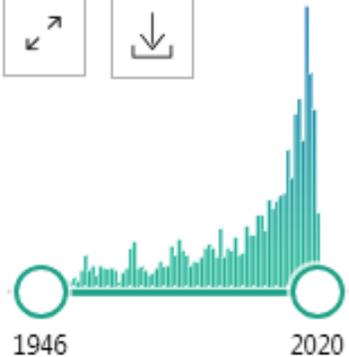


MYNCBI FILTERS

All (1,435)

F1000 (213)

RESULTS BY YEAR



TEXT AVAILABILITY

1,435 results



Elements of **cancer** immunity and the **cancer-immune** set point.

1

Chen DS, Mellman I.

Nature. 2017 Jan 18;541(7637):321-330. doi: 10.1038/nature21349.

PMID: 28102259

Review.



Cite



Share



Glypican-1 identifies **cancer** exosomes and detects early pancreatic **cancer**.

2

Melo SA, Luecke LB, Kahlert C, Fernandez AF, Gammon ST, Kaye J, LeBleu VS, Mittendorf EA, Weitz J, Rahbari N, Reissfelder C, Pilarsky C, Fraga MF, Piwnica-

快速检索 字段限定检索 nature[TI] AND cancer[TI]

高级检索方法：nature杂志中 标题中有cancer的文献

Issue
Journal
Language
Location ID
MeSH Major Topic
MeSH Subheading
MeSH Terms
Other Term
Pagination
Pharmacological Action
Publication Type
Publisher
Secondary Source ID
Subject - Personal Name
Supplementary Concept
Text Word
Title
Title/Abstract
Transliterated Title
Volume

Library of Medicine
Biotechnology Information

tsgzy

Add terms to the query box

Journal Nature

AND

Show Index

All Fields

Enter a search term

cancer

Add terms to the query box

Journal

Enter a search term

AND

Show Index

Query box

(cancer[Title]) AND ("Nature"[Journal])

Search

(cancer[Title]) AND ("Nature"[Journal])

Search

Advanced Create alert

User Guide

Save

Email

Send to

Sorted by: Best match



MYNCBI FILTERS

All (1,435)

F1000 (213)

RESULTS BY YEAR



1,435 results



Elements of **cancer** immunity and the **cancer**-immune set point.

1

Chen DS, Mellman I.

Nature. 2017 Jan 18;541(7637):321-330. doi: 10.1038/nature21349.

PMID: 28102259

Review.



Cite



Share



Glypican-1 identifies **cancer** exosomes and detects early pancreatic

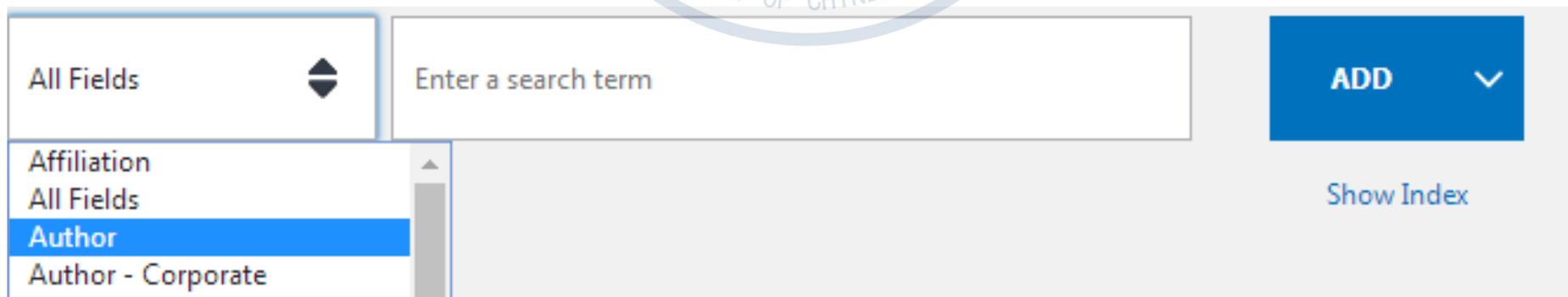
与快速检索字段限定检索nature[TA] AND cancer[TI]结果相同



Feedback

(2) 作者检索

- ❖ 一. 在检索框中输入著者姓名，Pubmed自动执行著者检索
 - ◆ 一般姓在前名在后，姓用全称，名用首字母
例如，输入Smith SR可检索出姓为Smith，名的首字母为SR的所有著者的文献
- ❖ 二. 通过字段限定检索及组合检索也可实现更精确的著者检索
例如，输入Smith SR[1AU]可检索出第一著者为Smith SR的文献
- ❖ 三. 通过“Advanced”中的“Author”限定，可以检索该作者的文献



The screenshot shows a search interface with a dropdown menu open. The dropdown menu lists the following options: Affiliation, All Fields, Author (highlighted in blue), and Author - Corporate. The search box contains the text "Enter a search term". To the right of the search box is a blue button labeled "ADD" with a downward arrow. Below the "ADD" button is a link labeled "Show Index".

(3) 期刊检索

四种方法：

- ◆一.利用PubMed自动词语匹配功能，其输入规则是：期刊全名、MEDLINE期刊缩写名、ISSN号（例如1671-3982）三种形式中的任何一种形式均可。
- ◆二是利用期刊字段限定检索，其输入规则是：在刊名之后加上刊名字段符。

例如：Cancer RES[TA]。



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Download

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[FTP](#)
[Batch Citation Matcher](#)



Explore

[MeSH Database](#)
[Journals](#)

NLM Catalog More Resources

NLM Catalog Limit your NLM Browse MEDLINE by broad subject Journal lists by LinkOut journal

Enter topic, journal title or abbreviation

Journals currently indexed in MEDLINE Journals currently deposited in PubMed

You are here: NCBI > Literature > NLM Catalog

- GETTING STARTED
NCBI Education
NCBI Help Manual
NCBI Handbook
Training & Tutorials
Submit Data

Biology - includes Evolution and Marine Biology
see also Botany; Microbiology; Zoology
Biomedical Engineering - includes Biocompatible Materials, Biomechanics, and Prostheses
see also Technology
Biophysics - includes Acoustics and Rheology
see also Physics
Biotechnology
see also Nanotechnology; Technology
Botany
Brain
see also Neurology; Psychophysiology
C
Cancer see Neoplasms
Cardiology
see also Vascular Diseases
Cell Biology
Chemistry
see also Biochemistry; Histochemistry; Pharmacy
Chemistry Techniques, Analytical
Chemistry, Clinical
Chiropractic
Clinical Laboratory Techniques
see also Histochemistry
Communicable Diseases
see also Acquired Immunodeficiency Syndrome; Allergy and Immunology; Epidemiology; Sexually Transmitted Diseases; Tropical Medicine
Complementary Therapies - includes Acupuncture; Medicine, Traditional; Phytotherapy, and Spiritual Therapy
Computational Biology - includes Bioinformatics and Systems Biology
see also Medical Informatics
Critical Care - includes Intensive Care
D
Dentistry - includes Pedodontics, Periodontics, Stomatology, Tooth Diseases, and Mouth Diseases



辅助疗法-包括针灸；医学、传统疗法；植物疗法和精神疗法

3.2 主题检索 (MESH检索)

重点、难点

什么是主题词？

- 经过人工**规范化处理**的最能表达文章主题概念的词
- PubMed记录中的医学主题词(MeSH, Medical Subject Headings)是由标引员为PubMed中的Medline文献所人工指定的词，主题词对同一概念的不同表达方式进行了规范。PubMed能自动地为输入的检索词寻找相应的MeSH词

文献存储时

同义词、近义词、多义词

同一主题概念的文献相对集中
集中在一个主题词下

3.2 主题检索

只用在文献检索
或病例规范化处理当中

主题词

关键词

自由词

用在工作、写文章、日常交流当中

主题词	关键词
流感, 禽	禽流感、鸟流感、家禽瘟疫、鸡瘟
Neoplasms	Neoplasm、Tumor、Tumors、Cancer...
Aspirin	Aspirin、Acetylsalicylic Acid、Micristin、Solprin.....

3.2 主题检索

- 如何查找主题词？

The image shows a screenshot of the PubMed website. At the top, there is a search bar with the text "Search PubMed" and a green "Search" button. Below the search bar, the word "Advanced" is displayed. A paragraph of text reads: "PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites." In the center of the page, there is a large yellow text overlay that says "如何进入MeSH Database?". At the bottom of the page, there are four main navigation categories: "Learn", "Find", "Download", and "Explore". Each category has several sub-links. The "Explore" category is highlighted with a red box, and its sub-link "MeSH Database" is also highlighted with a red box. The "Journals" sub-link under "Explore" is also visible. A watermark of the University of Chinese Medicine Library logo is overlaid on the page.

Search PubMed **Search**

Advanced

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

如何进入MeSH Database ?

UNIVERSITY OF CHINESE MEDICINE LIBRARY
1956

Learn	Find	Download	Explore
About PubMed	Advanced Search	E-utilities API	MeSH Database
FAQs & User Guide	Clinical Queries	FTP	Journals

(1) MeSH主题词检索

MeSH [Create alert](#) [Limits](#) [Advanced](#) [Help](#)

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

Summary ▾ 20 per page ▾ Send to: ▾

Search results

Items: 1 to 20 of 395

Page 1 of 20 Next > Last >>

- [Neoplasms](#)
1. New abnormal growth of tissue. Malignant **neoplasms** show a greater degree of anaplasia and have the properties of invasion and metastasis, compared to benign **neoplasms**.
Year introduced: /diagnosis was NEOPLASM DIAGNOSIS 1964-1965
- [Hereditary Breast and Ovarian Cancer Syndrome](#)
2. Autosomal dominant HEREDITARY **CANCER** SYNDROME in which a mutation most often in either BRCA1 or BRCA2 is associated with a significantly increased risk for breast and ovarian cancers.
Year introduced: 2012
- [Early Detection of Cancer](#)
3. Methods to identify and characterize **cancer** in the early stages of disease and predict tumor behavior.
Year introduced: 2009
- [National Cancer Institute \(U.S.\)](#)
4. Component of the NATIONAL INSTITUTES OF HEALTH. Through basic and clinical biomedical research and training, it conducts and

PubMed Search Builder

▾

[YouTube Tutorial](#)

Find related data

Database: ▾

Search details

```
"neoplasms" [MeSH Terms] OR cancer [Text Word]
```

(1) MeSH主题词检索

- 除了查找主题词，PubMed主题词还能帮

Neoplasms 主题词

New abnormal growth of tissue. Malignant **neoplasms** show a greater degree of anaplasia compared to benign **neoplasms**.
Year introduced: /diagnosis was NEOPLASM DIAGNOSIS 1964-1965

PubMed search builder options
[Subheadings:](#)

<input type="checkbox"/> abnormalities	<input type="checkbox"/> education
<input type="checkbox"/> administration and dosage	<input type="checkbox"/> embryology
<input type="checkbox"/> analysis	<input type="checkbox"/> enzymology
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> epidemiology
<input type="checkbox"/> antagonists and inhibitors	<input type="checkbox"/> ethnology
<input type="checkbox"/> biosynthesis	<input type="checkbox"/> etiology
<input type="checkbox"/> blood	<input type="checkbox"/> genetics
<input type="checkbox"/> blood supply	<input type="checkbox"/> growth and development
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> history
<input type="checkbox"/> chemical synthesis	<input type="checkbox"/> immunology
<input type="checkbox"/> chemically induced	<input type="checkbox"/> injuries
<input type="checkbox"/> chemistry	<input type="checkbox"/> innervation
<input type="checkbox"/> classification	<input type="checkbox"/> isolation and purification
<input type="checkbox"/> complications	<input type="checkbox"/> legislation and jurisprudence
<input type="checkbox"/> congenital	<input type="checkbox"/> metabolism
<input type="checkbox"/> cytology	<input type="checkbox"/> microbiology
<input type="checkbox"/> diagnosis	<input type="checkbox"/> mortality
<input type="checkbox"/> diagnostic imaging	<input type="checkbox"/> nursing
<input type="checkbox"/> diet therapy	
<input type="checkbox"/> drug effects	
<input type="checkbox"/> drug therapy	
<input type="checkbox"/> economics	

Restrict to MeSH Major Topic.

主要主题词
(加权)

See Also:

- [Antibodies, Neoplasm](#)
- [Antigens, Neoplasm](#)
- [Antineoplastic Agents](#)
- [Carcinogens](#)
- [DNA, Neoplasm](#)
- [Oncogenic Viruses](#)
- [Precancerous Conditions](#)
- [RNA, Neoplasm](#)
- [Pleural Effusion, Malignant](#)
- [Genes, Tumor Suppressor](#)
- [Anticarcinogenic Agents](#)

[All MeSH Categories](#)
[Diseases Category](#)
Neoplasms
[Cysts](#)

- [Arachnoid Cysts](#)
- [Bone Cysts](#)
- [Branchioma](#)
- [Breast Cyst](#)
- [Bronchogenic Cyst](#)
- [Chalazion](#)
- [Choledochal Cyst](#)
- [Colloid Cysts](#)
- [Dermoid Cyst](#)
- [Epidermal Cyst](#)
- [Esophageal Cyst](#)
- [Follicular Cyst](#)
- [Ganglion Cysts](#)
- [Lymphocele](#)
- [Mediastinal Cyst](#)
- [Mesenteric Cyst](#)

树形结构

Search Builder

search builder AND

PubMed

YouTube Tutorial

MeSH Browser

Links

Activity

Turn Off Clear

Neoplasms

Neoplasm (395)

COVID-19 [Supplementary Concept]

COVID-19 (8)

MeSH

(1) MeSH主题词检索

- ◆ 一篇文章可有多个MeSH词
- ◆ 主题词的树状结构表：系统默认对含有下位概念的主题词进行扩展检索
- ◆ 注意：MeSH主题词检索，只检索来源于MEDLINE的文献，不检索PubMed其他来源的文献(supplied by publisher)，且未经MeSH主题词标引的文献检索不到(inprocess、OLDMEDLINE)

(2) SubHeadings 副主题词

➤ 副主题词 (subheadings) 是用于对主题词做进一步限定的词语。如某一疾病的诊断、治疗，某种药物的毒性、副作用等。

The diagram shows a list of MeSH terms with checkboxes. A large blue circle on the left is labeled "医学主题词表 MeSH". A blue oval callout points to the list with the text "83个副主题词". A dark blue oval callout points to the list with the text "每个主题词组配不同的副主题词".

医学主题词表
MeSH

83个副主题词

每个主题词组配不同的副主题词

- analysis
- anatomy and histology
- blood
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathology
- physiology
- radiotherapy
- rehabilitation
- statistics and numerical data
- virology

3.2 主题检索

- 主题词组配副主题检索
- 案例：肺癌的手术治疗
- 步骤：



1) 选择主题词

NCBI Resources How To tsgzxy My NCBI Sign Out

MeSH MeSH **lung cancer** Search

Create alert Limits Advanced Help

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

See 10 citations found by citation matching your search:
[Post-inhaled corticosteroid pulmonary tuberculosis and pneumonia increases lung cancer in patients with COPD](#). Wu MF et al. BMC Cancer. (2016)
[Milk consumption in relation to incidence of nasopharyngeal carcinoma in 48 countries/regions](#). Mai ZM et al. BMC Cancer. (2015)
[The effects of pulmonary diseases on histologic types of lung cancer in both sexes: a population-based study in Taiwan](#). Huang JY et al. BMC Cancer. (2015)

Summary 20 per page Send to:

Search results
Items: 13

Lung Neoplasms
1. Tumors or cancer of the LUNG.

[DLEC1 protein, human \[Supplementary Concept\]](#)
2. RefSeq NM_007337
Date introduced: June 1, 1999

[Small Cell Lung Carcinoma](#)
3. ...

PubMed Search Builder

Add to search builder AND Search PubMed

[YouTube Tutorial](#)

Find related data
Database: Select Find items

Search details
"lung neoplasms" [MeSH Terms] OR lung cancer [Text Word]

2) 构建检索式

Lung Neoplasms

Tumors or cancer of the LUNG.

PubMed search builder options

Subheadings:

- | | | |
|--|---------------------------------------|--|
| <input type="checkbox"/> analysis | <input type="checkbox"/> embryology | <input type="checkbox"/> physiology |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> enzymology | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> blood | <input type="checkbox"/> epidemiology | <input type="checkbox"/> prevention and control |
| <input type="checkbox"/> blood supply | <input type="checkbox"/> ethnology | <input type="checkbox"/> psychology |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> etiology | <input type="checkbox"/> radiation effects |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> genetics | <input type="checkbox"/> radiotherapy |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> history | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> classification | <input type="checkbox"/> immunology | <input type="checkbox"/> secondary |
| <input type="checkbox"/> complications | <input type="checkbox"/> metabolism | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> congenital | <input type="checkbox"/> microbiology | <input checked="" type="checkbox"/> surgery |
| <input type="checkbox"/> cytology | | <input type="checkbox"/> therapy |
| <input type="checkbox"/> diagnosis | | <input type="checkbox"/> transmission |
| <input type="checkbox"/> diagnostic imaging | | <input type="checkbox"/> ultrastructure |
| <input type="checkbox"/> diet therapy | | <input type="checkbox"/> urine |
| <input type="checkbox"/> drug effects | | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> drug therapy | | <input type="checkbox"/> virology |
| <input type="checkbox"/> economics | <input type="checkbox"/> pharmacology | |

要不要把主题词限定在主要主题词里，使我们检出的文献主要内容是关于肺癌治疗的。

Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hierarchy.

不在下级主题树中检索

Tree Number(s): C04.588.894.797.520, C08.381.540, C08.785.520

MeSH Unique ID: D008175

Entry Terms:

• Pulmonary Neoplasms

• Neoplasms, Lung

- Lung Neoplasm

肺癌的手术治疗

Add to search builder AND ▾

Search PubMed

[YouTube Tutorial](#)

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

dbGaP Links

MedGen

Recent Activity

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Lung Neoplasms

MeSH

lung cancer (13)

MeSH

Neoplasms

MeSH

cancer (395)

MeSH

2) 构建检索式

Full ▾

Lung Neoplasms

Tumors or cancer of the LUNG.

PubMed search builder options

Subheadings:

- analysis
- anatomy and histology
- blood
- blood supply
- cerebrospinal fluid
- chemically induced
- chemistry
- classification
- complications
- congenital
- cytology
- diagnosis
- diagnostic imaging
- diet therapy
- drug effects
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathogenicity
- pathology
- pharmacology
- physiology
- physiopathology
- prevention and control
- psychology
- radiation effects
- radiotherapy
- rehabilitation
- secondary
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrastructure
- urine
- veterinary
- virology

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

Tree Number(s): C04.588.894.797.520, C08.381.540, C08.785.520

MeSH ID: D000475

Send to: ▾

PubMed Search Builder

"Lung Neoplasms/surgery" [Majr:NoExp]

Add to search builder AND ▾

Search PubMed

[YouTube Tutorial](#)

Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

[dbGaP Links](#)

[MedGen](#)

Recent Activity

[Turn Off](#) [Clear](#)

[Lung Neoplasms](#)

MeSH

[lung cancer \(13\)](#)

45

MeSH

添加至
检索框

3) 结果处理

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed | "Lung Neoplasms/surgery"[Majr:NoExp] | Search

Create RSS Create alert Advanced Help

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

Click here to try the **New PubMed!**
An updated version of PubMed is now available. Come see the new improvements to the interface!

Article types
Clinical Trial
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Format: Summary ▾ Sort by: Best Match ▾ Per page: 20 ▾ Send to ▾ Filter your results:

Search results
Items: 1 to 20 of 14598

All (14598)
F1000 (0)

Manage Filters

Sort by:
Best match Most recent

Results by year

限定结果

[Oligometastases.](#)
1. Widder J, Lodeweges J.
J Clin Oncol. 2018 Apr;13(4):e60. doi: 10.1016/j.jtho.2017.12.012. No abstract available.
9576296 Free Article
[articles](#)

[\[Surgery in patients with lung cancer\].](#)
2. Christensen M, Hansen HJ, Ravn J.
Ugeskr Laeger. 2018 Nov 12;180(46). pii: V03180171. Review. Danish.
PMID: 30417811

3) 结果处理

The image shows a search results interface with a filter overlay. The main search results list includes:

- 1. [resection of the lung](#). Akopov AL, Karlson A. *Vestn Khir Im L Grek*. 2014;173(1):76-80. - indexed for
- ... tinez J, Bo... 2014 Aug;1... - indexed fo
- ... [surgery: sa](#)
- ... hen JS... 2014 Aug;1... - indexed fo
- ... erapy and

The filter overlay, titled "Additional filters", contains the following options:

- Article types
- Text availability
- PubMed Commons
- Publication dates
- Species
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

Annotations in Chinese:

- A red circle highlights the "Show additional filters" link, with a callout box containing the text "展示其他过滤条件".
- A blue arrow points from the "Languages" filter to a blue box containing a list of filter categories: "文献类型", "文字可用性", "评论", "出版时间", "物种", "语言", "性别", "话题", "期刊种类", "年龄", "检索领域".

3) 结果处理

The screenshot shows the PubMed search results page for the query "Lung Neoplasms/surgery"[Majr:NoExp]. The search results are filtered to show only "Systematic Reviews" for "Aged: 65+ years" males. The results list includes a study by Jørgensen et al. (2017) with a review in Danish.

Search Query: "Lung Neoplasms/surgery"[Majr:NoExp]

Filters Applied:

- Species: Humans
- Sex: Male
- Subjects: Systematic Reviews
- Ages: Aged: 65+ years

Results:

1. Jørgensen J, et al. Lung cancer: a review. *J Thorac Dis*. 2017;9(12):1012-1017. doi: 10.1016/j.jtho.2017.12.012. No abstract available.
2. [Cancer]. J. pii: V03180171. Review. Danish.

Page Information: Page 1 of 730

Sort by: Best match, Most recent

Results by year: [Bar chart showing results distribution over time]

65岁以上男性肺癌手术治疗的回顾性研究

3) 结果处理

Article types

Clinical Trial
Review
Systematic Reviews
Customize ...

Publication dates

5 years
10 years
Custom range...

Species

Humans
 Other Animals

Languages

English
Customize ...

Sex

Female
 Male

Subjects

AIDS
 Cancer
 Systematic Reviews
Customize ...

Ages

Child: birth-18 years
 Infant: birth-23 months
 Adult: 19+ years
 Adult: 19-44 years
 Aged: 65+ years
Customize ...

Format: Summary ▾ Sort by: Best Match ▾ Per page: 20 ▾

Send to ▾

Filter your results:

All (7)

F1000 (0)

[Manage Filters](#)

Search results

Items: 7

 Filters activated: Humans, Male, Systematic Reviews, Aged: 65+ years. [Clear all](#) to show 14598 items.

- [Preoperative exercise therapy in lung surgery patients: A systematic review](#)
1. Pouwels S, Fiddelaers J, Teijink JA, Woorst JF, Siebenga J, Smeenk FW. *Respir Med.* 2015 Dec;109(12):1495-504. doi: 10.1016/j.rmed.2015.08.009. Epub 2015 Aug 15. Review. PMID: 26303337 [Free Article](#)
[Similar articles](#)
- [Systematic review of prognostic roles of body mass index for patients undergoing lung cancer surgery: does the 'obesity paradox' really exist?](#)
2. Li S, Wang Z, Huang J, Fan J, Du H, Liu L, Che G. *Eur J Cardiothorac Surg.* 2017 May 1;51(5):817-828. doi: 10.1093/ejcts/ezw386. Review. PMID: 28040677
[Similar articles](#)
- [Association of chronic obstructive pulmonary disease and postresection lung cancer survival: a systematic review and meta-analysis](#)
3. Tan LE, A M R, Lim CS. *J Investig Med.* 2017 Feb;65(2):342-352. doi: 10.1136/jim-2016-000059. Epub 2016 Oct 21. Review. PMID: 27770016
[Similar articles](#)
- [Long-term survival after lung resection for non-small cell lung cancer with circulatory bypass: a systematic review](#)
4. Muralidaran A, Detterbeck FC, Boffa DJ, Wang Z, Kim AW. *J Thorac Cardiovasc Surg.* 2011 Nov;142(5):1137-42. doi: 10.1016/j.jtcvs.2011.07.042. Epub 2011 Aug 23. Review.

Sort by:

Best match

Most recent

Titles with your search terms

Clinical study of simultaneous lung volume reduction surgery durir [Chin Med J (Engl). 2009]

[Actual indications for day-surgery in the treatment of lung neoplasm [Ann Ital Chir. 2009]

[Clinical practice of 99mTc-peplimycin imaging and radio guided surgery for lun [Ai Zheng. 2003]

[See more...](#)

Find related data

Database:

Best match search information

mair: lung neoplasms/surgery

3.2 主题检索

主题词检索小细节：提高查准率

- **Restrict to MESH Major Topic**：即将检出结果限定在主要主题词（major topic heading），即以其为核心内容，则可进一步缩窄范围，提高查准率。
- **Do not include MeSH terms found below this term in the MeSH hierarchy**：不检索下位词，限于本级概念

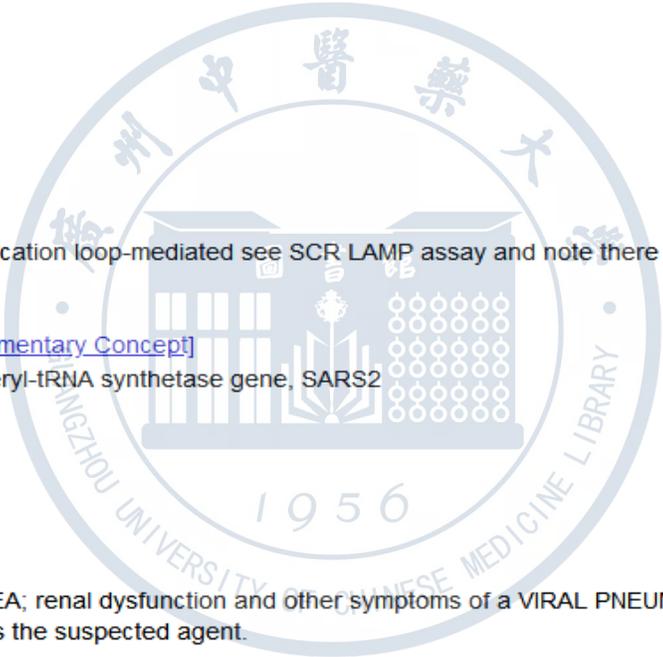
主题词检索注意问题

检索案例：新冠肺炎COVID-19

Search results

Items: 8

- [COVID-19 vaccine \[Supplementary Concept\]](#)
 1. Date introduced: March 26, 2020
- [COVID-19 diagnostic testing \[Supplementary Concept\]](#)
 2. consider adding: **COVID-19**; **SARS-CoV-2**; for isothermal amplification loop-mediated see SCR LAMP assay and note there
Date introduced: March 26, 2020
- [severe acute respiratory syndrome coronavirus 2 \[Supplementary Concept\]](#)
 3. term "SARS2" deleted as it sometimes refers to mitochondrial seryl-tRNA synthetase gene, SARS2
Date introduced: January 14, 2020
- [spike glycoprotein, COVID-19 virus \[Supplementary Concept\]](#)
 4. Date introduced: March 19, 2020
- [COVID-19 \[Supplementary Concept\]](#)
 5. A viral disorder characterized by high FEVER; COUGH; DYSPNEA; renal dysfunction and other symptoms of a VIRAL PNEUMONIA. A **coronavirus SARS-CoV-2** in the genus BETACORONAVIRUS is the suspected agent.
Date introduced: February 13, 2020
- [COVID-19 serotherapy \[Supplementary Concept\]](#)
 6. Date introduced: March 28, 2020
- [LAMP assay \[Supplementary Concept\]](#)
 7. for use of LAMP assay for detecting **COVID-19** add: **COVID-19**; **SARS-CoV-2**; **Coronavirus** Infections/*diagnosis
Date introduced: March 28, 2020
- [COVID-19 drug treatment \[Supplementary Concept\]](#)
 8. Date introduced: March 28, 2020



Add to search builder AND ▾

Search PubMed

[YouTube Tutorial](#)

Find related data ▾

Database: Select ▾

Find items

Search details ▾

"COVID-19" [All Fields] OR "severe acute respiratory syndrome coronavirus 2" [All Fields] OR "severe acute respiratory syndrome coronavirus 2" [All Fields] OR "2019-

Search See more...

Recent Activity ▾

Turn Off Clear

COVID-19 (8) MeSH

cancer (395) MeSH

Corona Virus Disease 2019 OR COVID-19

主题词检索注意问题

COVID-19 [Supplementary Concept]

A viral disorder characterized by high FEVER; COUGH; DYSPNEA; renal dysfunction and other symptoms of a VIRAL PNEUMONIA. A **coronavirus SARS-CoV-2** in the genus BETACORONAVIRUS is the suspected agent.

Date introduced: February 13, 2020

PubMed search builder options

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

MeSH Unique ID: C000657245

Heading Mapped to:

- [Pneumonia, Viral](#)
- [Coronavirus Infections](#)
- [Pandemics](#)

Entry Terms:

- 2019-nCoV infection
- coronavirus disease 2019
- COVID-19 pandemic
- 2019-nCoV disease
- 2019 novel coronavirus disease
- COVID19
- 2019 novel coronavirus infection
- coronavirus disease-19

[All MeSH Categories](#)
COVID-19

一切都用MeSH Database吗？

PubMed Search Builder

Add to search builder AND ▾

Search PubMed

[YouTube Tutorial](#)

Related information

[PubMed](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

Recent Activity

[Turn Off](#) [Clear](#)

- COVID-19 [Supplementary Concept] MeSH
- COVID-19 (8) MeSH
- "Lung Neoplasms/surgery"[Majr:NoExp] AND Humans[Mesh] AND Male[Me.. PubMed
- "Lung Neoplasms/surgery"[Majr:NoExp] AND Humans[Mesh] AND Male[Me.. PubMed

主题词检索注意问题

- ①当课题含有多个主题词时，在MeSH Database中的操作往往需要重复多次。
- ②进入到主题词细节页面时，要多注意主题词的上位词和下位词情况，看看是否有更加合适的主题词。
- ③同时选多个副主题词时，其间的逻辑关系是OR。
- ④检索结果可通过检索选项和过滤条件进行逐步调整。
- ⑤新出现的词无法在MESH主题词表查到，应使用关键词检索。

当目标是检全时

采用主题词+自由词的方式进行检索

当目标是检准时

采用主题词的方式提高检准率

3.3 检索历史记录

- 查看检索结果/转化
- 同义词联想
- 美式/英式英语联想

#4 ... Search: **Corona Virus Disease 2019 OR COVID-19** 2,446 22:41:3

((("corona"[All Fields] OR "coronae"[All Fields]) OR "coronas"[All Fields]) AND (((("virus diseases"[MeSH Terms] OR ("virus"[All Fields] AND "diseases"[All Fields])) OR "virus diseases"[All Fields]) OR ("virus"[All Fields] AND "disease"[All Fields])) OR "virus disease"[All Fields]) AND "2019"[All Fields]) OR ((((((("covid 19"[All Fields] OR "covid 2019"[All Fields]) OR "severe acute respiratory syndrome coronavirus 2"[Supplementary Concept]) OR "severe acute respiratory syndrome coronavirus 2"[All Fields]) OR "2019 ncov"[All Fields]) OR "sars cov 2"[All Fields]) OR "2019ncov"[All Fields]) OR ((("wuhan"[All Fields] AND ("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields])) AND (2019/12/1:2019/12/31[Date - Publication] OR 2020/1/1:2020/12/31[Date - Publication])))

Translations

Corona: "corona"[All Fields] OR "coronae"[All Fields] OR "coronas"[All Fields]
Virus Disease: "virus diseases"[MeSH Terms] OR ("virus"[All Fields] AND "diseases"[All Fields]) OR "virus diseases"[All Fields] OR ("virus"[All Fields] AND "disease"[All Fields]) OR "virus disease"[All Fields]
COVID-19: "COVID-19"[All Fields] OR "COVID-2019"[All Fields] OR "severe acute respiratory syndrome coronavirus 2"[Supplementary Concept] OR "severe acute respiratory syndrome coronavirus 2"[All Fields] OR "2019-nCoV"[All Fields] OR "SARS-CoV-2"[All Fields] OR "2019nCoV"[All Fields] OR ((("Wuhan"[All Fields] AND ("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields])) AND (2019/12[PDAT] OR 2020[PDAT]))

3.3 检索历史记录

- 高级检索

Add terms to the query box

All Fields [ADD](#)

[Show Index](#)

Query box

[Search](#)

[Add to History](#)

瑞德西韦Remdesivir

History and Search Details [Download](#) [Delete](#)

Search	Actions	Details	Query	Results	Time
#4	...	>	Search: Corona Virus Disease 2019 OR COVID-19	2,446	22:41:32
#1	...	>	Search: COVID-19	2,420	22:41:21

Showing 1 to 2 of 2 entries

3.3 检索历史记录

直接显示检索结果到检索历史

Query box

Remdesivir

Add to History

Search

显示检索结果页面

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#5	Add query		earch: Remdesivir	52	22:53:41
#4	...	Add with AND	rch: Corona Virus Disease 2019 OR COVID-19	2,446	22:41:32
#1	...	Add with OR	rch: COVID-19	2,420	22:41:21

Showing 3 of 3

Delete

Save to MyNCBI

3.3 检索历史记录

Query box

(Remdesivir) AND (Corona Virus Disease 2019 OR COVID-19)

Search

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#5	...	>	Search: Remdesivir	52	22:53:41
#4	...	>	Search: Corona Virus Disease 2019 OR COVID-19	2,446	22:41:32
#1	...	>	Search: COVID-19	2,420	22:41:21

Save

Email

Send to

Sorted by: Best match



MYNCBI FILTERS

TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

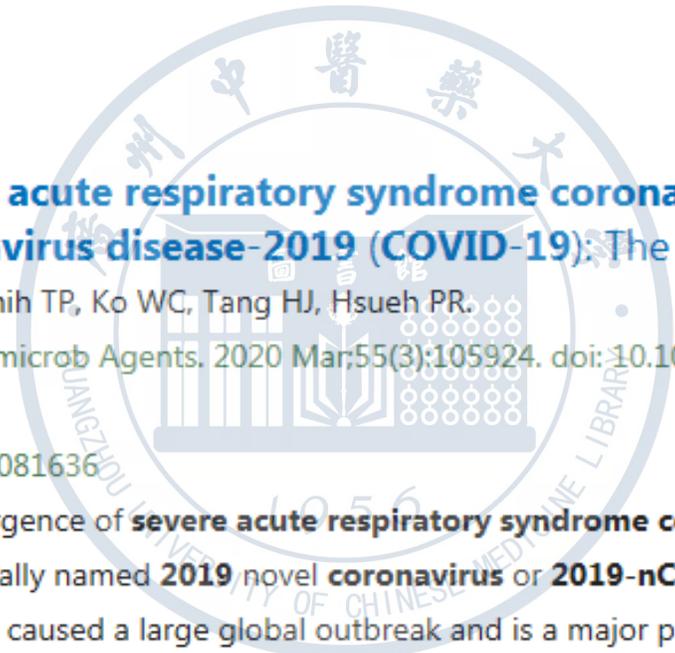
- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial

28 results

- 1 **Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and coronavirus disease-2019 (COVID-19): The epidemic and the challenges.**
 Lai CC, Shih TP, Ko WC, Tang HJ, Hsueh PR.
 Int J Antimicrob Agents. 2020 Mar;55(3):105924. doi: 10.1016/j.ijantimicag.2020.105924. Epub 2020 Feb 17.
 PMID: 32081636

The emergence of **severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2;** previously provisionally named **2019 novel coronavirus** or **2019-nCoV) disease (COVID-19)** in China at the end of **2019** has caused a large global outbreak and is a major public health issue. ...Among patients with pneumonia caused by **SARS-CoV-2** (novel **coronavirus** pneumonia or **Wuhan** pneumonia), fever was the most common symptom, followed by cough. ...

“ Cite Share
- 2 **Discovering drugs to treat coronavirus disease 2019 (COVID-19).**
 Dong L, Hu S, Gao J.



3.3 检索历史记录

Use the builder below to create your search

[Edit](#)

[Clear](#)

MeSH主题检索：PubMed旧版检索历史界面

Builder

All Fields

[Show index list](#)

AND

All Fields

[Show index list](#)

Search

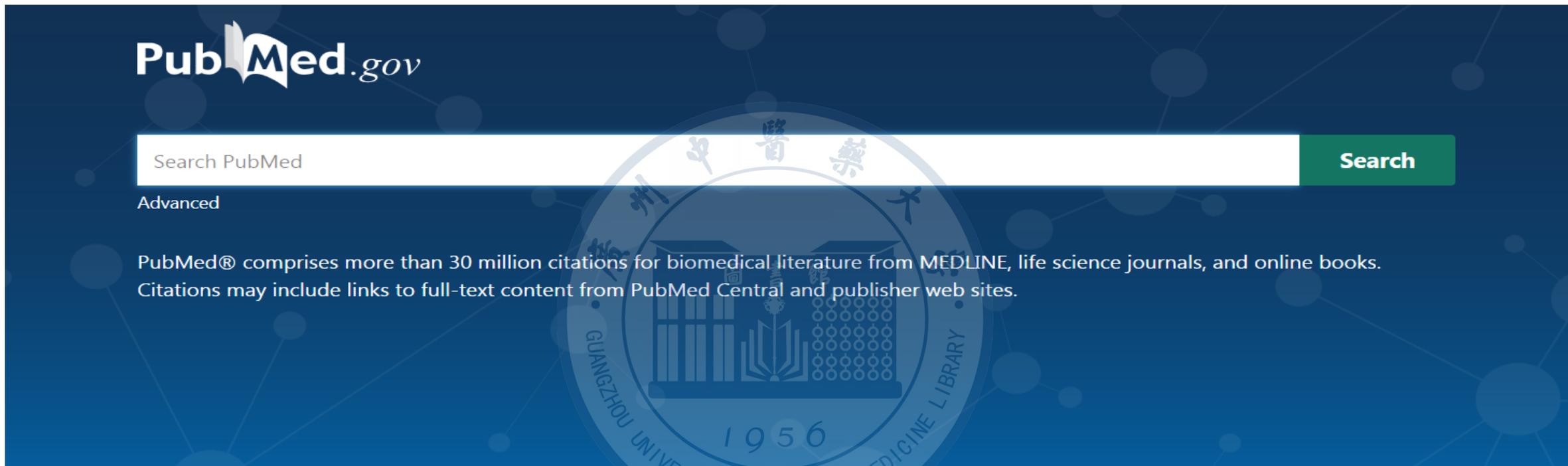
or [Add to history](#)

History

[Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#9	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Systematic Reviews; Humans; Male; Aged: 65+ years	7	22:32:22
#8	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Review; Systematic Reviews; Humans; Male; Aged: 65+ years	589	22:32:16
#7	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Review; Humans; Male; Aged: 65+ years	158	22:32:05
#6	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Humans; Male; Aged: 65+ years	7076	22:31:55
#5	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Humans; Male	9582	22:31:48
#4	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match Filters: Humans	14504	22:31:42
#3	Add	Search "Lung Neoplasms/surgery"[Majr:NoExp] Sort by: Best Match	14598	22:31:22

3.4 临床查询



PubMed.gov

Search PubMed Search

Advanced

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Background: The image shows the PubMed.gov search interface. It features a search bar with the text "Search PubMed" and a green "Search" button. Below the search bar, there is a link for "Advanced" search. A paragraph of text describes the scope of PubMed, mentioning over 30 million citations from MEDLINE, life science journals, and online books. A large, semi-transparent watermark of the Guangzhou University of Chinese Medicine Library logo is overlaid on the page. The logo includes the university's name in Chinese and English, the year 1956, and an illustration of a library building.



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[Clinical Queries](#)
[Single Citation Matcher](#)



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Explore

[MeSH Database](#)
[Journals](#)

Clinical Queries (临床查询)

NCBI Resources How To tsgzxy My NCBI Sign Out

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

Please enter search term(s)

Clinical Study Categories

This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al.](#) See more [filter information](#).

Systematic Reviews

This column displays citations for systematic reviews. See [filter information](#) or additional [related sources](#).

Medical Genetics

This column displays citations pertaining to topics in medical genetics. See more [filter information](#).

① Clinical Study Category

- ◆ 列有临床医生常用的类目，如therapy（治疗）、diagnosis（诊断）、etiology（病因）和prognosis（预后）等。在检索框内输入检索词，然后选择上述类目即可，同时可以根据需要选择强调查全率（“broad, sensitive search”）还是查准率（“narrow, specific search”）。

Clinical Queries (临床查询)

② Systematic Reviews (系统评价)

功能专门用来检索经专家评价过的质量高的循证医学文献;提供检索疾病的Systematic Reviews (系统评价)、meta-analysis (meta分析)、Reviews of clinical (临床试验评论) 和evidence-based medicine (循证医学) 等方面的文献。

③ Medical Genetics

供检索医学遗传学方面的文献。



案例：临床医生想检索心肌炎（myocarditis）诊断方面的文献，要求准确检索

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

myocarditis

Search

Clinical Study Categories

Category: Diagnosis

Etiology

Broad

Narrow

Prognosis

Clinical prediction guides

Systematic Reviews

Results: 5 of 90

The impact of 2019 novel coronavirus on heart injury: A Systematic review and Meta-analysis.

Li JW, Han TW, Woodward M, Anderson CS, Zhou H, Chen YD, Neal B. Prog Cardiovasc Dis. 2020 Apr 16; . Epub 2020 Apr 16.

Anti-inflammatory and antioxidant therapies for chagasic myocarditis: a systematic review.

Freitas DS, Silva Godinho AS, Mondégo-Oliveira R, Cardoso FO, Abreu-Silva AL, Silva LA. Parasitology. 2020 Feb 13; :1-8. Epub 2020 Feb 13.

The prognostic value of late gadolinium enhancement in myocarditis and clinically suspected myocarditis: systematic review and meta-analysis.

Yang F, Wang J, Li W, Xu Y, Wan K, Zeng R, Chen Y. Eur Radiol. 2020 May; 30(5):2616-2626. Epub 2020 Feb 10.

Systematic review and meta-analysis of rates of clozapine-associated myocarditis and cardiomyopathy.

Medical Genetics

Topic: All

Results: 5 of 1962

Desmoplakin Cardiomyopathy, a Fibrotic and Inflammatory Form of Cardiomyopathy Distinct from Typical Dilated or Arrhythmogenic Right Ventricular Cardiomyopathy.

Smith ED, Lakdawala NK, Papoutsidakis N, Aubert G, Mazzanti A, McCanta AC, Agarwal PP, Arscott P, Dellefave-Castillo LM, Vorovich EE, et al. Circulation. 2020 May 6; . Epub 2020 May 6.

Familial screening in case of acute myocarditis reveals inherited arrhythmogenic left ventricular cardiomyopathies.

Piriou N, Marteau L, Kyndt F, Serfaty JM, Toquet C, Le Gloan L, Warin-Fresse K, Guijarro D, Le Tourneau T, Conan E, et al. ESC Heart Fail. 2020 May 1; . Epub 2020 May 1.

COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options.

Guzik TJ, Mohiddin SA, Dimarco A, Patel V, Savvatis K, Marelli-Berg FM, Madhur MS, Tomaszewski M, Maffia P, D'Acquisto F, et al. Cardiovasc Res. 2020 Apr 30; . Epub 2020 Apr 30.

Clinical Study Category 临床研究类文献



(Diagnosis/Narrow[filter]) AND (myocarditis)



Search

Advanced Create alert Create RSS

User Guide

Save

Email

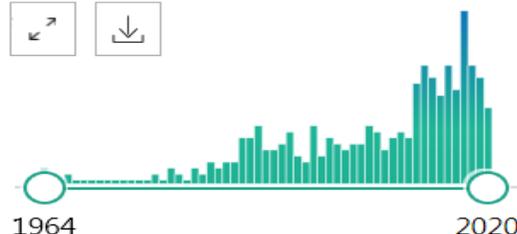
Send to

Sorted by: Best match

Display options

MY NCBI FILTERS

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

311 results

Immune Checkpoint Inhibitor-Associated **Myocarditis**.

1 Oncologist 5.252 2018

Ganatra S, Neilan TG.

DOI: 10.1634/theoncologist.2018-0130

PMID: 29802219

The true incidence of ICI-associated **myocarditis** is likely underestimated, due to a combination of factors including the lack of **specificity** in the clinical presentation, the potential of overlap with other cardiovascular and general medical illnesses, the challenges in the diagnosis, and a general lack of awareness of this condition. ...KEY POINTS: The incidence of immune checkpoint inhibitor (ICI)-associated **myocarditis** is unclear and has been reported to range from 0.06% to 1% of patients prescribed an ICI. **Myocarditis** may be difficult to diagnose. The risk factors for ICI-associated **myocarditis** are not well understood but may include underlying autoimmune disease and diabetes mellitus. The prevalence of **myocarditis** has been reported to be higher with combination immune therapies. **Myocarditis** with ICI's typically occurs early, with an elevated troponin, may present with a normal left ventricular ejection fraction and may have a fulminant course. The optimal management of **myocarditis** associated with ICI's is unclear but most cases are treated with high-dose steroids...

“ Cite Share Abstract

Clinical Queries (临床查询)

- ❖ Clinical Queries利用内在的过滤器使其检索结果更加贴近临床的需要。如果用户需要查阅的并不仅仅局限于临床，也包括基础研究，则不应该使用这个检索引擎。





104

PubMed检索结果处理

4.1 Faculty opinions文章筛选

- 之前称为Faculty of 1000
 - 参阅8000多名生物学和医学领域的权威专家所推荐的文章，请他们从每年所发表的生物医学SCI论文中评选出一小部分（不足千分之二）最重要的文章，赋予fopinions论文称号，推荐给全世界的生物学和医学工作者，并由“Faculty”中的科学家对fopinions论文逐篇加以评论，然后根据专家的推荐情况，计算出fopinions因子并向生物医学界推荐。

4.1 Faculty opinions文章筛选



为Pubmed添加Faculty opinions文章过滤功能，需登录我的NCBI



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About PubMed



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Advanced Search



Download

E-utilities API



Explore

MeSH Database

4.1 Faculty opinions 文章筛选

• NCBI账号注册

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 eRA Commons

 Google Account

 NIH Account

 NCBI Account

more login options

New here? [Sign up](#)

Sign up

using

 eRA Commons

 Google Account

 NIH Account

or

 Create new NCBI Account

more sign up options

Have an account? [Log in](#)

Sign up

Choose a username

First name optional Last name optional

E-mail

tsgzxy

Password Repeat password

.....

Sign up

4.1 Faculty opinions 文章筛选

COVID-19 is an emerging, rapidly evolving situation.
Get the latest public health information from CDC: <https://www.coronavirus.gov>.
Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

My NCBI

[Customize this page](#) | [NCBI Site Preferences](#) | [Video Overview](#) | [Help](#)

Search NCBI databases

Search : PubMed

Search

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

Saved Searches

You don't have any saved searches yet.

Go and [create some saved searches](#) in PubMed or our other databases.

[Manage Saved Searches >](#)

My Bibliography

Your bibliography contains **no items**.
Your bibliography is **private**.

[Manage My Bibliography >](#)

Collections

All bibliographies and Other citations are now in [My Bibliography](#)

Collection Name	Items	Settings/Sharing	Type
Favorites	edit 0	Private	Standard

[Manage Collections >](#)

Recent Activity

Time	Database	Type	Term
26-Apr-2020	MeSH	search	air pollution
26-Apr-2020	MeSH	record	Lung Neoplasms
26-Apr-2020	MeSH	search	lung cancer
02-Apr-2020	PubMed	search	"Lung Neoplasms/surgery"[Majr:NoExp...

Filters

Filters for: PubMed (2 active)

Active	Name	Type
<input checked="" type="checkbox"/>	Faculty Opinions	Standard filter

[Manage Filters >](#)

4.1 Faculty opinions 文章筛选

You are managing filters for: PubMed Choose another database: PubMed (2 active)

Your PubMed filter list

Create custom filter

Active	Name	Type	
<input type="checkbox"/>	IF>30	Custom	delete
<input type="checkbox"/>	20>IF>10	Custom	delete
<input checked="" type="checkbox"/>	Faculty Opinions	Standard filter	

Browse/Search for PubMed Filters

Select category:

Popular LinkOut Properties Links

Search with terms (optional):

Faculty

Active Filter	Link Icon	Name	Description
<input type="checkbox"/>	<input type="checkbox"/>	Canadian Memorial Chiropractic College, CA (website)	The CMCC Health Sciences Library is Canada's primary library specializing in chiropractic. The library is accessible to all students and faculty of CMCC, as well as to practitioners in the field. The general public are welcome to use the resources within
<input type="checkbox"/>	<input type="checkbox"/>	Chiang Mai University, Faculty of Dentistry Library, Thailand	
<input type="checkbox"/>	<input type="checkbox"/>	Department of Scientific Information, 2nd Faculty of Medicine, Charles University in Prague, Czech Republic (website)	
<input type="checkbox"/>	<input type="checkbox"/>	Faculty of Medicine Vajira Hospital, Vajira Medical Library, THAILAND (website)	Medical Library
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Faculty Opinions (website)	See the articles recommended by a Faculty of more than 8,000 leading experts in biology and medicine.
<input type="checkbox"/>	<input type="checkbox"/>	Medical Library of the Faculty of Medicine, Charles	

4.1 Fopinions文章筛选

NIH National Library of Medicine National Center for Biotechnology Information tsgzxy

PubMed.gov (Diagnosis/Narrow[filter]) AND (myocarditis) Search User Guide

Advanced Create alert Create RSS

Save Email Send to Sorted by: Best match Display options

MY NCBI FILTERS +

All (311)
fopinions (8)

RESULTS BY YEAR

Year	Results
2008	~1000
2009	~1000
2010	~1000
2011	~1000
2012	~1000
2013	~1000
2014	~1000
2015	~1000
2016	~1000
2017	~1000
2018	18,639
2019	~1000
2020	~1000

TEXT AVAILABILITY

Abstract
 Free full text
 Full text

ARTICLE ATTRIBUTE

8 results

1 **Cardiovascular Magnetic Resonance in Nonischemic Myocardial Inflammation: Expert Recommendations.**
J Am Coll Cardiol | 18,639 | 2018 | Review
Ferreira VM, Schulz-Menger J, Holmvang G, Kramer CM, Carbone I, Sechtem U, Kindermann I, Gutberlet M, Cooper LT, Liu P, Friedrich MG.
DOI: 10.1016/j.jacc.2018.09.072
PMID: 30545455
While each parameter may indicate myocardial inflammation, the authors propose that CMR provides strong evidence for myocardial inflammation, with increasing **specificity**, if the CMR scan demonstrates the combination of myocardial edema with other CMR markers of inflammatory myocardial injury. ...While having both a positive T2-based marker and a T1-based marker will increase **specificity** for diagnosing acute myocardial inflammation, having only one (i.e., T2-based OR T1-based) marker may still support a diagnosis of acute myocardial inflammation in an appropriate clinical scenario, albeit with less **specificity**. ...
Cite Share Abstract

A novel multiparametric imaging approach to acute **myocarditis** using T2-

4.2 检索结果显示与下载

PubMed.gov (Remdesivir) AND (Corona Virus Disease 2019 OR COVID-19) Search

Advanced Create alert User Guide

Save Email Send to Sorted by: Best match

MYNCBI FILTERS

28 results

TEXT AVAILABILITY

保存操作时，可先用鼠标对记录左边的复选框打标记，从下拉菜单中选择欲保存的记录格式，然后选用下列操作

Associated data

ARTICLE TYPE

Books and Documents

Clinical Trial

Meta-Analysis

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) coronavirus disease-2019 (COVID-19): The epidemic and the implications
Lai CC, Shih TP, Ko WC, Tang HJ, Hsueh PR.
Int J Antimicrob Agents. 2020 Mar;55(3):105924. doi: 10.1016/j.ijantimicag.2020.105924. Epub 2020 Mar 17.
PMID: 32081636
The emergence of **severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)**; previously named **2019 novel coronavirus** or **2019-nCoV** disease (**COVID-19**) in China at the end of **2019** has caused a large global outbreak and is a major public health issue. ...Among patients with pneumonia caused by **SARS-CoV-2** (novel **coronavirus** pneumonia or **Wuhan** pneumonia), fever was the most common symptom, followed by cough. ...

“ Cite Share

Discovering drugs to treat **coronavirus disease 2019 (COVID-19)**.

DISPLAY OPTIONS

Format Summary Abstract

Sort by Best match Most recent Publication date

Per page 10 20 50 100 200

4.2 检索结果显示与下载

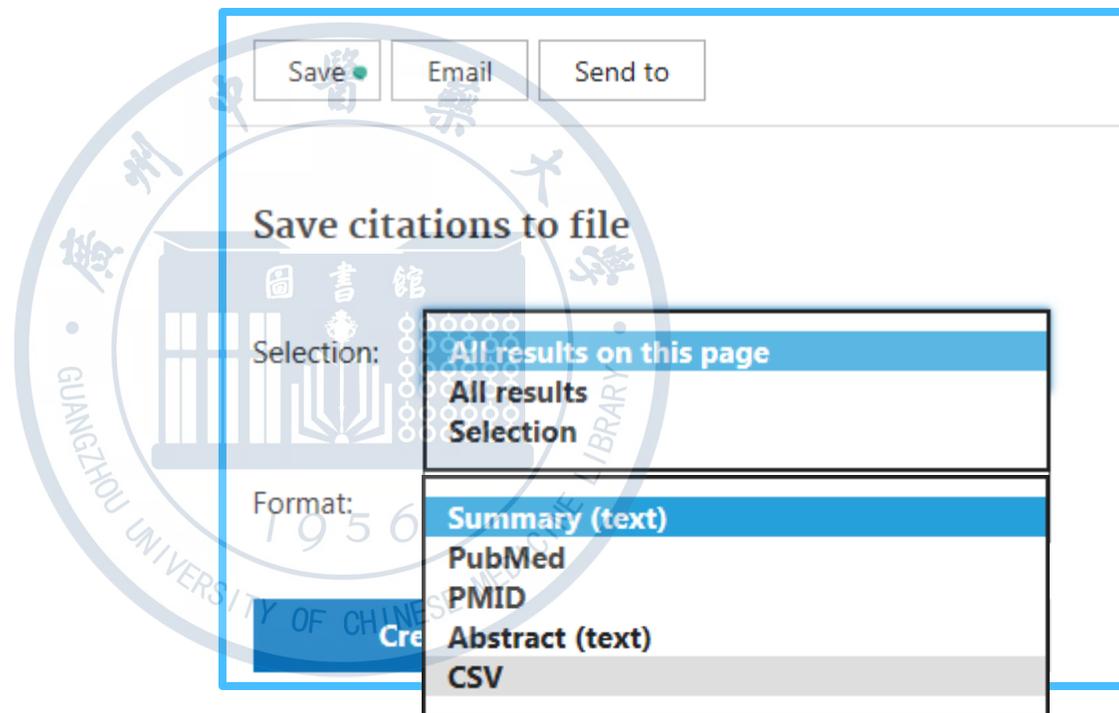
□ 保存到文件

➤ 选择范围

- 当前页的结果
- 所有结果 (**最多1万条**)
- 筛选

➤ 保存格式

- Summary
- PubMed文件
- PMID列表
- 摘要
- CSV文件



4.2 检索结果显示与下载

abstract-Remdesivir-set - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

1. Int J Antimicrob Agents. 2020 Mar;55(3):105924. doi: 10.1016/j.ijantimicag.2020.105924. Epub 2020 Feb 17.

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and coronavirus disease-2019 (COVID-19): The epidemic and the challenges.

Lai CC(1), Shih TP(2), Ko WC(3), Tang HJ(4), Hsueh PR(5).

Author information:
 (1)Department of Internal Medicine, Kaohsiung Veterans General Hospital, Tainan Branch, Tainan, Taiwan.
 (2)Department of Family Medicine, Kaohsiung Veterans General Hospital, Tainan Branch, Tainan, Taiwan.
 (3)Department of Medicine, Tainan, Taiwan.
 (4)Department of Medicine, National Taiwan University Internal Medicine, National University College of Medicine, hsporen@ntu.edu.tw.
 The emergence of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and coronavirus disease-2019 (COVID-19) in China at the beginning of 2020 has become a major public health issue. The World Health Organization (WHO) have since identified in 28 countries/

pubmed-Remdesivir-set - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

PMID- 32081636
 OWN - NLM
 STAT- MEDLINE
 DCOM- 20200325
 LR - 20200325
 IS - 1872-7913 (Electronic)
 IS - 0924-8579 (Linking)
 VI - 55
 IP - 3
 DP - 2020 Mar
 TI - Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and coronavirus disease-2019 (COVID-19): The epidemic and the challenges.
 PG - 105924

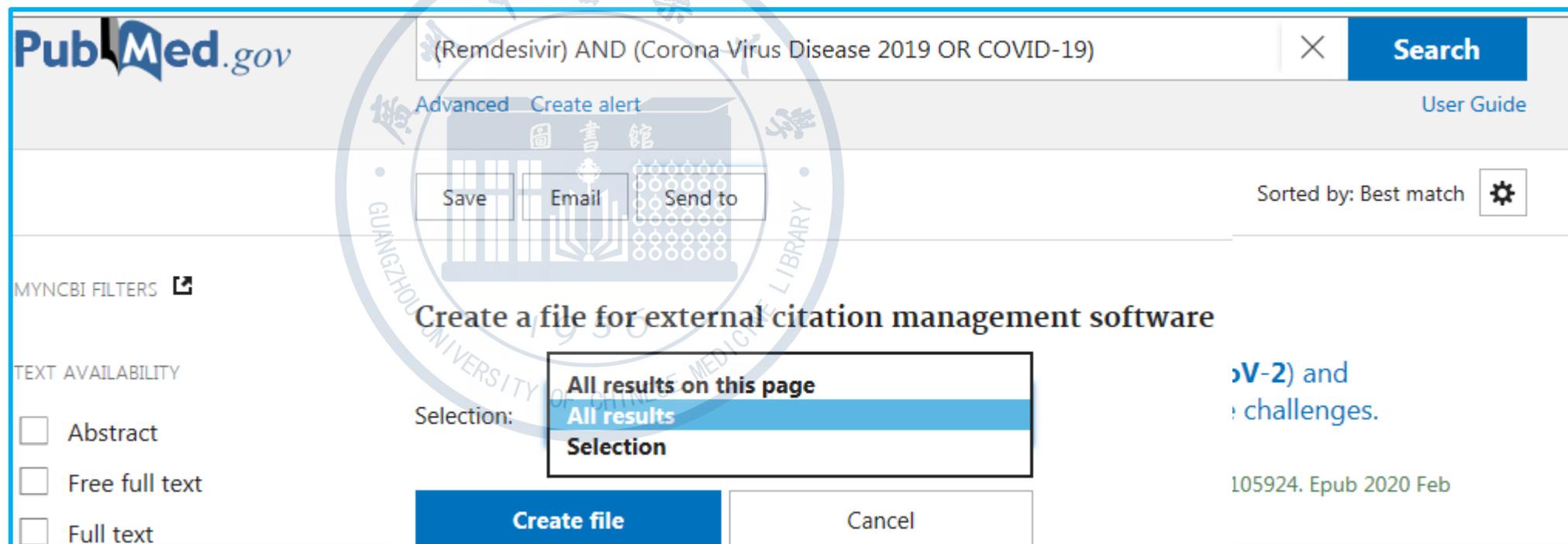
PMID	Title	Authors	Citation	First Aut	Journal/EPublicati	Create Date	PMCID	NIHMS ID	DOI
32081636	Severe ac	Lai CC, S	Int J Ant	Lai CC	Int J Ant	2020 2020/2/22			10.1016/j.ijantimicag.2020.105924
32147628	Discoveri	Dong L, F	Drug Disc	Dong L	Drug Disc	2020 2020/3/10			10.5582/ddt.2020.01012
32020029	Remdesivi	Wang M, C	Cell Res.	Wang M	Cell Res	2020 2020/2/6	PMC7054408		10.1038/s41422-020-0282-0
32164424	COVID-19:	Chan KW, A	Am J Chir	Chan KW	Am J Chir	2020 2020/3/14			10.1142/S0192415X20500378
32173241	Asymptome	Lai CC, L	J Microbi	Lai CC	J Microbi	2020 2020/3/17			10.1016/j.jmii.2020.02.012
32152082	Compounds	Martinez	Antimicro	Martinez	Antimicro	2020 2020/3/11			10.1128/AAC.00399-20
31996494	Drug tree	Lu H. Biosci	Tri	Lu H	Biosci Tri	2020 2020/1/31			10.5582/bst.2020.01020
32164080	[Potentia	Li H, War	Zhonghua	Li H	Zhonghua	2020 2020/3/13			10.3760/cma.j.issn.1001-0939.2020.03.004
32164081	[Pharmac	Du B, Qiu	Zhonghua	Du B	Zhonghua	2020 2020/3/13			10.3760/cma.j.issn.1001-0939.2020.03.005
32127666	Therapeut	Li G, De	Nat Rev I	Li G	Nat Rev I	2020 2020/3/5			10.1038/d41573-020-00016-0
32023685	[Potentia	Li H, War	Zhonghua	Li H	Zhonghua	2020 2020/2/6			10.3760/cma.j.issn.1001-0939.2020.0002
32119961	Anti-HCV,	Elfiky A	Life Sci.	Elfiky A	Life Sci	2020 2020/3/3	PMC7089605		10.1016/j.lfs.2020.117477
32145386	Remdesivi	Al-Tawfic	Travel Me	Al-Tawfic	Travel Me	2020 2020/3/8			10.1016/j.tmaid.2020.101615
32054787	Prophylac	de Wit E,	Proc Natl	de Wit E	Proc Natl	2020 2020/2/15			10.1073/pnas.1922083117
32022370	Learning	Morse JS,	Chembioc	Morse JS	Chembioc	2020 2020/2/6			10.1002/cbic.202000047
32179150	Teicoplar	Baron SA,	Int J Ant	Baron SA	Int J Ant	2020 2020/3/18	PMC7102624		10.1016/j.ijantimicag.2020.105944
32217113	Coronavir	Dashraat	Am J Obst	Dashraat	Am J Obst	2020 2020/3/29			10.1016/j.ajog.2020.03.021
32147516	Arguments	Ko WC, R	Int J Ant	Ko WC	Int J Ant	2020 2020/3/10			10.1016/j.ijantimicag.2020.105933
32094225	The antiv	Gordon C	J Biol Ch	Gordon C	J Biol Ch	2020 2020/2/26			10.1074/jbc.AC120.013056
32222812	Surviving	Alhazzani	Intensive	Alhazzani	Intensive	2020 2020/3/31	PMC7101866		10.1007/s00134-020-06022-5
32214286	Expanded	Atluri S,	Pain Phys	Atluri S	Pain Phys	2020 2020/3/28			
32239125	[Remdesiv	Reina J. Rev	Esp G	Reina J	Rev Esp G	2020 2020/4/3			10.37201/req/098.2020
32222463	Ribavirin	Elfiky A	Life Sci.	Elfiky A	Life Sci	2020 2020/3/31	PMC7102646		10.1016/j.lfs.2020.117592
32219882	Controver	Zhang C, J	Med Vir	Zhang C	J Med Vir	2020 2020/3/29			10.1002/jmv.25788
32234468	The epid	Zhai P, I	Int J Ant	Zhai P	Int J Ant	2020 2020/4/3			10.1016/j.ijantimicag.2020.105955
32138488	The 2019	Khat WY, I	Assoc E	Khat WY	I Assoc E	2020 2020/3/7			

csv-Remdesivir-set +

4.2 检索结果显示与下载

□ 发送到

- 我的剪贴板
- 我的参考文献
- 收藏
- 引文管理



The screenshot displays the PubMed.gov search results interface. The search query is "(Remdesivir) AND (Corona Virus Disease 2019 OR COVID-19)". The page is sorted by "Best match". A "Send to" button is highlighted, and a dropdown menu is open, showing the following options: "All results on this page", "All results", and "Selection". The "All results" option is currently selected. Below the dropdown menu, there are buttons for "Create file" and "Cancel".

PubMed.gov (Remdesivir) AND (Corona Virus Disease 2019 OR COVID-19) Search

Advanced Create alert User Guide

Save Email Send to Sorted by: Best match

MYNCBI FILTERS

TEXT AVAILABILITY

Abstract

Free full text

Full text

Create a file for external citation management software

Selection:

All results on this page

All results

Selection

Create file Cancel

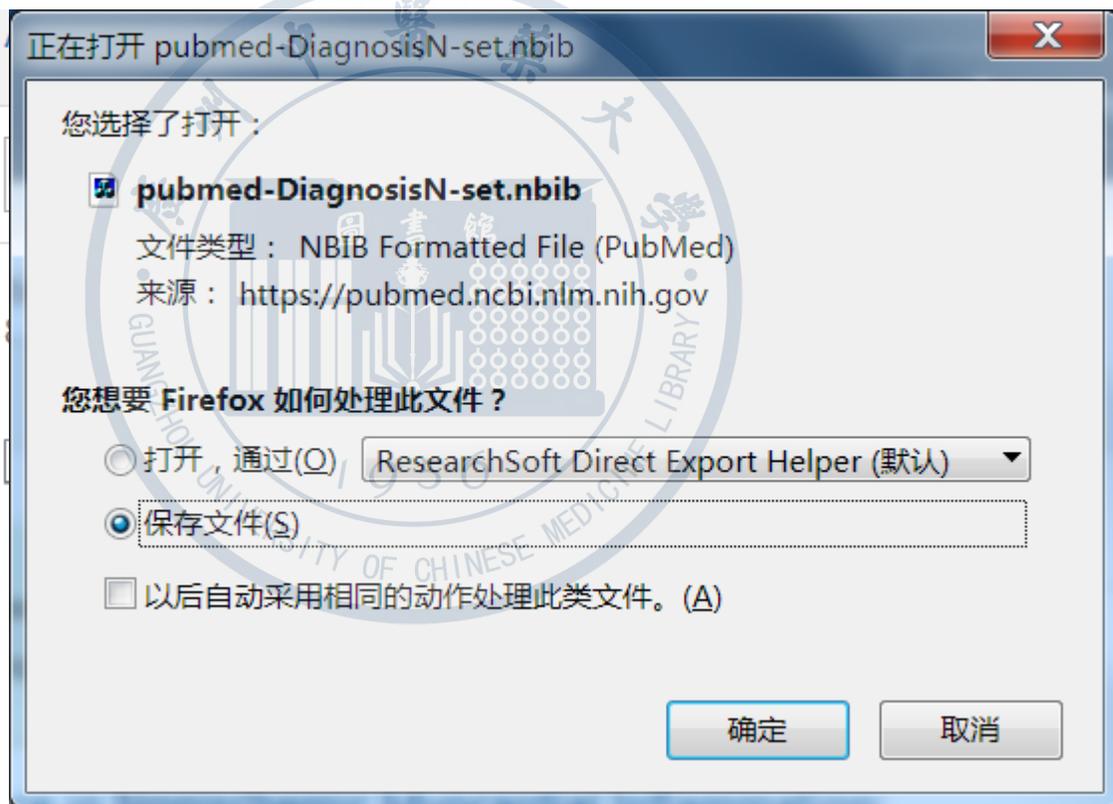
COVID-2) and challenges.

105924. Epub 2020 Feb

4.2 检索结果显示与下载

□ 导入NoteExpress

- 下载文献题录
- 保存题录
- 导入NoteExpress



Sorted by: Best match

Myocardial Inflan

Sechtem U, Kinderman

在线检索 导入全文 查重 数据库 智能更新 下载全文 引用 标签标记 数据分析 论文查重 选项

在全部文件夹中检索

- 文件夹
- 示例数据库
 - 题录
 - 我保存的题录
 - 林浩然中文CNKI
 - 会议
 - 书的章节
 - 学位论文
 - 书
 - 肺癌的手术治疗
 - 登革热
 - 笔记
 - 检索
 - 组织
 - 回收站

题录

1 / 22 细节... 预览... 综述... 附件... 笔记... 位置...

年份	作者	标题	来源
		检索系统	
		病胃轻瘫的胃动素、CD8+...	包头医学院学报
		um中新型细胞毒性寡肽的..	Journal of Zhejiang University-Science B(
		21-10次级代谢物及其生...	
		ergillipeptide D的抗HSV..	
		对糖尿病胃轻瘫患者血清...	中国中西医结合消化杂志
		珊瑚共附生真菌NG-15-3...	
		nyces qinglanensis 1722..	世界中医药
		共附生真菌NG1503次生代...	
		临床研究	中华中医药学刊
		菌次级代谢产物及其抗菌...	
		瘫患者血清胃动素和胃泌...	中国医药导报
		选及3β, 5α, 6β-三羟基...	
		射产物的研究	
		究	
		用生物资源次级代谢产物...	
		径瘫40例临床观察	中国医药导报
		拉霉素(Kalamycin)的抗...	
		其生物活性研究	
		的初步研究	
		的筛选及菌株B2817活性...	

导入题录

题录来源

来自文件(F)

C:\Users\zhxy\Desktop\pubmed-DiagnosisN ...

来自剪贴板(P)

选项

当前过滤器(I) PubMed

更多(M)...

字段默认值(V) ...

存放位置(D) 题录

成功导入后关闭该对话框

开始导入(I) 关闭

标签云 NoteExpress

文件夹

题录

8 / 30

示例数据库

- 示例数据库
 - 题录
 - 示例数据库的题录
 - CNKI
 - 术治疗
 - 笔
 - 检索
 - 组织
 - 回收站

	年份	作者	标题	来源
• 	2019	胡陈	六君子汤对脾虚痰湿型糖尿病胃轻瘫的胃动素、CD8+...	包头医学院学报
• 	2019	QUAH, Yixian; ISMAIL, Nor I.	软珊瑚Sarcophyton glaucum中新型细胞毒性寡肽的..	Journal of Zhejiang University-Science
• 	2017	姚远蓓	一株普哥滨珊瑚土曲霉XWC21-10次级代谢物及其生...	
• 	2017	王璐	海洋真菌次生代谢产物Aspergillipeptide D的抗HSV-..	
• 	2016	王健	阿奇霉素联合香砂六君子汤对糖尿病胃轻瘫患者血清...	中国中西医结合消化杂志
• 	2016	刘炳新	OSMAC策略对一株南海软珊瑚共附生真菌NG-15-3...	
• 	2016	徐东波	基因组序列指导的Streptomyces qinglanensis 1722..	
• 	2016	高彩霞; 徐志强; 祝捷; 徐远	糖尿病胃轻瘫中医研究近况	世界中医药
• 	2015	刘炳新; 李秀婷; 陈小洁; 苏贤君..	OSMAC策略对南海软珊瑚共附生真菌NG1503次生代...	
• 	2015	毛洲宏; 王布江; 周开; 倪海洋	难治性糖尿病性胃轻瘫20例临床研究	中华中医药学刊
• 	2015	刘云凤	两株中国南海柳珊瑚来源真菌次级代谢产物及其抗菌...	
• 	2014	傅克模; 莫耘松; 王永亮	香砂六君子汤对糖尿病胃轻瘫患者血清胃动素和胃泌...	中国医药导报
• 	2013	张敏敏	紫柳珊瑚抗肿瘤活性成分筛选及 3β , 5α , 6β -三羟基...	
• 	2013	汤枝鹏	两株海洋来源微生物次级代谢产物的研究	
• 	2011	王心	一株海洋真菌的卤代产物研究	
• 	2009	李亮	典型热带海洋环境中几种药用生物资源次级代谢产物...	
• 	2009	邹晓玲	柴芍六君子汤治疗糖尿病胃轻瘫40例临床观察	中国医药导报
• 	2009	张伟杰	海洋放线菌来源的化合物卡拉霉素(Kalamycin)的抗..	
• 	2006	黄新苹	四种海洋生物的化学成分及其生物活性研究	
• 	2006	王若宇	两株海洋真菌生理活性物质的初步研究	
• 	2005	吕家森	海洋微生物抗肿瘤活性菌株的筛选及菌株B2817活性物质的研究	
• 	2018	Ferreira, V M; Schulz-Menge.	Cardiovascular Magnetic Resonance in Nonische.	J Am Coll Cardiol
• 	2017	Baeßler, B; Treutlein, M; Sch.	A novel multiparametric imaging approach to aci	J Cardiovasc Magn Reson
• 	2014	Ferreira, V M; Piechnik, S K; .	Native T1-mapping detects the location, extent a	J Cardiovasc Magn Reson
• 	2012	Lurz, P; Eitel, I; Adam, J; Stei.	Diagnostic performance of CMR imaging compar	JACC Cardiovasc Imaging
• 	2013	Smulders, M W; Kietselaer, ..	The role of cardiovascular magnetic resonance in	Am Heart J
• 	2012	Thavendiranathan, P; Walls,	Improved detection of myocardial involvement i	Circ Cardiovasc Imaging
• 	2008	Vijayalakshmi, I B; Vishnupr.	The efficacy of echocardiographic criteria for t	Cardiol Young
• 	2015	Focardi, M; Cameli, M; Carb..	Traditional and innovative echocardiographic pai	Eur Heart J Cardiovasc Imaging

标签云

NoteExpress

4.2 检索结果显示与下载

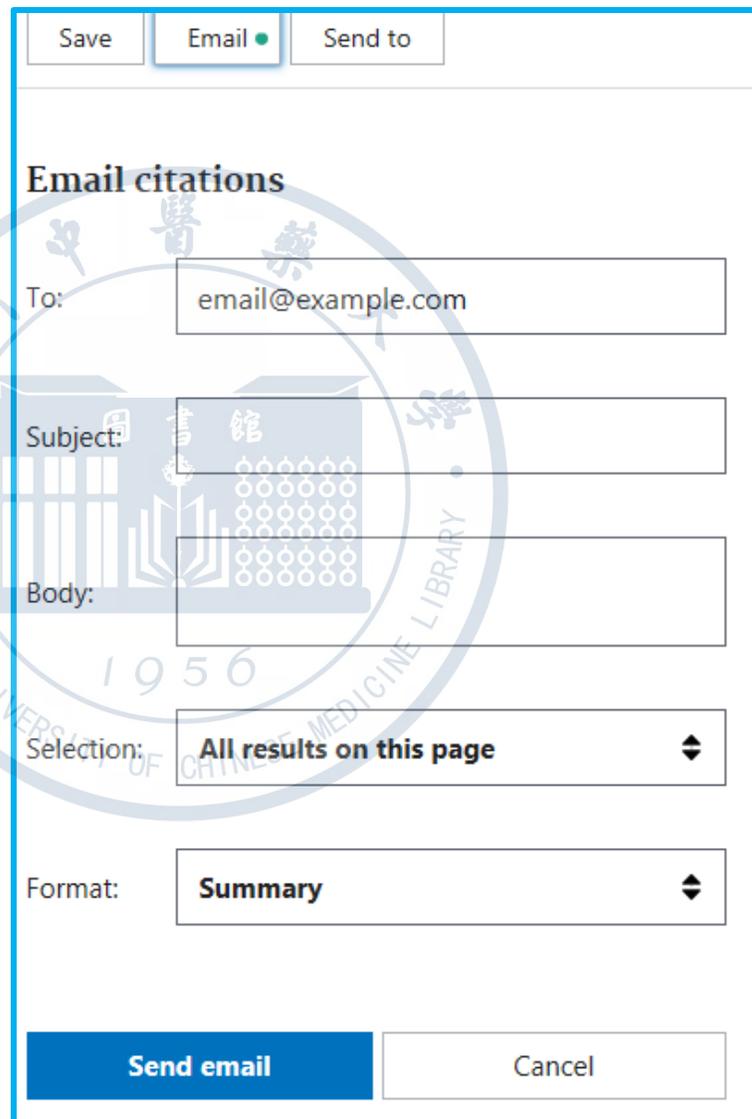
□ 发送邮件

➤ 选择范围

- 当前页的结果
- 筛选

➤ 保存格式

- Summary (纯文本)
 - Summary
 - 摘要 (纯文本)
 - 摘要
- Send to



The screenshot shows a web interface for sending email citations. At the top, there are three buttons: "Save", "Email" (which is selected and highlighted with a blue border), and "Send to". Below these buttons is the "Email citations" section. It contains four input fields: "To:" with the value "email@example.com", "Subject:" (empty), "Body:" (empty), and "Selection:" with a dropdown menu showing "All results on this page". Below the "Selection:" field is a "Format:" dropdown menu showing "Summary". At the bottom of the form are two buttons: "Send email" (in a blue box) and "Cancel". A large, semi-transparent watermark of Guangzhou University of Chinese Medicine Library is overlaid on the form.

4.2 检索结果的输出

□ 检出结果的全文追踪

- 图书馆已经购买的全文
- Pubmed Central
- Online free fulltext

链接到全文：

通过检索结果界面左侧和文献信息记录下方的链接可链接期刊出版商、部分期刊全文

Results: 1 to 20 of 1415

Filters activated: Free full text available [Clear all](#)

1. [Down-regulation of CXCR7 inhibits the growth and lung metastasis of human hepatocellular carcinoma cells with highly metastatic potential.](#)
Xue TC, Chen RX, Han D, Chen J, Xue Q, Gao DM, Sun RX, Tang ZY, Ye SL. *Exp Ther Med.* 2011 Jan;3(1):117-123. Epub 2011 Sep 29. PMID: 22969898

Free PMC Article

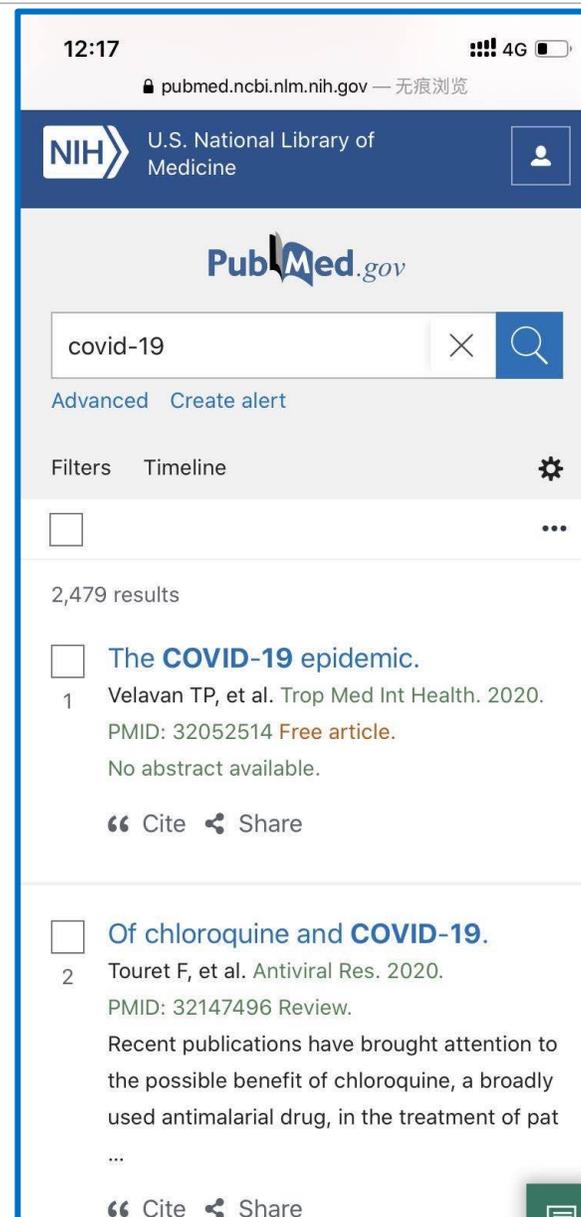
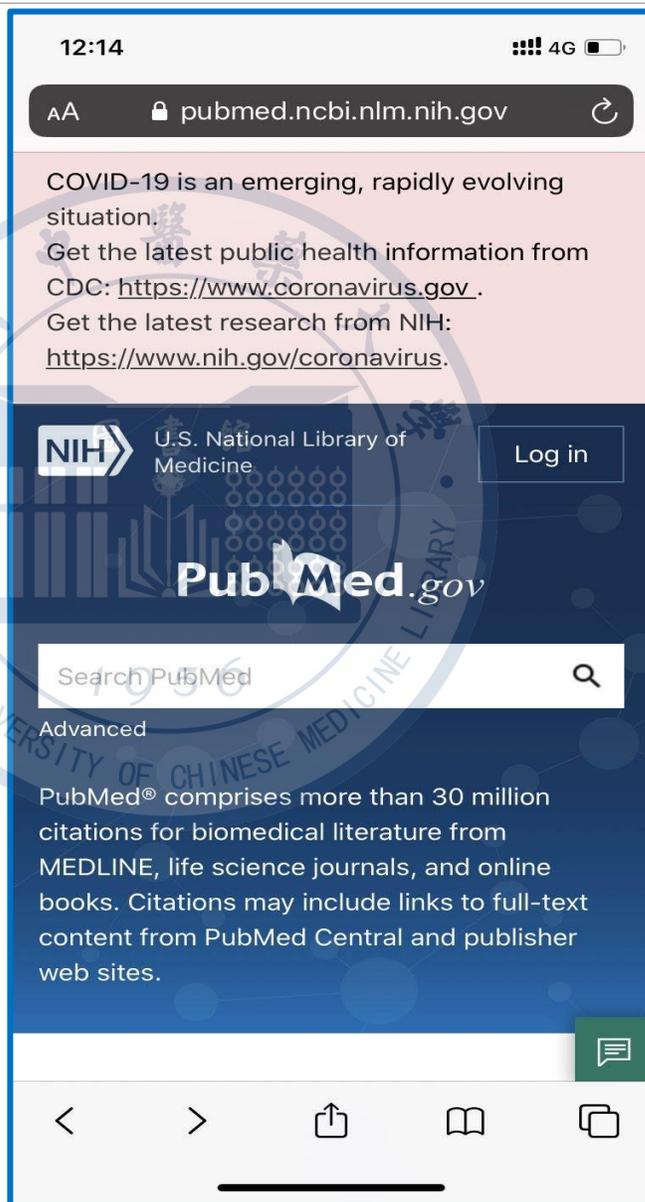
J-STAGE Journal @ archive FULL TEXT Free

SpringerLink FULL-TEXT ARTICLE

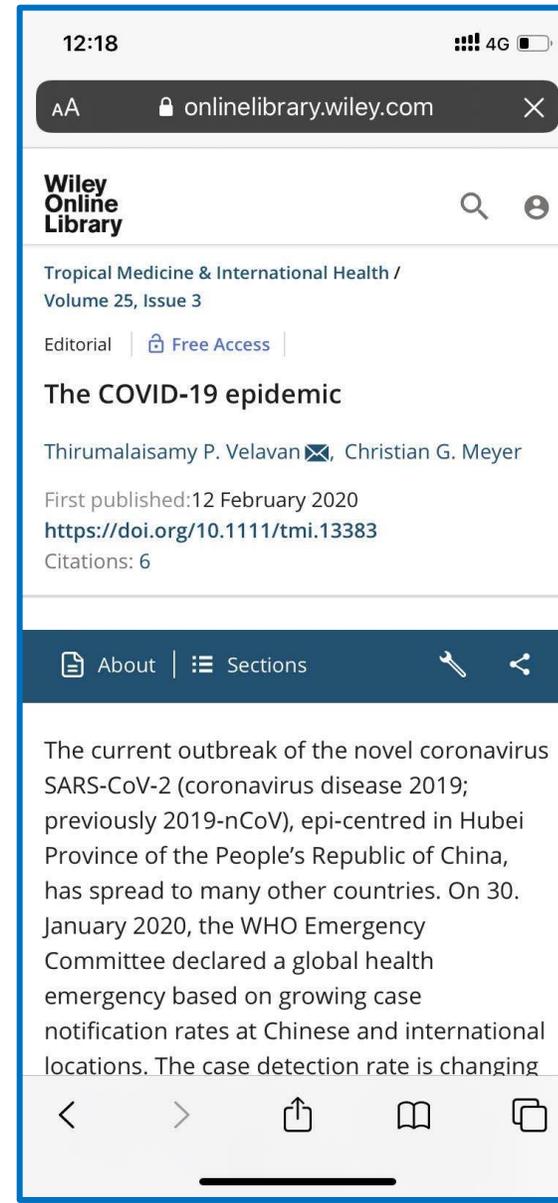
FREE full text article in PubMed Central

移动端也好用

- ✓ 可以登录到My NCBI
- ✓ 可以使用高级检索
- ✓ 可以使用筛选器
- ✓ 可以使用时间线
- ✓ 可以使用自定义排序
- ✓ 可以引用文献
- ✓ 可以分享
- ✓ 可以查看出版社和PMC图标
- ✓ 可以查看外链图标



移动端也好用



总 结

PubMed 总结

1

- PubMed作为专业的生物医学数据库是检索生物医学文献的**必备工具之一**

2

- PubMed的主题检索，真正实现了主题词组配副主题词的检索方式，能有效提高**检全率、检准率**

3

- PubMed对检索结果的过滤功能使检索结果更为**精确**



105

PubMed的统计分析工具

5.1 基于PubMed开发的平台及插件



Pubmedplus

添加pubmed工具条，显示：Scihub链接、期刊影响因子、Sci筛选、引文系统等



PubMed pro



Scholarscope

PubMed.cn 测试版!



PubMedy

offered by NobodyKnows

PubMed
医学文献检索服务系统

Scholarscope

□显示期刊IF 和分区，Scite 显示引用次数

□安装

以火狐浏览器为例进行介绍：

1. 打开浏览器，点击右上角菜单选项，在下拉菜单中选择「附加组件」。



Scholarscope

- 2. 进入下一级对话框，输入 scholarscope 进行搜索：



Scholarscope



(Diagnosis/Narrow[filter]) AND (myocarditis)



Search

Advanced Create alert Create RSS

User Guide

Save

Email

Send to

Sorted by: Best match

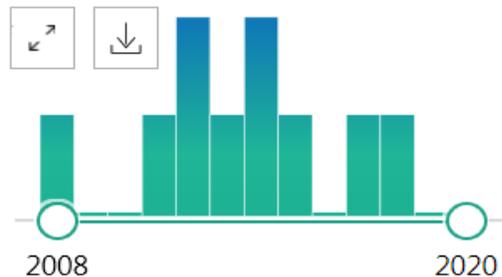
Display options

MY NCBI FILTERS

All (311)

fopinions (8)

RESULTS BY YEAR



TEXT AVAILABILITY

Abstract

8 results

[Cardiovascular Magnetic Resonance in Nonischemic Myocardial Inflammation: Expert Recommendations.](#)

1

J Am Coll Cardiol 18,639 Q1 2018 Review

Ferreira VM, Schulz-Menger J, Holmvang G, Kramer CM, Carbone I, Sechtem U, Kindermann I, Gutberlet M, Cooper LT, Liu P, Friedrich MG.

DOI: 10.1016/j.jacc.2018.09.072

PMID: 30545455

While each parameter may indicate myocardial inflammation, the authors propose that CMR provides strong evidence for myocardial inflammation, with increasing **specificity**, if the CMR scan demonstrates the combination of myocardial edema with other CMR markers of inflammatory myocardial injury.

...While having both a positive T2-based marker and a T1-based marker will increase **specificity** for diagnosing acute myocardial inflammation, having only one (i.e., T2-based OR T1-based) marker may still support a diagnosis of acute myocardial inflammation in an appropriate clinical scenario, albeit with less

道路千万条，学术第一条。
文献不多看，科研两行泪。



**THANK
YOU**