



-PubMed-



Ping Gu, Prof.,PhD
Department of Medical Information Science

TEL: 020-61648055 E-MAIL: guping@smu.edu.cn



PubMed Website

- Different from other database resources, it is a free system
 - http://pubmed.gov
 - http://www.pubmed.gov
 - http://www.ncbi.nlm.nih.gov/PubMed



Retrieval Case

How to search the literature on the topic of "using antibiotics to treat earache" through PubMed?



PubMed主页

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.



Learn

About PubMed FAQs & User Guide Finding Full Text



Find

Advanced Search
Clinical Queries
Single Citation Matcher



Download

E-utilities API FTP Batch Citation Matcher



Explore

MeSH Database Journals



What can you do with PubMed?

- Search the literature of a certain subject: Standard (default) search, subject word search and text word search;
- · Search for literature written by an author : Zhong SZ;
- Search for literature published in a journal: Journal of Southern Medical University;



What can you do with PubMed?

- · Search for a specific article: Single Citation Matcher;
- · Find the clinical information of a disease: Clinical Queries;
- · Get preset topic information regularly: My NCBI;
- · One stop search of NCBI other resources.

NCBI databases

https://www.ncbi.nlm.nih.gov/search/

NCBI Virus

The most up-to-date set of SARS-CoV-2 nucleotide and protein sequences



LitCovid

A curated literature hub for the latest scientific information on COVID-19



BLAST

Use our new Betacoronavirus database for SARS-CoV-2 genome sequence analysis



Literature

The World's largest repository of medical and scientific abstracts, full-text articles, books and reports

Bookshelf

Books and reports

MeSH

Ontology used for PubMed indexing

NLM Catalog

Books, journals and more in the NLM Collections

PubMed

Scientific and medical abstracts/citations

PubMed Central

Full-text journal articles

Genes

Gene sequences and annotations used as references for the study of orthologs structure, expression, and evolution

Gene

Collected information about gene loci

GEO DataSets

Functional genomics studies

GEO Profiles

Gene expression and molecular abundance profiles

HomoloGene

Homologous genes sets for selected organisms

PopSet

Sequence sets from phylogenetic and population studies

Proteins

Protein sequences, 3-D structures, and tools for the study of functional protein domains and active sites

Conserved Domains

Conserved protein domains

Identical Protein Groups

Protein sequences grouped by identity

Protein

Protein sequences

Protein Family Models

Models representing homologous proteins with a common function

Structure

Experimentally-determined biomolecular structures

Genomes

Genome sequence assemblies, large-scale functional genomics data, and source biological samples

BLAST

A tool to find regions of similarity between biological sequences

Clinical

Heritable DNA variations, associations with human pathologies, and clinical diagnostics and



Teaching objectives

- Master the search skills and methods of subject search, and be able to flexibly use the Author, Journal Search and other ways to find the required literature information;
- Learn to display, save and email the selected documents according to common formats;
- · Familiar with the way of full text acquisition.



















- > Results filtering
- > Results processing*: Display and output
- ><u>Strategy saving</u>*: Personalized or problem setting services
- >Full text acquisition skills*
- > Characteristics of PubMed



- Free to use, it is an excellent database system for searching many information closely related to health medicine topics;
- ➤On June 26, 1997, Vice President Al Gore of the United States announced that it was free of charge;
- >Abstract title database, but it can provide full-text links of some literatures (such as free full-text links on PubMed Central and other websites).



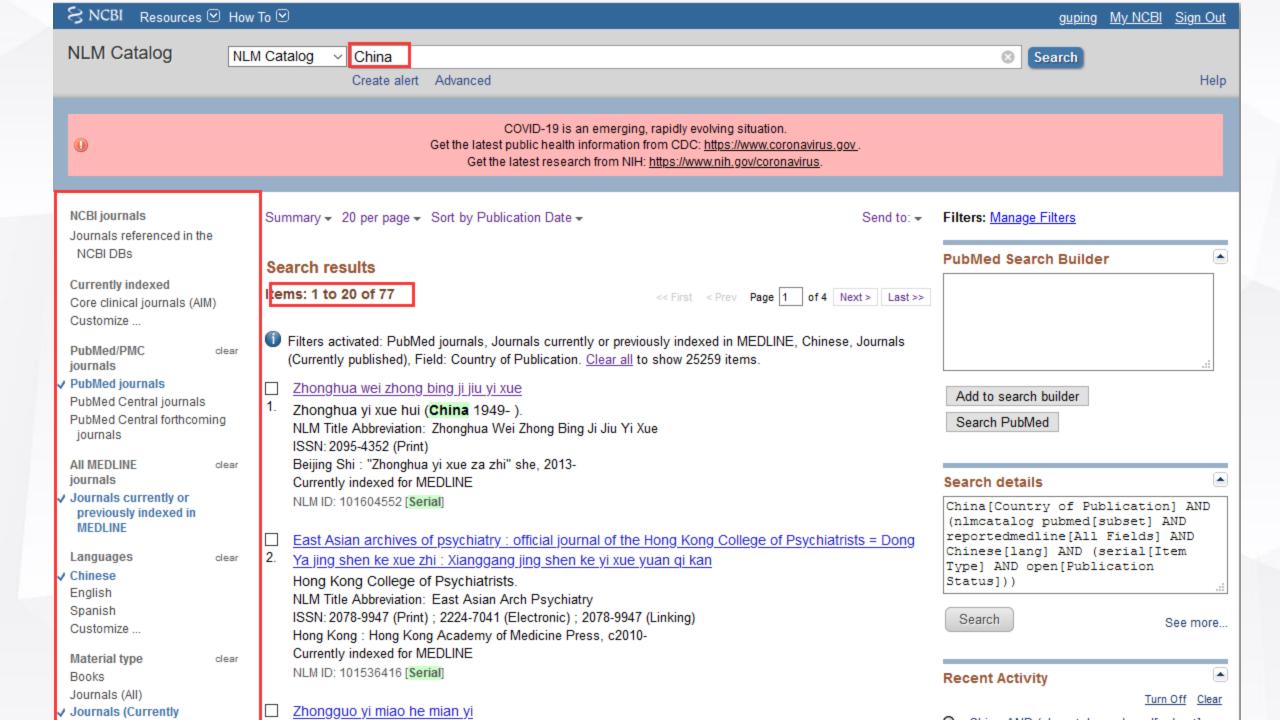
- The data come from about 5260 biomedical journals published in more than 80 countries, including the United States, and more than 70 Chinese journals;
- >Up to now, there are more than 33million literatures;













Data updated daily from Tuesday to Saturday, including MEDLINE(mid-1960's).

OLDMEDLINE(1948-1965) and Medline references in process, references supplied by publishers in PREMEDLINE.



PubMed's results provided

- > Bibliographic title or abstract information;
- Full text link information of free or charged literature.





- >Subject Search*
- > Advanced Search
- ><u>Truncation</u>
- > Author Search *
- >Phrase Search
- > Journal Search
- Single Citation Matcher *
- >Clinical Queries
- >Similar Articles





Subject Search

- >Standard Search *: Default intelligent retrieval method
- > Text Word *: Field qualification
- >MeSH Database



Standard Search

- >Search term: logical form, narrative sentence, substantive word
- Author name: to search the literature before 2002, it is necessary to use the method of full name first and abbreviation last: Zhong SZ
- >Journal name: Full name, abbreviation, ISSN number





Advanced Create alert Create RSS

User Guide

Save Email Send to

Sorted by: Best match



MYNCBI FILTERS LA

All (164)

f1000r (0)

fopinions (1)

Free Full Text (41)

Full text (120)

Review (16)

- show fewer

164 results

Antibiotics for acute otitis media in children.

1 Venekamp RP, Sanders SL, Glasziou PP, Del Mar CB, Rovers MM.

Cochrane Database Syst Rev. 2015 Jun 23;2015(6):CD000219. doi: 10.1002/14651858.CD000219.pub4.

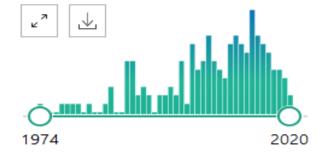
PMID: 26099233 Free PMC article. Review.

Antibiotic use for AOM varies from 56% in the Netherlands to 95% in the USA, Canada and Australia.

This is an update of a Cochrane review first published in The Cochrane Library in Issue 1, 1997 and previously updated in 1999, 2005, 2009 and 2013. ...SELECTION CRITERIA: Randomised controlled trials (RCTs) comparing 1) antimicrobial drugs with placebo and 2) immediate **antibiotic** treatment with expectant observation (including delayed **antibiotic** prescribing) in children with AOM. ...

66 Cite Share

RESULTS BY YEAR



Earache.

2 Conover K.

Emerg Med Clin North Am. 2013 May;31(2):413-42. doi: 10.1016/j.emc.2013.02.001.

PMID: 23601480 Review.

Earache, a common emergency department presentation, may be caused by a variety of conditions, some

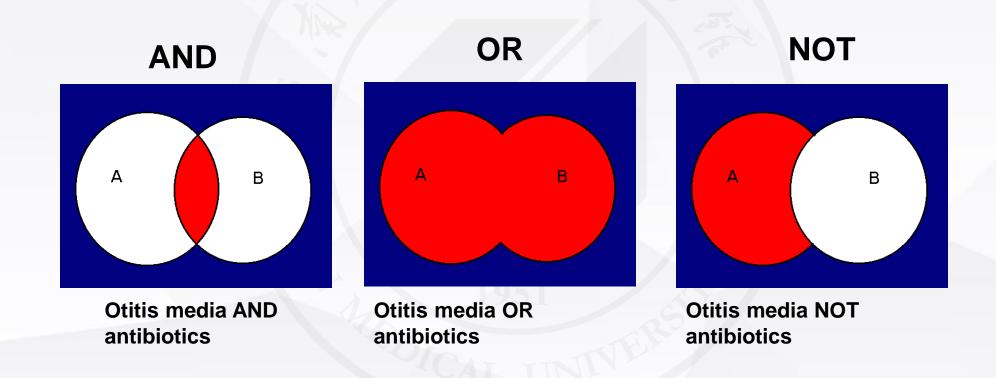
TEXT AVAILABILITY

History and Search Details



Search	Actions	Details	Query	Results	Time
#2	•••	~	Search: earache antibiotics (("earache"[MeSH Terms] OR "earache"[All Fields]) OR "earaches"[All Fields]) AND ((((((("anti bacterial agents"[Pharmacological Action] OR "anti-bacterial agents"[MeSH Terms]) OR ("anti bacterial"[All Fields] AND "agents"[All Fields])) OR "anti bacterial agents"[All Fields]) OR "antibiotic"[All Fields]) OR "antibiotics"[All Fields]) OR "antibiotical"[All Fields])	164	22:37:22
			Translations		
			earache: "earache"[MeSH Terms] OR "earache"[All Fields] OR "earaches"[All Fields]		
			antibiotics: "anti-bacterial agents" [Pharmacological Action] OR "anti-bacterial agents" [MeSH Terms] OR ("anti-bacterial" [All Fields] AND "agents" [All Fields]) OR "anti-bacterial agents" [All Fields] OR "antibiotic" [All Fields] OR "antibiotics" [All Fields] OR "antibiotic's" [All Fields] OR "antibiotical" [All Fields]		
#1	•••	>	Search: earache antibiotics Filters: Associated data	3	22:36:55

Boolean Operator (Capitalization)



 In PubMed, logic operations follow the order from left to right

antibiotics AND earache OR otitis

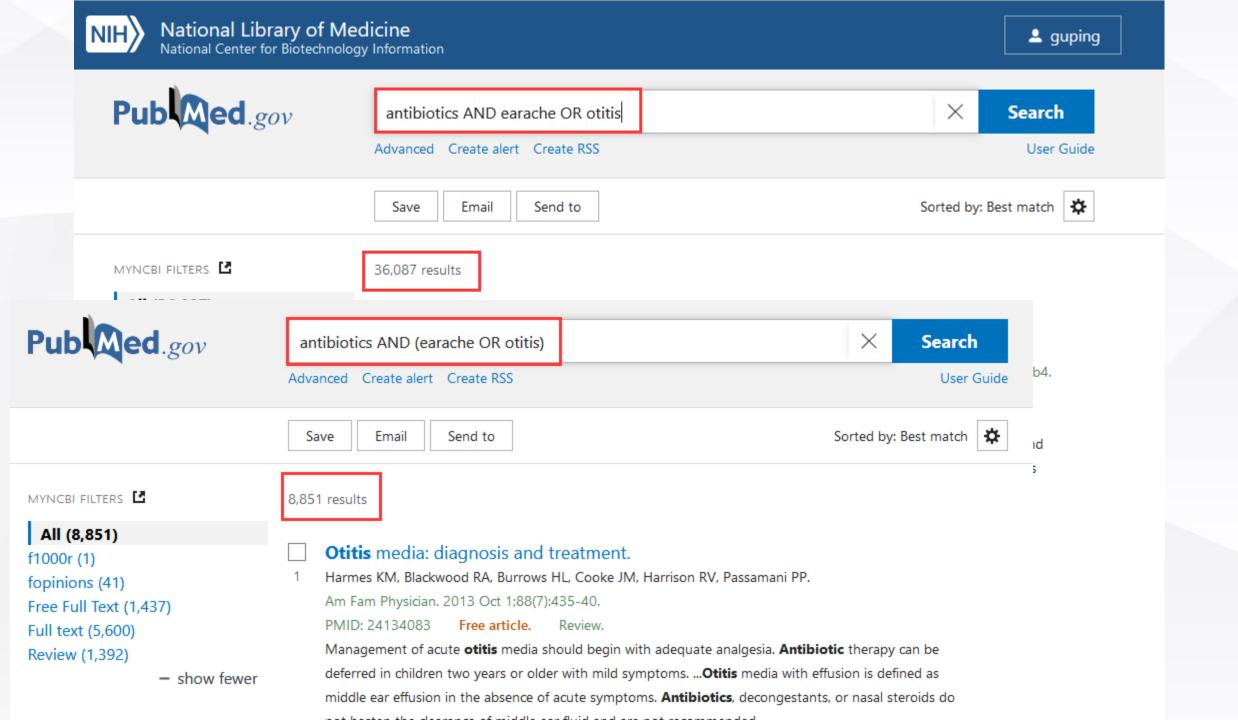
Differ from

antibiotics AND (earache OR otitis)

When AND and OR appear at the same time, AND takes precedence

The operation order is from left to right. When there are parentheses, the inner part of the parentheses takes precedence

All double quotation marks, *, (), - etc. must be input in English





earache antibiotics

 \times

Search

Advanced Create alert Create RSS

User Guide

Save

Email

Send to

Sorted by: Best match



MYNCBI FILTERS 🛂

All (164)

f1000r (0)

fopinions (1)

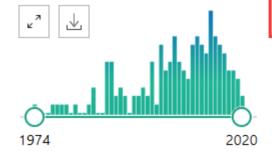
Free Full Text (41)

Full text (120)

Review (16)

- show fewer

RESULTS BY YEAR



164 results

PubMed Search Results

Antibiotics for acute otitis media in children.

1 Venekamp RP, Sanders SL, Glasziou PP, Del Mar CB, Rovers MM.

Cochrane Database Syst Rev. 2015 Jun 23;2015(6):CD000219. doi: 10.1002/14651858.CD000219.pub4.

PMID: 26099233 Free PMC article. Review.

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66 Cite Share

Earache.

Conover K.

Emerg Med Clin North Am. 2013 May;31(2):413-42. doi: 10.1016/j.emc.2013.02.001.

PMID: 23601480 Review.

Earache, a common emergency department presentation, may be caused by a variety of conditions, some





Text Word

- Input mode: earache [TW]
- In addition, only text word retrieval will be run by using * word cutting function

Search Field descriptions and tags

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]

Secondary Source ID [SI]

Subset [SB]

Supplementary Concept [NM]

Text Words [TW]

Title [TI]

Title/Abstract [TIAB]

Transliterated Title [TT]

Volume [VI]



Exercise

• Search for the literature with the word "acupuncture" in the title and published in 2000.



MYNCBI FILTERS LA

All (155)

fopinions (0)

Full text (93) Review (26)

Free Full Text (12)

TEXT AVAILABILITY

Abstract

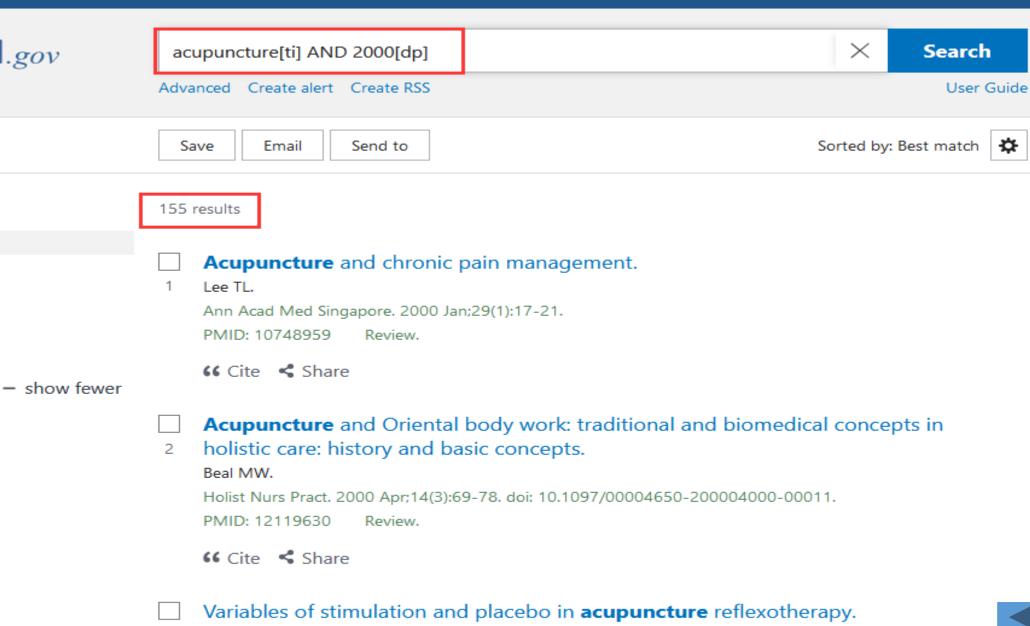
Full text

ARTICLE ATTRIBUTE

Free full text

Associated data

f1000r (0)

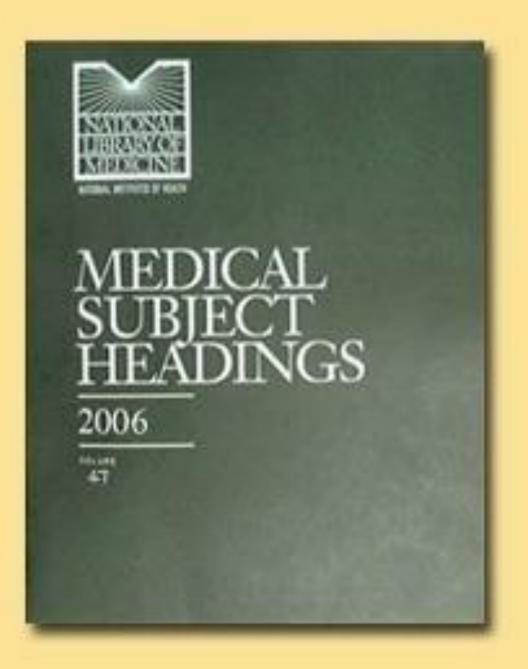


Ceccherelli F, Gagliardi G, Rossato M, Giron G.



MeSH Database

- · MeSH: Medical Subject Headings
- MeSH are the words designated by the indexer for all PubMed records
- The indexer uses the most relevant MeSH words that can properly describe the content of the article
- Usually an article can have several MeSH words



刻为器例大學圖書館 DUTHERN MEDICAL UNIVERSITY LIBRARY



MeSH term	Key words
Plants, Medicinal	Medicinal Herb, Pharmaceutical Plants Healing Plants, Medicinal Plants
Neoplasms	Neoplasm Tumors Tumor Cancer, carcinoma
Aspirin	Aspirin Acetylsalicylic Acid Micristin Solprin Solprin
Acupuncture Therapy	Acupuncture Therapy



U.S. National Library of Medicine





Search

Tree View

MeSH on Demand NEW



MeSH 2018

MeSH Suggestions

About MeSH Browser

Contact Us

Anatomy [A] •

Organisms [B] 3

Diseases [C] **O

Chemicals and Drugs [D] •

Analytical, Diagnostic and Therapeutic Techniques, and Equipment [E] •

Psychiatry and Psychology [F] •

Phenomena and Processes [G] •

Disciplines and Occupations [H] •

Anthropology, Education, Sociology, and Social Phenomena [I] •

Technology, Industry, and Agriculture [J] •

Humanities [K] €

Information Science [L] •

Named Groups [M] •

Health Care [N] •

Publication Characteristics [V] ◆

Geographicals [Z] •

MeSH are divided into 16 categories

Copyright, Privacy, Accessibility, Site Map, Viewers and Players U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894 National Institutes of Health, Health & Human Services, Freedom of Information Act









Search

Tree View

MeSH on Demand NEW

EW MeSH 2018

MeSH Suggestions

Anatomy [A] •

Organisms [B] •

Diseases [C]

Bacterial Infections and Mycoses [C01] 3

Virus Diseases [C02] €

Parasitic Diseases [C03] •

Neoplasms [C04] 3

Musculoskeletal Diseases [C05] €

Digestive System Diseases [C06] €

Stomatognathic Diseases [C07] •

Respiratory Tract Diseases [C08] •

Otorhinolaryngologic Diseases [C09] •

Nervous System Diseases [C10] €

Eye Diseases [C11] •

Male Urogenital Diseases [C12] 3

Female Urogenital Diseases and Pregnancy Complications [C13] •

Cardiovascular Diseases [C14] 3

Hemic and Lymphatic Diseases [C15] 3

Congenital, Hereditary, and Neonatal Diseases and Abnormalities [C16] •

Skin and Connective Tissue Diseases [C17] •

Nutritional and Metabolic Diseases [C18] •

Endocrine System Diseases [C19] •

Immune System Diseases [C20] €

Disorders of Environmental Origin [C21] •

Animal Diseases [C22] •

Pathological Conditions, Signs and Symptoms [C23] •

Occupational Diseases [C24] •

Chemically-Induced Disorders [C25] •

Wounds and Injuries [C26] •

Diseases





SOUTHERN MEDICAL UNIVERSITY LIBRARY

Anatomy [A] •

Organisms [B] •

Diseases [C] 3

Chemicals and Drugs [D] •

Analytical, Diagnostic and Therapeutic Techniques, and Equipment [E] 📀

Psychiatry and Psychology [F] •

Phenomena and Processes [G] •

Disciplines and Occupations [H]

Natural Science Disciplines [H01]

Biological Science Disciplines [H01.158] €

Chemistry [H01.181] •

Earth Sciences [H01.277] €

Materials Science [H01.413]

Mathematics [H01.548] •

Microtechnology [H01.570]

Nanotechnology [H01.603] •

Physics [H01.671] •

Science [H01.770] •

Health Occupations [H02]

Acupuncture [H02.004]

Allied Health Occupations [H02.010] €

Biomedical Engineering [H02.070]

Chiropractic [H02.110]

Dentistry [H02.163] •

Environmental Health [H02.229] •

Evidence-Based Practice [H02.249] •

Health Services Administration [H02.269]

Hospital Administration [H02.309]

Medical Illustration [H02.385]

Medicine [H02.403] ◆

Mortuary Practice [H02.438]

Nursing [H02.478] •

Nursing, Practical [H02.495]

Nutritional Sciences [H02.533] €

Optometry [H02.553]

Orthoptics [H02.573]

Pharmacology [H02.628] €

Pharmacy [H02.646] •

Disciplines and Occupations

Major MeSH

- When an indexer identifies a MeSH word for an article, he usually further analyzes whether it is the main argument or the secondary argument
- One way to limit the number of literature is to limit the retrieval to the major MeSH field, which means that although the number of literature is small, the content is more relevant

MeSH Subheadings

- A specific aspect of a MeSH word, such as:
 cost-effectiveness or adverse effects
- Users can select special subheadings according to the subject content. These subheadings are not only suitable for the MeSH words input by users, but also for other hyponyms of the MeSH words.



KEYWORDS: Dropout rates; efficacy; long-term weight loss drug; medication guidelines

PMID: 29024559 DOI: 10.1111/obr.12606

[Indexed for MEDLINE]







Publication types, MeSH terms, Substance

Publication types

Comparative Study

Review

Research Support, Non-U.S. Gov't

MeSH terms

Anti-Obesity Agents/pharmacology

Anti-Obesity Agents/therapeutic use*

Humans

Medication Adherence/statistics & numerical data

Models, Theoretical*

Obesity/drug therapy*

Practice Guidelines as Topic

Treatment Outcome

Weight Loss/drug effects*

Substance

Anti-Obesity Agents

LinkOut - more resources

A MeSH with different subheadings

Search the literature about "side effects of slimming drugs"

Slimming: diet, weight-loss, anti-obesity, weight management, keep fit……

> Drugs: drug, preparations, medication, agents

Capsules: pills, tablets.....



南方器仰大學圖書館

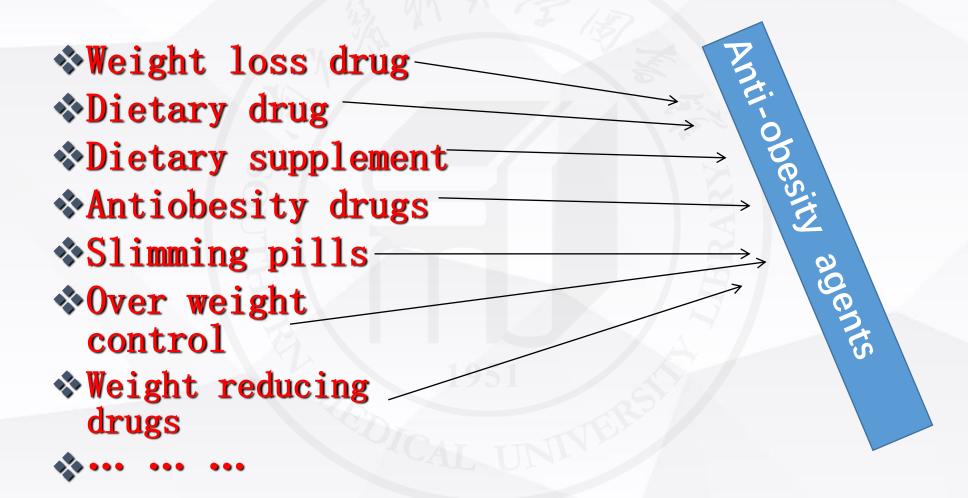


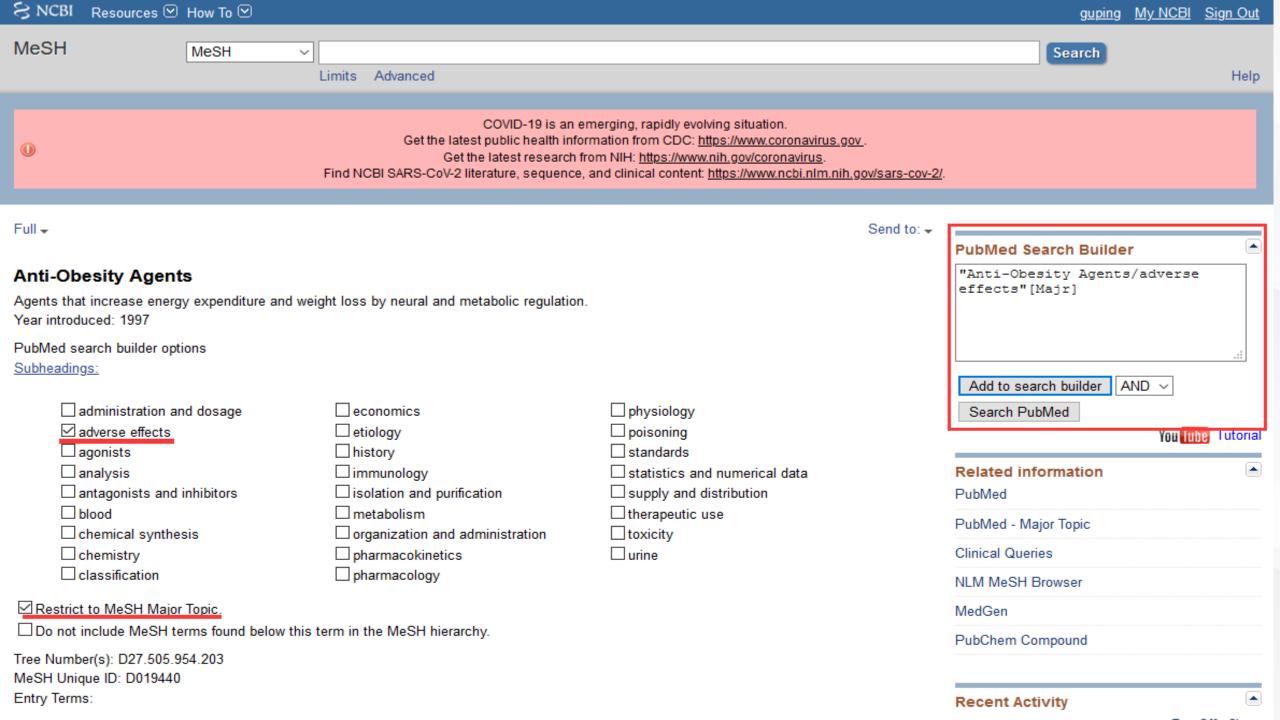
adverse effect, side effect, adverse reactions, chemically-induced adverse conditions, drug induced injury

> Hypotension, palpitation, palpitation and vertigo Vomiting, diarrhea Liver injury

> > • • • • •









"Anti-Obesity Agents/adverse effects"[Majr]



Search

Advanced Create alert Create RSS

User Guide

Save

Email

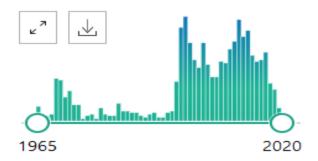
Send to

Sorted by: Most recent $\downarrow =$

Display options

MY NCBI FILTERS

RESULTS BY YEAR



TEXT AVAILABILITY

Abstract

Free full text

Full text

ARTICLE ATTRIBUTE

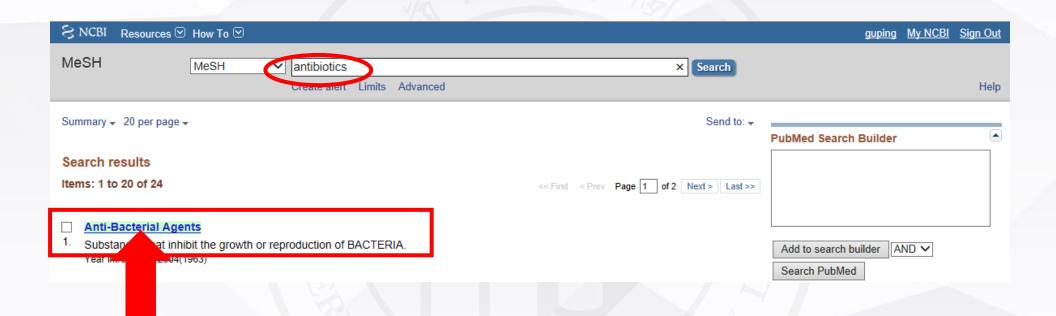
Associated data

ARTICLE TYPE

1,095 results

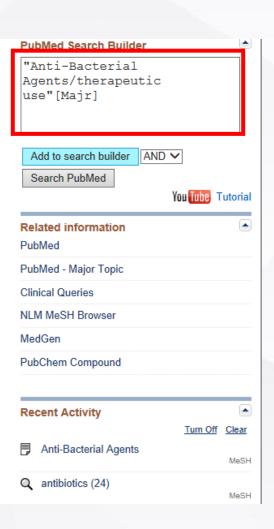
- Death from cardiac glycoside "pong-pong" following use as weight-loss
- supplement purchased on Internet.
- Cite Nordt SP, Hendrickson M, Won K, Miller MJ, Swadron SP, Cantrell FL.
- Am J Emerg Med. 2020 Aug;38(8):1698.e5-1698.e6. doi: 10.1016/j.ajem.2020.04.063. Epub 2020 Apr 21.
- Share PMID: 32387148
 - The limits and challenges of antiobesity pharmacotherapy.
 - 2 Gadde KM, Atkins KD.
- Cite Expert Opin Pharmacother. 2020 Aug;21(11):1319-1328. doi: 10.1080/14656566.2020.1748599. Epub
 - 2020 Apr 15.
- Share PMID: 32292094 Review.
 - When the Cause Is Not Crystal Clear.
 - 3 Forryan J, Mishra V, Gibbons E.
 - Cite N Engl J Med. 2020 Jan 2;382(1):74-78. doi: 10.1056/NEJMcps1809996.
 - PMID: 31893519 No abstract available.
- Share
 - Transient Hyperthyroidism following the ingestion of complementary medications

For example: search for the literature on the topic of "treating of earache with antibiotics" by MeSH

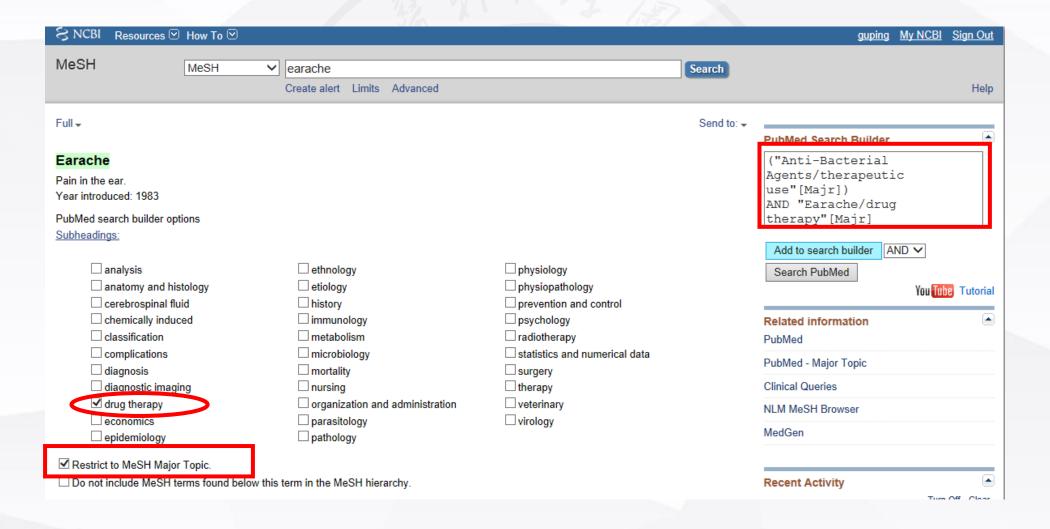


For example: search for the literature on the topic of "treating of earache with antibiotics "by MeSH

Anti-Bacterial Agents		
Substances that inhibit the growth or reproduction of BACTERIA.		
Year introduced: 2004(1963)		
PubMed search builder options		
Subheadings:		
administration and dosage	economics	☐ radiation effects
adverse effects	etiology	☐ radiotherapy
☐ agonists	history	secretion
analogs and derivatives	☐ immunology	standards
☐ analysis	isolation and purification	statistics and numerical data
antagonists and inhibitors	metabolism	supply and distribution
biosynthesis		surgery
□ blood	organization and administration	☑ therapeutic use
cerebrospinal fluid	pathogenicity	⊡≀tnerapy
☐ chemical synthesis	☐ pharmacokinetics	☐ toxicity
☐ chemistry	☐ pharmacology	□urine
classification	physiology	utilization
drug therapy	poisoning	☐ veterinary
☑ Restrict to MeSH Major Topic.		
☐ Do not include MeSH terms found below this term in the MeSH hierarchy.		
Tree Number(s): D27.505.954.122.085		
MeSH Unique ID: D000900		
Entry Terms:		
A . A #B		
Agents Anti-Racterial		



For example: search for the literature on the topic of "treating of earache with antibiotics "by MeSH





i-Bacterial Agents/therapeutic use"[Majr]) AND "Earache/drug therapy"[Majr]

Search

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User Guide

Save

Email

Send to

Sorted by: Most recent $\downarrow =$

Display options

MY NCBI FILTERS LA

All (12)

fopinions (0)

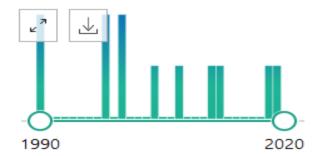
Free Full Text (6)

Full text (9)

Review (0)

show fewer

RESULTS BY YEAR



TEXT AVAILABILITY

Abstract

Free full text

12 results

- Pain management in acute otitis media: a qualitative study of parents' views and
 - expectations.

van Uum RT, Venekamp RP, Schilder AGM, Damoiseaux RAMJ, Anthierens S. Cite

BMC Fam Pract. 2019 Jan 23;20(1):18. doi: 10.1186/s12875-019-0908-9.

Share PMID: 30674279 Free PMC article.

- Pediatricians' attitudes in management of acute otitis media and ear pain in
- Turkev. 2
- Büyükcam A, Kara A, Bedir T, Gülhan B, Özdemir H, Sütçü M, Düzgöl M, Arslan A, Tekin T, Çelebi S, Kukul Cite

MG, Bayhan Gİ, Köşker M, Karbuz A, Çelik M, Kocabay Sütçü Z, Metin Ö, Karakaşlılar S, Dağlı A, Kara SS,

Share Albayrak E, Kanık S, Tezer H, Parlakay A, Çiftci E, Somer A, Devrim İ, Kurugöl Z, Dinleyici EÇ, Atla P.

Int J Pediatr Otorhinolaryngol. 2018 Apr;107:14-20. doi: 10.1016/j.ijporl.2018.01.011. Epub 2018 Jan 31.

PMID: 29501295 Clinical Trial.

- The SNAP treatment approach for children with acute otitis media.
- Mancini KD. Mandel ED.
- JAAPA. 2012 Feb;25(2):30-4. doi: 10.1097/01720610-201202000-00005. Cite

PMID: 22416551 No abstract available.

Share

MeSH's advantages

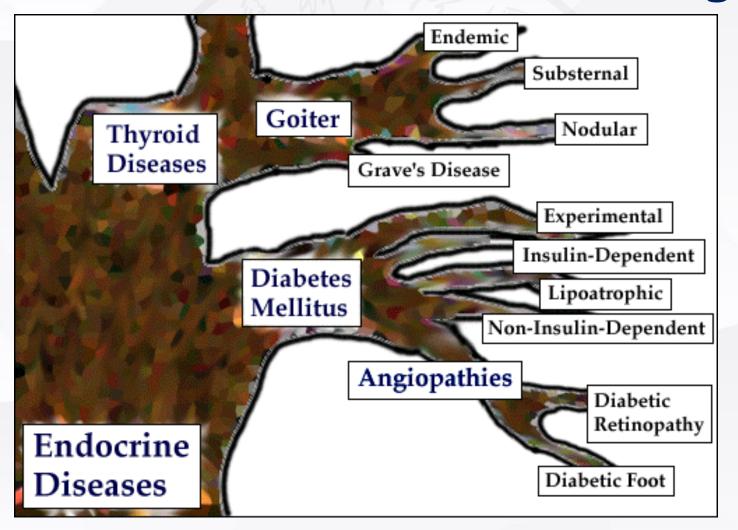
- ·different spelling: paediatric/pediatric
- ·synonym: tumor, tumour, cancer, neoplasm
- · homonyms: depression
- ·excluding irrelevant literature

MeSH's unique features

- explode: selecting MeSH headings and their more specific hyponyms for retrieval
- major Topic: MeSH is the main research content of this paper(*)
- subheadings



MEDLINE - MeSH Headings

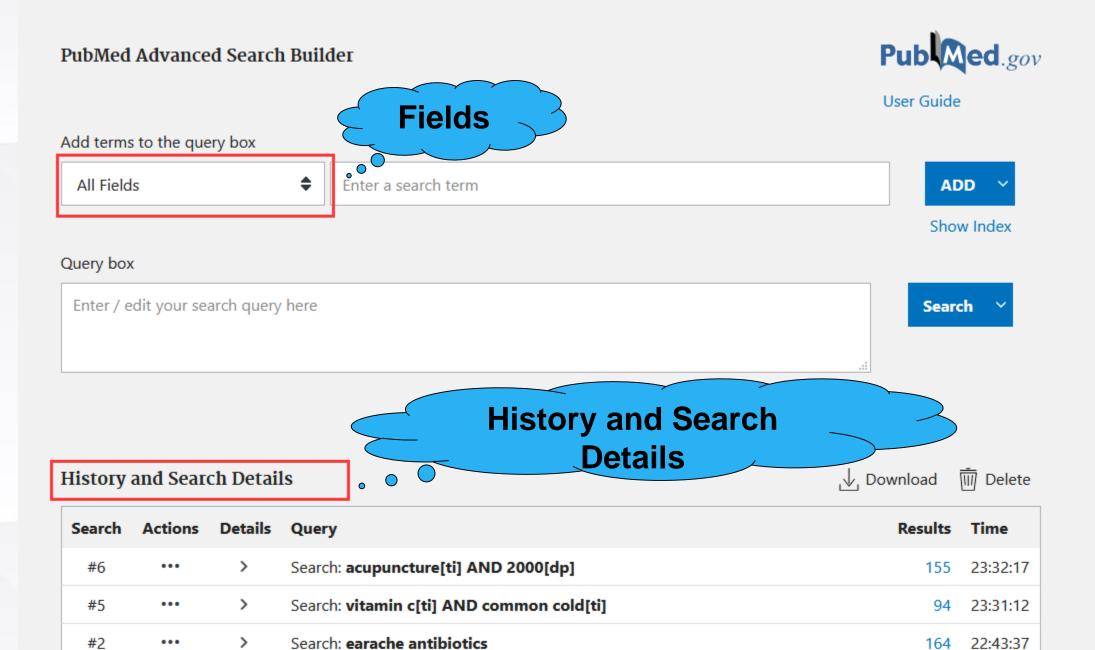






Advanced

- · Search Fields: building complex retrieval
- · History and Search Details





Truncation

- The character in PubMed is"*", which is used to find words
 with the same root (<150). If you enter cell *, you will
 find out articles containing cell, cellular, cellular, cellular
 and other contents
- Notice: after using the word truncation function, the MeSH automatic expansion and keyword matching function will be turned off





Author Searching

- · Used to find the literature written by a specific author
- Spelling format: the author's family name followed by the abbreviation of the given name, such as Smith BJ
- The full name of the author can be used to retrieve the literature published since 2002, but the traditional name writing method is needed when the first author is used for retrieval

Author Searching

- When the author field is selected, the retrieval scope includes:
- Author Corporate
- Author First
- Author Full (after 2002)
- Author Identifier
- Author Last



Author Searching

- If the author field identifier is added after the search term, such as foot [Au], the system only searches in the author field
- The author field search can be combined with other search terms by using the history function
- Use the author ID to find a unique author, such as ORCID [author identifier] or [auid]





Phrase Searching

·Use quotation marks to mark the phrase

```
"...", i.e. "glue ear"
```



Journals searching

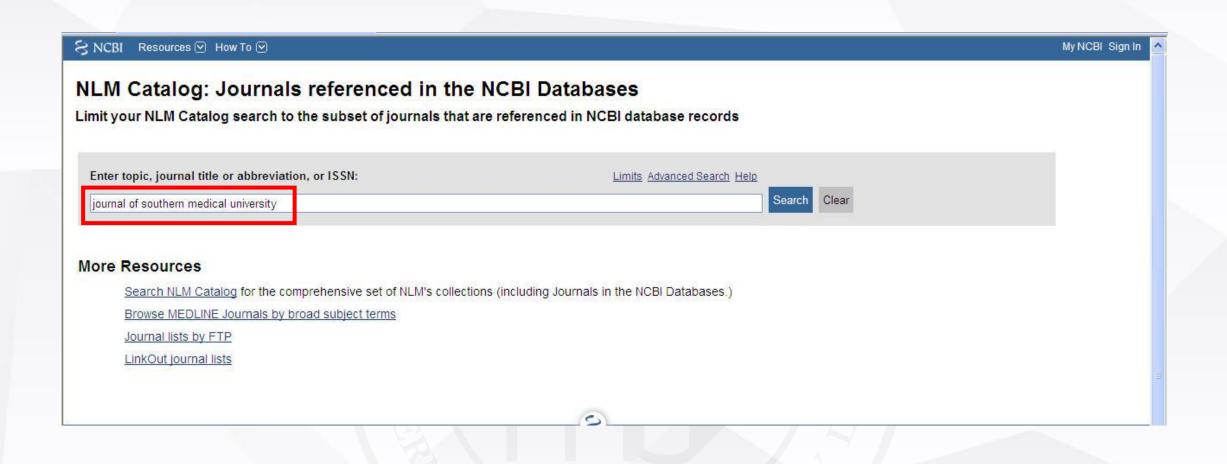
- · Used to search the literature in a specific journal
- The full name of the journal, abbreviation of MEDLINE or ISSN number of the journal can be used, such as:

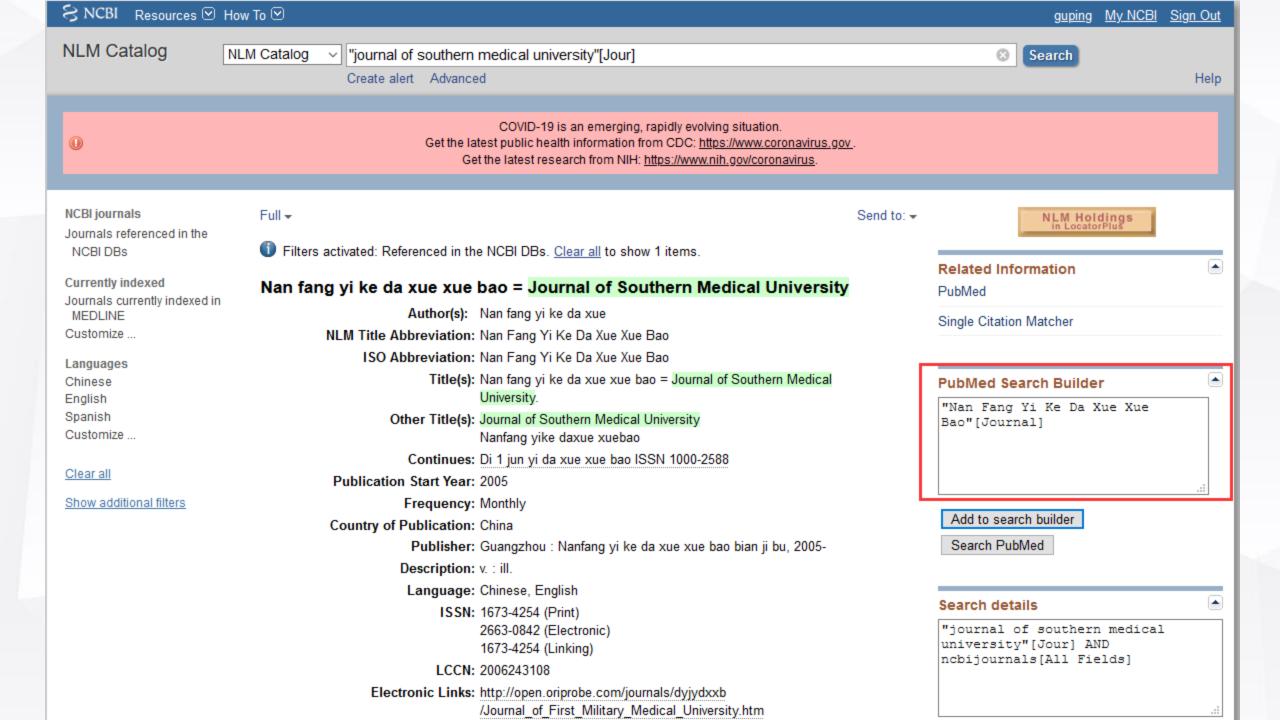
MOLECULAR BIOLOGY OF THE CELL(full name)

MOL BIOL CELL(abbreviation)

Journals in NCBI Database

• The field name of the journal should be added to the meaningful journal name, and the prompt system will only retrieve it as the journal name, such as CHEST [TA], BLOOD [TA] etc.







"Nan Fang Yi Ke Da Xue Xue Bao"[Journal]



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All (5,878)

f1000r (0)

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5,878 results

- [Effect of mindfulness meditation training on anxiety, depression and sleep
- 1 quality in perimenopausal women].

Xiao C. Mou C. Zhou X.

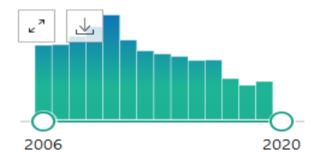
Nan Fang Yi Ke Da Xue Xue Bao. 2019 Aug 30;39(8):998-1002. doi:

10.12122/j.issn.1673-4254.2019.08.19.

PMID: 31511223 Free PMC article. Chinese.

66 Cite Share

RESULTS BY YEAR



TEXT AVAILABILITY

Abstract

[Effect of moderate exercise for 30 min at 30 min versus 60 min after dinner on
 glycemic control in patients with type 2 diabetes: a randomized, crossover, self-controlled study].

Li Z, Hu Y, Ma J.

Nan Fang Yi Ke Da Xue Xue Bao. 2018 Sep 30;38(10):1165-1170. doi:

10.3969/j.issn.1673-4254.2018.10.03.

PMID: 30377118 Free PMC article. Clinical Trial. Chinese.

66 Cite Share

[Hyaluronate acid for treatment of chondromalacia patellae: a 52-week follow-up

Cell research

Author(s): Zhongguo ke xue yuan Shanghai xi bao sheng wu xue yan jiu suo

Zhongguo ke xue yuan Shanghai sheng ming ke xue yan jiu yuan Sheng wu hua xue yu xi bao sheng wu

xue yan jiu suo

NLM Title Abbreviation: Cell Res

ISO Abbreviation: Cell Res.

Title(s): Cell research.

Related Title: Cell discovery

Publication Start Year: 1990

Frequency: Monthly, 2005-

Country of Publication: England

Publisher: Beijing, China: Science Press, 1990-

Latest Publisher: Basingstoke, England: Nature Publishing Group

Description: v.

Language: English

ISSN: 1001-0602 (Print)

1748-7838 (Electronic) 1001-0602 (Linking)

Coden: CREEB6

LCCN: sn 96039534

Electronic Links: https://www.ncbi.nlm.nih.gov/pmc/journals/1475

http://www.nature.com/cr

In: MEDLINE: v7n1,June 1997-PubMed: v7n1,June 1997-

Index medicus

PMC

Current Indexing Status: Currently indexed for MEDLINE.

Current Subset: Index Medicus

MeSH: Cells*

Broad Subject Term(s): Cell Biology

Publication Type(s): Periodical

Related Information

PubMed

Single Citation Matcher

PubMed Search Builder

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Q cell research[ti] (243)

NLM Catalog

Cell research[ti] AND (ncbijournals[All Fields]) (30)
NLM Catalog

Cell research[ta] AND (ncbijournals[All Fields]) (0)
NLM Catalog

Q cell research AND (ncbijournals[All Fields]) (127) NLM Catalog

China AND (nlmcatalog pubmed[subset] AND reportedmedline[All Fiel... (7 NLM Catalog

See m





Single Citation Matcher

- Used to search the literature with incomplete description information
- Users can find a specific document by matching the title, year of publication, volume number, issue number, home page and author name, etc.
- It should be noted that many journals are not included in MEDLINE



Exercise

•Find the literature and relevant information published in New England Journal of Medicine in 2006 by Professor Hou Fanfan from the Nanfang Hospital.



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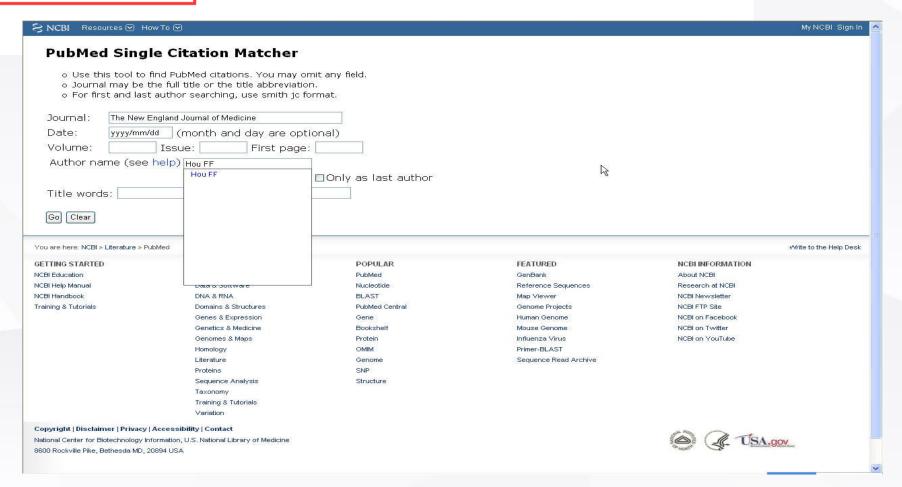
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Explore

MeSH Database Journals



the new england journal of medicine[Jour] AND Hou FF[author]



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Found 1 result for the new england journal of medicine[Jour] AND Hou ...

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Randomized Controlled Trial

N Engl J Med. 2006 Jan 12;354(2):131-40.

doi: 10.1056/NEJMoa053107.

Efficacy and Safety of Benazepril for Advanced Chronic Renal Insufficiency

Fan Fan Hou ¹, Xun Zhang, Guo Hua Zhang, Di Xie, Ping Yan Chen, Wei Ru Zhang, Jian Ping Jiang, Min Liang, Guo Bao Wang, Zheng Rong Liu, Ren Wen Geng

Affiliations – collapse

Affiliation

1 Renal Division, Nanfang Hospital, Southern Medical University, Guangzhou, China. ffhou@public.guangzhou.gd.cn

PMID: 16407508 DOI: 10.1056/NEJMoa053107

Abstract

Background: Angiotensin-converting-enzyme inhibitors provide renal protection in patients with mild-to-moderate renal insufficiency (serum creatinine level, 3.0 mg per deciliter or less). We assessed



ACTIONS





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Comment in



Clinical Queries

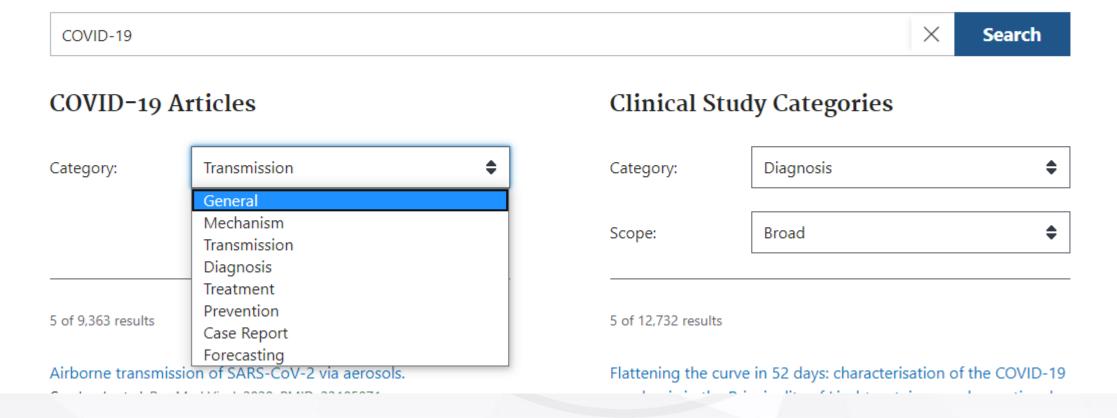
- PubMed provides clinical queries based on predesigned search strategy
- Among them, clinical queries using research methodology filters provide four types of research (therapy, diagnosis, genetics, prognosis) and two kinds of search emphasis (broad and narrow)

- Broad expanding the retrieval, it will also include some irrelevant literature although can increase the amount of relevant literature
- Narrow narrow search, it will also miss relevant literature although can exclude irrelevant literature

COVID-19 Articles

PubMed Clinical Queries

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







Similar Articles

- PubMed analyzes the weight values of the words in the title, abstract and MeSH fields to screen the information similar to the literature found in PubMed
- PubMed will produce a series of related literatures starting from a certain literature, and they are always listed in the first place

ABSTRACT Format



Similar articles

Optimising pain management in children with acute otitis media through a primary carebased multifaceted educational intervention: study protocol for a cluster randomised controlled trial.

van Uum RT, Venekamp RP, Sjoukes A, van de Pol AC, de Wit GA, Schilder AGM, Damoiseaux RAMJ.

Trials. 2018 Sep 17;19(1):501. doi: 10.1186/s13063-018-2880-4.

PMID: 30223903 Free PMC article. Clinical Trial.

Parents' beliefs and knowledge about the management of acute otitis media: a qualitative study.

Hansen MP, Howlett J, Del Mar C, Hoffmann TC.

BMC Fam Pract. 2015 Jul 7;16:82. doi: 10.1186/s12875-015-0297-7.

PMID: 26148678 Free PMC article.

Pain management in acute otitis media: a qualitative study exploring GPs' views and expectations parallel to a trial of an educational intervention.

van Uum RT, Sjoukes A, Venekamp RP, Schilder AG, de Groot E, Damoiseaux RA, Anthierens S.

BJGP Open. 2018 Oct 31;2(4):bjgpopen18X101620. doi: 10.3399/bjgpopen18X101620. eCollection 2018 Dec.

PMID: 30723805 Free PMC article.

Otitis media: an update on current pharmacotherapy and future perspectives.

Thomas NM, Brook I.

Expert Opin Pharmacother. 2014 Jun;15(8):1069-83. doi: 10.1517/14656566.2014.903920. Epub 2014 May 3.

PMID: 24793547 Review.

Antibiotics for the prevention of acute and chronic suppurative otitis media in children.

Leach AJ, Morris PS.

Cochrane Database Syst Rev. 2006 Oct 18;(4):CD004401. doi: 10.1002/14651858.CD004401.pub2.

PMID: 17054203 Review.



Filters



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earache antibiotics

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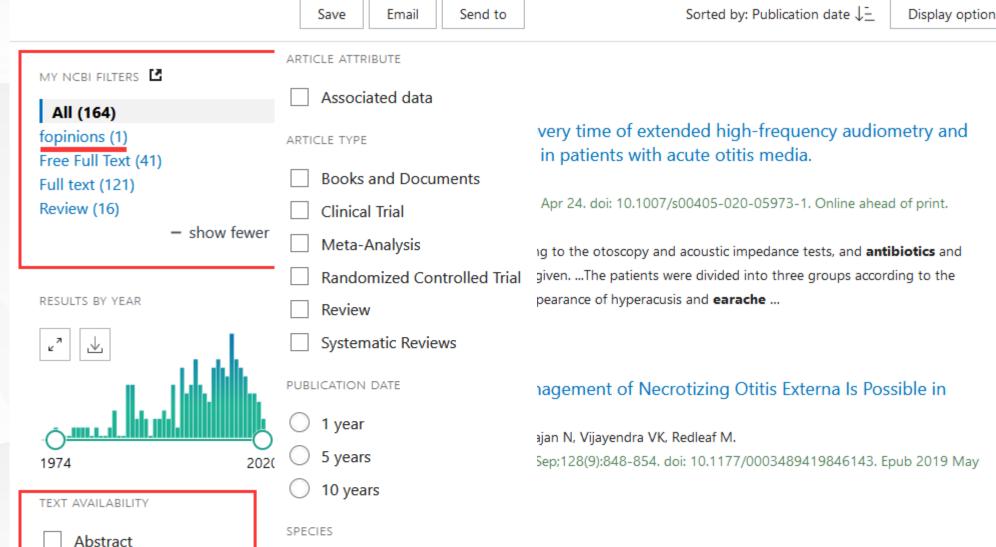
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Filters栏目



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> J Laryngol Otol. 2012 Mar;126(3):257-9. doi: 10.1017/S0022215111003215. Epub 2012 Jan 4.

Prospective Study of the Risk of Not Using **Prophylactic Antibiotics in Nasal Packing for Epistaxis**

C Pepper 1, S Lo, A Toma

Affiliations + expand

PMID: 22214602 DOI: 10.1017/S0022215111003215

Abstract

Background: There is wide variation in UK prescribing practice regarding prophylactic antibiotics for nere are few published cases of infective complications in

LinkOut - more resources

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Medical

MedlinePlus Health Information

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Confirmation

Prospective study of the risk of not using prophylactic antibiotics in nasal packing for epistaxis.

Pepper C

Lo S Toma A

Belfast Health and Social Care

Author affiliations

ARTICLE PUBLISHED: 2012 Mar

Trust

CITE AS: J Laryngol Otol. 2012 Mar; 126(3):257-259 https://doi.org/10.1017/S0022215111003215

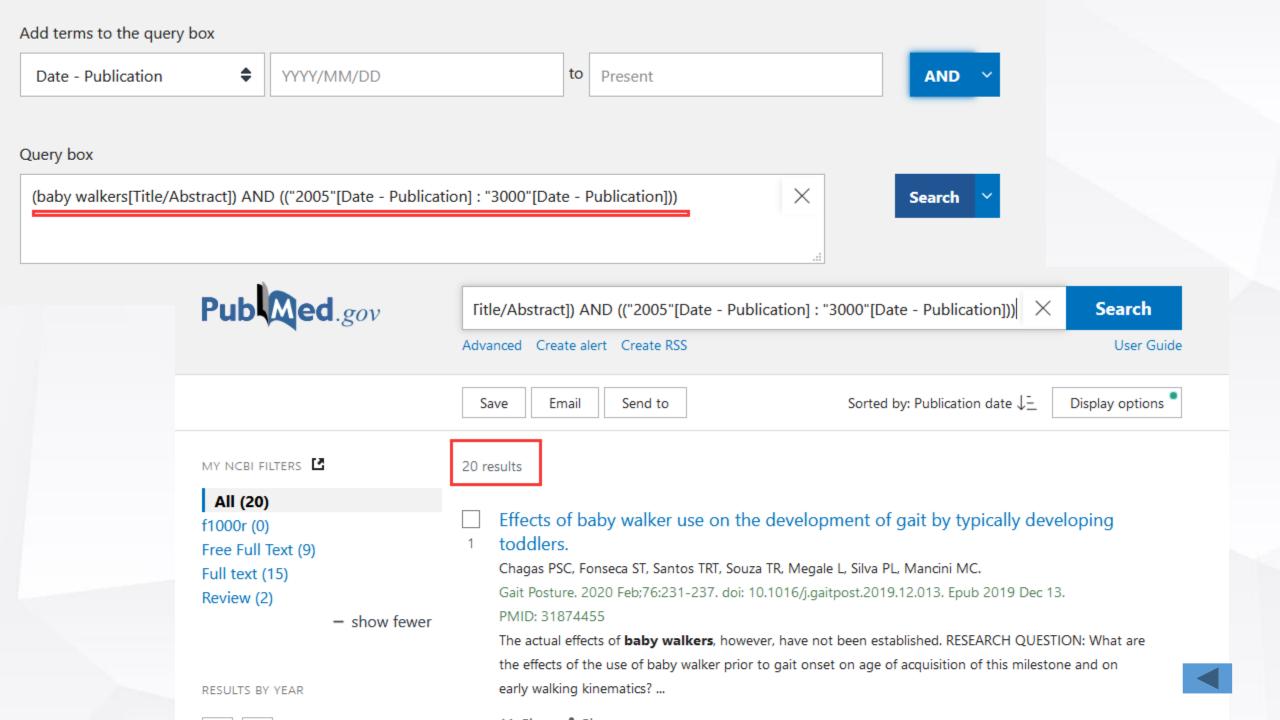
RECOMMENDATIONS ABSTRACT COMMENTS 26 Apr 2012 Rated * Good **Neil Bailie** Conor Jackson (1) **Faculty Member Associate Faculty Member** Otolaryngology / Otology / Otolaryngology / Otology / Vestibular/Audiology Vestibular/Audiology





Exercise

 Please find the literature with the topic of "baby walkers" in the title / abstract field published since 2005



Results processing



· Display settings: Summary, Abstract, MEDLINE

 Output: Send to File & My NCBI Collections, Saving from multiple searches, Email

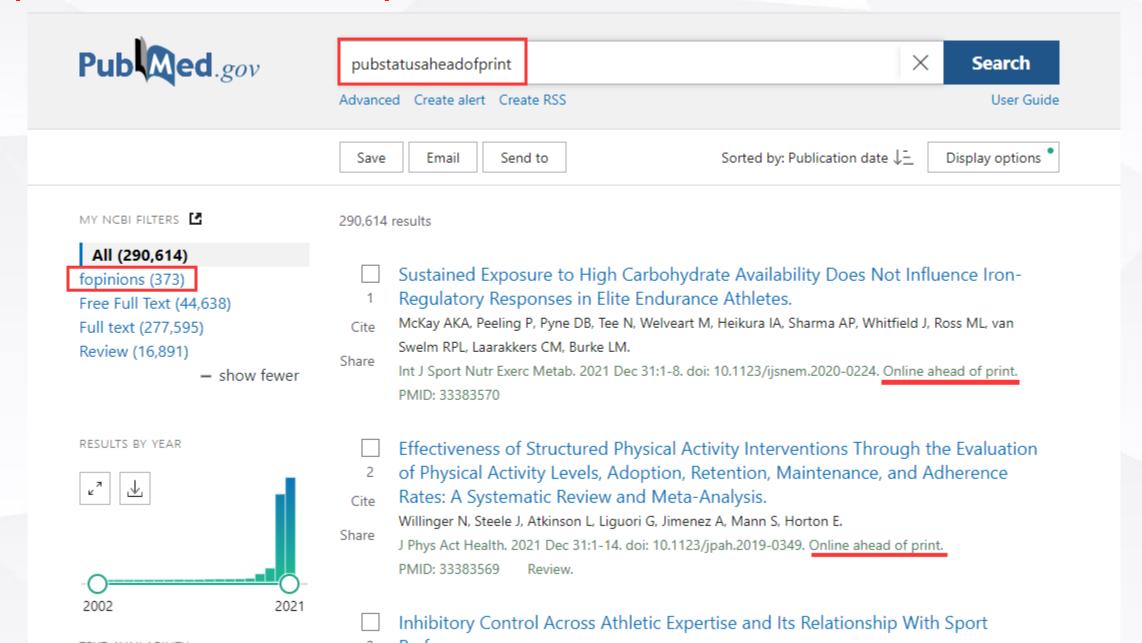


Results processing





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Abstract Display

- Contains all citation information: title + abstract (if any)
- If possible, it also includes icons for full text article retrieval and publication type(s)

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Home > Search Results > Study Record Detail

☐ Save this study

Benazepril for Advanced Chronic Renal Insufficiency



The safety and scientific validity of this study is the responsibility of the study sponsor and investigators. Listing a study does not mean it has been evaluated by the U.S. Federal Government. Read our disclaimer for details.

Sponsor:

Southern Medical University, China

Information provided by:

Southern Medical University, China

Study Details

Tabular View

No Results Posted

Study Description

Brief Summary:

The purpose of this study is to further determine whether benazepril, could safely slow the progression of renal dysfunction in non-diabetic patients with advanced renal insufficiency.

Condition or disease •	Intervention/treatment 19	Phase 6
Chronic Kidney Failure	Drug: Benazepril	Not Applicable

Study Design

Study Type 1: Interventional (Clinical Trial)

Allocation: Randomized

Intervention Model: Single Group Assignment

Masking: Double

ClinicalTrials.gov Identifier: NCT00270426

Recruitment Status 6: Terminated First Posted 6 : December 26, 2005 Last Update Posted 6 : May 5, 2006

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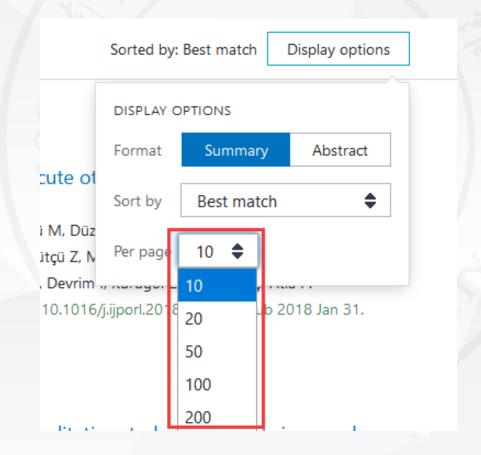
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PubMed Display

- Using two letters as field identifier to display citation information
- Mainly used for bibliographic database management, such as NoteExpress, EndNote, Reference Manager etc.
- · Full text link button not included

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·The default value of each screen is 10



Qs

 PubMed default search results page, the first must be the latest published article?





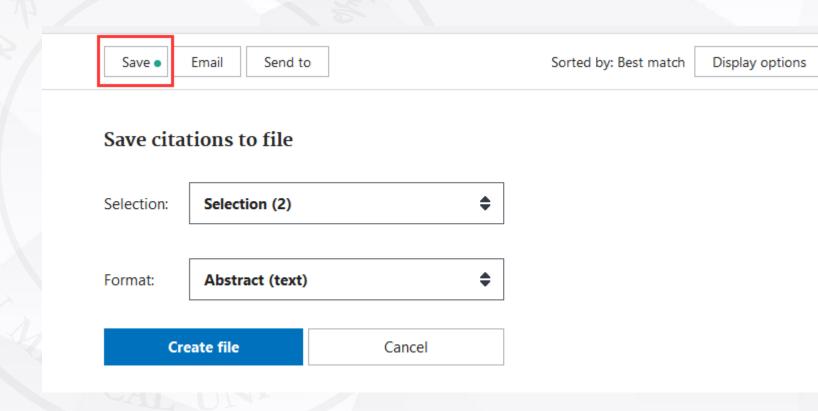


Output

- Select the document by clicking the check box on the left of each document to display, save and print;
- After selecting the literature, click the display options button to display only the selected literature.

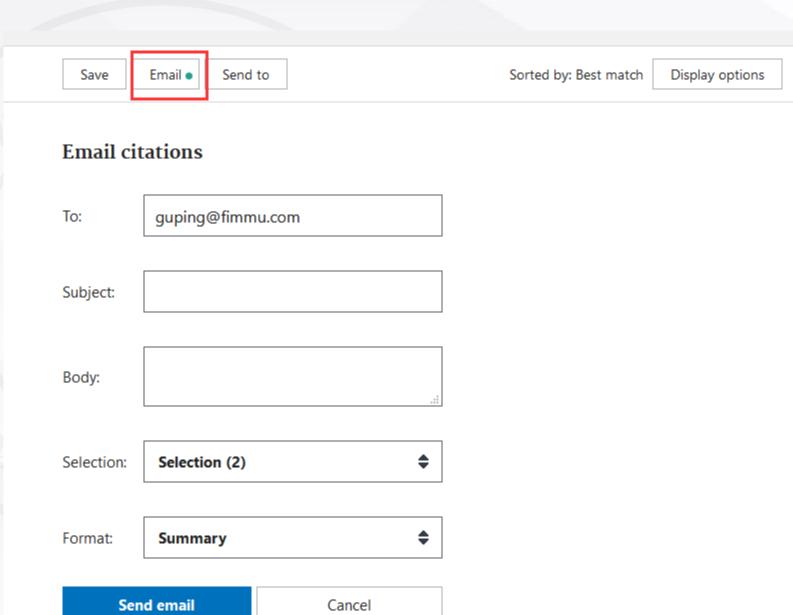
Save citations to file

- Select the Save button in the toolbar of the search results page;
- >You can save the selected literature.



Email

• In HTML format, the generated email will realize hyperlinks with PubMed database to facilitate users to further view abstracts, related articles and books of the same topic.



Saving from Multiple Searches

- · Select the Clipboard under send to;
- Users can put up to 500 records obtained from multiple retrieval operations into the Clipboard;
- If you want to browse the selected literature, click the Clipboard under the query box.

My NCBI Collections

- My NCBI is a user's personal use space in NLM computer system, which is used to store and retrieve personal use space, and to re filter the detected literature;
- To use my NCBI, users need to set their browser to accept cookies;
- · Need to register and log in;
- · Select collections under send to;
- Each user name can set up up to 100 folders;
- Each folder can store up to 1500 records;

My NCBI Filters

- Filters in my NCBI provide different types of filter conditions, which is convenient for users to browse the detected results according to the preset filter conditions.
- In any search result page, users can enter the filter selection interface by clicking the MY NCBI FILTERS link in the upper left corner of the screen.



Strategy saving



- · Search Details
- · My NCBI Create Alert



Search Details

- Displaying the detailed process of key word conversion matching operation;
- Used to transform and determine standard words, such as:
 liver cancer liver neoplasms;
- · Used to modify the retrieval strategy.

Advanced: Search Details

History and Search Details





Search	Actions	Details	Query	Results	Time
#1 •••	•••	~	Search: earache antibiotics Sort by: Publication Date (("earache"[MeSH Terms] OR "earache"[All Fields]) OR "earaches"[All Fields]) AND ((((((("anti bacterial agents"[Pharmacological Action] OR "anti-bacterial agents"[MeSH Terms]) OR ("anti bacterial"[All Fields] AND "agents"[All Fields])) OR "anti bacterial agents"[All Fields]) OR "antibiotic"[All Fields]) OR "antibiotics"[All Fields]) OR "antibiotics"[All Fields]) Translations	164	05:14:35
		earache: "earache"[MeSH Terms] OR "earache"[All Fields] OR "earaches"[All Fields]			
			antibiotics: "anti-bacterial agents"[Pharmacological Action] OR "anti-bacterial agents"[MeSH Terms] OR ("anti-bacterial"[All Fields] AND "agents"[All Fields]) OR "anti-bacterial agents"[All Fields] OR "antibiotic"[All Fields] OR "antibiotics"[All Fields] OR "antibiotic's"[All Fields] OR "antibiotical"[All Fields]		

My NCBI Create Alert

- Each search result page has a Create Alert link, and the search form will be saved in saved searches after clicking
- Saved Collections in my NCBI can save retrieval results for a long time; Saved searches can save search form for a long time

My NCBI Create Alert

 Allowed to receive the results of automatic updating of these retrieval methods by email every month, every week or every day, which greatly facilitates the user's demand for regular retrieval of topics.





There are three ways to obtain full text in PubMed

•First, activate the links to free full text or links to full text selection box in Filters column to directly find out the records with full-text links;



There are three ways to obtain full text in PubMed

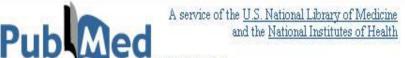
 Second, in my NCBI filters, select free full text, full text, free registration required or free resources provided in miscellaneous under Linkout;



There are three ways to obtain full text in PubMed

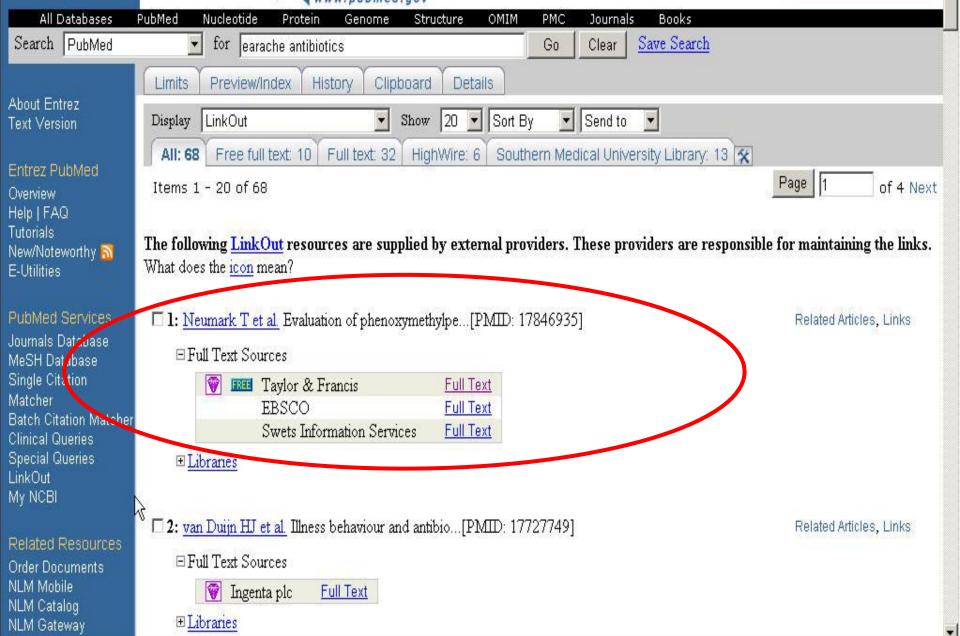
- Third: for the detected records in PubMed, click the Linkout link under the record to view the Electronic Fulltext resources arranged under full text sources.
- As long as there are ordered full-text databases in your institution, such as ScienceDirect, Ovid, Blackwell, ProQest, EBSCO and SpringerLink, the full-text of the records can be directly obtained through PubMed.

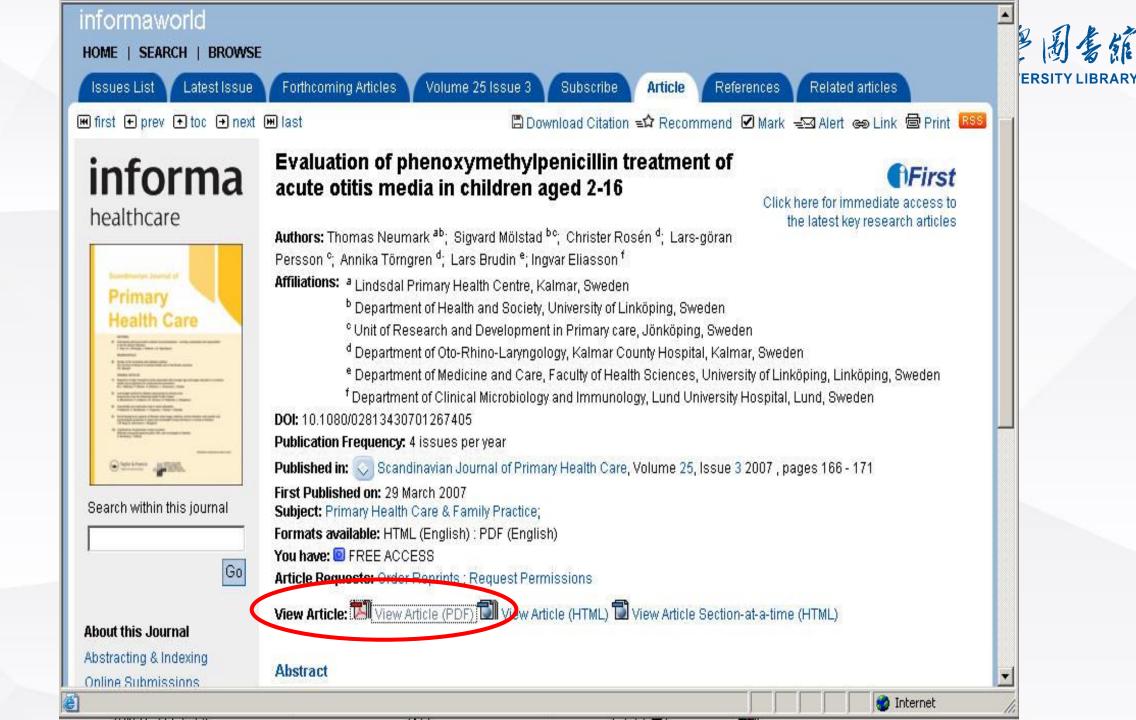












PMC (PubMed Central)

- >In 2000, NLM built a free literature storage platform: at the beginning, there were only PNAS and Molecular Biology of the Cell Journal;
- >On March 11, 2009, U.S. President Barack Obama signed the 2009 consolidated appropriation act, which includes making the mandatory public access policy of NIH permanent. The policy requires that the full text of peer-reviewed final version papers produced by NIH funded research should be provided with free online access and retrieval through PMC within 12 months after publication. This Act provides a fundamental policy guarantee for the quantity and quality of PMC's resources.

PMC (PubMed Central)

- >Subject fields include biomedicine, behavioral science and clinical research, and provide full-text services for free;
- The full texts published in about 3000 journals are provided free of charge.

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PMC

PubMed Central® (PMC) is a free full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM).



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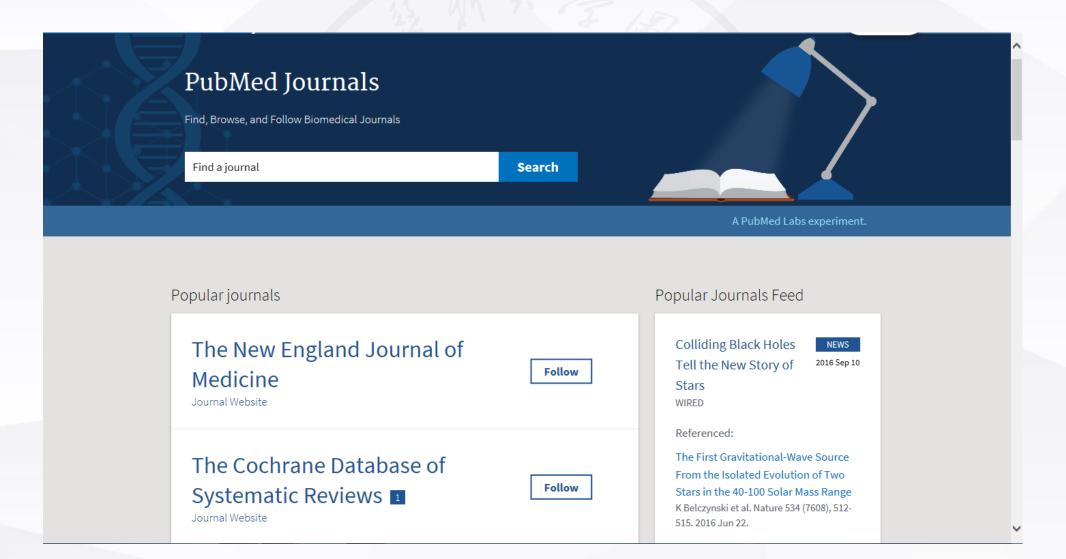
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- Search the information closely related to health medicine in the world at any time;
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- Be able to search by means of text words,
 subject words, journal names, authors, etc;



- Through the powerful link function, it is convenient for users to find relevant subject information and obtain full-text information;
- · Provide the search restriction function (filters);
- · Can search phrases and cut words;



- Can search a specific document included in the system;
- · Provide a variety of results display formats;
- Provide a variety of results output methods;
- The retrieval formula can be saved and the retrieval history can be viewed;



- · Can browse the search results by category;
- The retrieval topics can be updated automatically on a regular basis;
- Can obtain Evidence based medicine information.

