

医学文献数据库检索及实践



序号	内容安排	主讲老师	序号	内容安排	主讲老师
1	课程介绍及图书馆资源	毛杰利	7	常用生物医学专业数据库 及生物信息学资源介绍	毛杰利
2	常见信息源及检索基础	赵培	8	专利基础知识及专利信息 获取	张雪娟
3	中文医学文献检索	张素芳	9	发现系统、全文传递及搜 索引擎	何燕
4	PubMed医学文献数据 库检索及实践	毛杰利	10	文献管理软件EndNote	樊亚芳
5	WOS平台检索及实践	李琛	11	课程汇报	毛杰利
6	Scopus&EI文摘数据库 利用	丁丽华	12	课程汇报	毛杰利

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1.1 文摘库简介

- 文献数据库主要包括文摘数据库、全文数据库和引文数据库,其中文摘数据库提供 文献的题名、作者、出处(包括刊名、年、卷、期、页码)、摘要和作者地址等信息。同时对文献的内部特征进行摘要性描述的检索工具。属于二次文献数据库。
- 收录文献较全面,检索界面比较友好,提供较多的检索方法和技巧,如主题检索、 药物检索、作者检索和高级检索等,使用一定检索方法检索到的某领域的文献量精 准和齐全。有助于科研人员快速检索科技情报资料,了解动态、节约获取一次文献 的时间。
- 目前较多文摘数据库也提供全文链接,如PubMed提供文献的全文链接。 来自薛晓芳,郝继英,陈锐主编.生物医药信息检索与利用[M].2015

按文献加工的深度,可分为:

ORIGINAL ARTICLE

大小村 ノンド ノベス 朝春期 中国 一十四 第二天 川谷 第三天 一部一部長大部門奏送法主管委務等度兵外 百日累上的方法去 一方子素的信息因果下来。5月月 し、小川月川日起長が成月月天夕高度から、 東京朝、小市 の大 一下で ブメ うべつ 我们 宇政 动行 奉政 动行 常秋 建品的装置 计模式式影响生时刻全部行动 民國法書嚴重為暴於 6-8日外等(所於)周史的教生 時的影響愛会演奏和空風必可以及地力の 第4年前前马下东关于1000月 很多的小的状态。 四月四部末, 法法法的正定现还不能得到 Brank at the she and the mark is a bi 日本語をかめ きりの月山日を用いるた 水をが生物 后人,任于西日出版草水州不管外之,和小、南川、南 用物理を操作成水和見不能接持、同時別的時に

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Call Research (2016) 28:34-45 6:2016 IBCB, SIBS, CAS All rights resolved 1001-060216 \$32.00 www.rolate.com/r

Pluripotent stem cells induced from mouse neural stem cells and small intestinal epithelial cells by small molecule compounds

Junqing Ye^{1,2}*, Jian Ge^{1,2}*, Xu Zhang^{1,3}, Lin Cheng^{1,2}, Zhangyuan Zhang^{1,3}, Shan He^{1,2}, Yuping Wang⁴, Hua Lin⁴, Weifeng Yang⁵, Junfang Lin^{1,2}, Yang Zhao^{1,2,3}, Hongkui Deng^{1,2}

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一次文献

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文献	研究人员
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二次文献

たないのであった。 たまでは、 までは、 までは、

- 源头创新能力具有积极意义,对推动手术研究与转化的模式创新具有重要价值。 关键词: 虚拟手术 医学部像处理; 个性化人体建铁 交互现象伤页; 虚拟李生人体;
- 基金资助: 国家自然科学基金项目 (62172437,6187070137) 资助;
- DOI: 10.16262/j.cnki.1000-8217.2022.02.031

中国科学課金 2022 36(02) 北大勝心 CSSCI CSCD

- **专钮:** 基础科学, 医药卫生科技, 信息科技
- **专题:** 医学教育与医学边缘学科; 计算机软件及计算机应用





综述、专题评述等

未出版发行的最原始文 献,如科研生产中未经 整理的原始记录……

零次文献

原始文献,如期刊论文、 学位论文、会议文献 等……

对一次文献的外部特征整 理、浓缩、提炼并按顺序 加以编排,使一次文献系 统化便于利用,如文摘库 目录库.....

1.2生物医学领域中的文摘数据库

1.2生物医学领域中的 文摘数据库

美国全科医学文献数据库(Medline、PubMed)

- MEDLINE数据库网址: https://www.webofscience.com/wos/medline/basic-search
- MEDLINE数据库简介: MEDLINE是美国国家医学图书馆 (National Library of Medicine, NLM) 编辑 出版的国际综合生物医学信息书目数据库,是当今世界上最大也是最权威的生物医学文献数据库之一。其 中包含超过 2900 万篇生命科学期刊的文献,重点关注生物医学。MEDLINE 的一个显着特点是,它的记 录使用 NLM 医学主题词 (MeSH) 进行索引。

MEDLINE数据库特点:

- 起源: MEDLINE 是起源于 1964 年的医学文献分析和检索系统 (MEDLARS) 的在线对应版本。
- 文献的遴选: 文献选择技术审查委员会 (LSTRC) 推荐入选 MEDLINE。
- 收录时间范围:从 1966 年至今出版的文献,以及该时期之前的选定文献范围。有关 1966 年之前引文的详细信息,请参阅 OLDMEDLINE 数据。
- 资料来源: 全球 5,200 多种期刊的引用, 大约 40 种语言。
- 数据更新:每天
- 学科覆盖范围: MEDLINE 的学科范围是生物医学和健康,广泛定义为涵盖卫生专业人员所需的生命科学、 行为科学、化学科学和生物工程领域,以及其他从事基础研究和临床护理、公共卫生、卫生政策制定或 相关教育活动的人员。MEDLINE 还涵盖对生物医学从业者、研究人员和教育工作者至关重要的生命科 学,包括生物学、环境科学、海洋生物学、植物和动物科学以及生物物理学和化学等方面。

官网介绍: https://www.nlm.nih.gov/medline/medline_overview.html

美国全科医学文献数据库(Medline、PubMed)

- PubMed数据库网址: https://pubmed.ncbi.nlm.nih.gov/
- PubMed数据库简介: PubMed系统是由美国国家医学图书馆(National Library of Medicine, NLM) 的国家生物技术信息中心(National Center for Biotechnology Information, NCBI)开发研制的 一个医学文献网络数据库。该库以MEDLINE数据库内容为基础,进一步扩大收录范围,提高报道速度, 并于 1997年6月开始免费向全球因特网用户提供服务,部分文献还可免费获取原文。

PubMed数据库内容包括MEDLINE,以及下面内容:

- In Process Citations: 正在被加工标引的文献,这些记录或者被 MeSH 索引,或者转换为超出范围状态。PubMed中经MeSH词表标引后的完整记录会转入MEDLINE数据库。
- 某些 MEDLINE 期刊(主要是general science and general chemistry journals)范围外文章(例如, 涵盖板块构造学或天体物理学),其中只有生命科学文章被 MeSH 索引。
- "Ahead of Print" citations: 在文章最终发表在 MEDLINE 索引期刊之前的"打印前"引用。
- 期刊被选为 MEDLINE 索引日期之前的文献(当出版商以电子方式提供时)。
- 尚未使用当前 MeSH 更新并转换为 MEDLINE 状态的 1966 年之前的文献。
- 对一些向 PMC提交全文并接受 NLM qualitative review的其他生命科学期刊的引用。
- NIH 资助的研究人员发表文章的手稿。
- NCBI Bookshelf: Bookshelf 是与生物医学、健康和生命科学相关的书籍、报告、数据库和其他文件的 全文档案。

PubMed

About the Content

Citations in PubMed primarily stem from the biomedicine and health fields, and related disciplines such as life sciences, behavioral sciences, chemical sciences, and bioengineering.

PubMed facilitates searching across several NLM literature resources:

MEDLINE

MEDLINE is the largest

component of PubMed and consists primarily of citations from journals selected for MEDLINE; articles indexed with MeSH (Medical Subject Headings) and curated with funding, genetic, chemical and other metadata.

PubMed Central (PMC)

Citations for PubMed Central (PMC) articles make up the second largest component of PubMed.

PMC is a full text archive that includes articles from journals reviewed and selected by NLM for archiving (current and historical), as well as individual articles collected for archiving in compliance with funder policies.

Bookshelf

The final component of PubMed is citations for books and some individual chapters available on Bookshelf.

Bookshelf is a full text archive of books, reports, databases, and other documents related to biomedical, health, and life sciences.

官网介绍: https://www.nlm.nih.gov/bsd/difference.html



Home > MEDLINE/PubMed Resources

MEDLINE, PubMed, and PMC (PubMed Central): How are they different?

PubMed has been available since 1996. Its more than 34 million references include the MEDLINE database plus the following types of citations:

- In-process citations, which provide records for articles before those records are indexed with MeSH or converted to out-of-scope status.
- Citations to articles that are out-of-scope (e.g., covering plate tectonics or astrophysics) from certain MEDLINE journals, primarily general science and general chemistry journals, for which only the life sciences articles are indexed with MeSH.
- "Ahead of Print" citations that precede the article's final publication in a MEDLINE indexed journal.

- Citations that precede the date that a journal was selected for MEDLINE indexing (when supplied electronically by the publisher).
- Pre-1966 citations that have not yet been updated with current MeSH and converted to MEDLINE status.
- Citations to some additional life sciences journals that submit full text to PMC® (PubMed Central®) and receive a qualitative review by NLM.
- Citations to author manuscripts of articles published by NIH-funded researchers.
- Citations for the majority of books available on the NCBI Bookshelf (a citation for the book and in some cases each chapter of the book).

OLDMEDLINE出版物历史

1956年QCIM stop

1879年 IM 外科医生办公室图书馆开始出版世界医学期刊文献索引

1916年 QCICL 美国医学协会 当前文献季度累积索引

1927年 QCIM IM和QCICL同时出版,直到1927年,它们合并形成了QCIM。 1,165 种期刊

1941年 CLML 国家医学图书馆 医学期刊内容的每周清单

1957-1959年 CLML 1956年, QCIM第60卷停止出版。1957-1959年的医学文献 被CLML覆盖。

1960-1965年 CIM CLML被CIM取代 从1960年1月开始,这两份出版物都被CIM取代。



MEDLINE 日期覆盖范围已扩大到包括来自两个附加印刷索引的期刊文章引用: 累积索引 医学 (CIM) 和当前医学文献列表 (CLML)。这些索引的引用始于 1946 年。

https://www.nlm.nih.gov/medline/medline_history.html

OLDMEDLINE DATA

OLDMEDLINE 1946-1959年 CLML 1960-1965年 CIM

1946-1956年 QCIM

必须手动检索 QCIM 印刷索引, 以确保全面回顾 1946 年至 1956 年的世界医学期刊文献。

PubMed®中的OLDMEDLINE子集表示来自两个印刷索引的期刊文章 引用:累积索引医学 (CIM)和当前医学文献列表 (CLML)。

1.2生物医学领域中的 文摘数据库

荷兰生物医学文摘数据库(Embase)

- Embase数据库网址: https://www.embase.com
- Embase数据库简介: Embase 是爱思唯尔 (Elsevier) 推出的针对生物医学和药理学领域信息的网络数据检索服务。
- Embase是全球最大最具权威性的生物医学、药理学文摘数据库,以及全球最大的医疗器械数据库 之一。前身为著名的"荷兰医学文摘"。《医学文摘》1946年开始出版,1972年并入Elsevier科学 出版社。
- Embase将荷兰医学文摘 (EMBASE,1974年以来) 与MEDLINE (1950年以来) 的记录相结合。
- Embase包含全部Medline的内容,共计涵盖8600种期刊以及7000多个会议超过295万条的会议摘要(从2009年),其中2900种期刊在Medline中无法检索到。覆盖各种疾病和药物信息,尤其涵盖了大量北美洲以外的(欧洲和亚洲)医学刊物。从而真正满足生物医学领域的用户对信息全面性的需求。Embase数据库每天以增加超过6,000条记录更新,内容的年增长率超过6%。Embase纳入最新综合性循证内容与详细生物医学索引,确保搜索到的所有生物医学循证都是重要实时相关信息。

荷兰生物医学文摘数据库(Embase)

- ●编辑出版单位: Elsevier
- 数据来源: Embase + Medline
- ●标引词表: Emtree
- 收录范围: 来自95个以上国家的8500多种同行评议期刊
- 学科范畴: 生物医学综合学科, 在药学、公共卫生及医疗
- 器械等方面的文献比PubMed更突出
- ●回溯时间:1947年至今

1.2生物医学领域中的 文摘数据库

美国生物学文摘数据库(BIOSIS Previews)

- BIOSIS Previews数据库简介:美国《生物学文摘》生物科学信息服务社(BIOSIS)推出的世界上最大的有关生命科学的文摘和索引数据库之一,由Biological Abstracts(BA), Biological Abstracts/ RRM (Reports, Reviews and Meetings)整合而成。
- 收录了来自5,500多种期刊和其他非期刊来源的文献信息
 包括:报告、评论、会议论文集、专利等等
- 内容覆盖 生物学、生物化学、生物技术、植物学、临床医学、药理学、动物学、农业科学、兽医学等生命科学相关领域。数据每周更新并一直回溯到1926年,每年新增数据量超过83万条。

1.2 生物医学领域中的 文摘数据库

美国化学文摘数据库(SciFinder)

- 数据库简介: SciFinder®由美国化学会(American Chemical Society, ACS)旗下的美国化学文摘社(Chemical Abstracts Service, CAS)出品,是一个研发应用平台,提供全球最大、最权威的化学及相 关学科文献、物质和反应信息。
- SciFinder整合了Medline医学数据库、欧洲和美国等50几家专利机构 的全文专利资料、以及化学文摘1907年至今的所有内容。它涵盖的学 科包括应用化学、化学工程、普通化学、物理、生物学、生命科学、医 学、聚合体学、材料学、地质学、食品科学和农学等诸多领域。它可以 透过网络直接查看"化学文摘"1907年以来的所有期刊文献和专利摘 要;以及八千多万的化学物质记录和CAS注册号。SciFinder收录的文 献类型包括期刊、专利、会议论文、学位论文、图书、技术报告、评论 和网络资源等。

1.2 生物医学领域中的 文摘数据库

Web of Science [™] 核心合集 影响力的学术期刊,内容涵盖自然科学、 工程技术、生物医学、社会科学、艺术 与人文等领域,最早回溯至1900年。						
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H						
科学	社会科学	艺术和人文	科学	社 会 科 学 、 艺 术 和 人 文		
Science Citation Index Expanded (1900-至今) SCIE	Social Sciences Citation Index (1900-至今) SSCI	Arts & Humanities Citation Index (1975-至今) A&HCI	Conference Proceedings Citation Index- Science (1990-至今)	Conference Proceedings Citation Index- Social Science & Humanities (1990-至今)	 深度的跨学科综合学术信息 全球及具有区域代表性的研究成果 交叉前沿领域的相关研究成果 	
Book Citation Index– Science (2005-至今)	Book Citation Index– Social Sciences & Humanities (2005-至今)	Emerging Sources Citation Index (2005-至今) ESCI	Current Chemical Reactions (1985-至今) (包括 Institut National de la Propriete Industrielle 化 学结构数据, 可回溯至 1840 年)	Index Chemicus (1993-至今)	 全世界学术群体之间的合作与交流 潜在的合作研究者和深造机会 相关领域内的学术期刊 	
		▲ 新兴科学				

3 书籍引文索引 BCI



5 化学索引

Science Citation Index Expanded (SCI-EXPANDED)

---1900年至今

收录了自然科学、工程技术、生物医学领域 内170多个学科的8700多种高质量学术期刊。



1.2 生物医学领域中的 文摘数据库

中国生物医学文献服务系统(SinoMed)

- 提供商:中国医学科学院医学信息研究所
 简介:由中国医学科学院医学信息研究所/图书馆开发,整合了中国生物医学文献数据库(CBM)、西文生物医学文献数据库(WBM)、协和医大博硕学位论文数据库等多种资源,是集检索、开放获取、个性化定题服务、全文传递服务于一体的生物医学中外文整合文献服务系统。
- SinoMed涵盖资源丰富、专业性强,能全面、快速反映国内外生物医学领域研究的新进展。现整合了中国生物医学文献数据库(CBM)、西文生物医学文献数据库(WBM)、中国医学科普文献数据库、北京协和医学院博硕学位论文数据库、日文生物医学文献数据库、俄文生物医学文献数据库、英文文集汇编文摘数据库、英文会议文摘数据库8种资源,学科范围广泛,年代跨度大,更新及时。

│ 😡 学术分析 📶 统计报告 🕘 临床医学知识库 🛛 👘 👘 市民学知识库							
SinoMed 中国生物医学文献服务系统 专注医学	学			8 ? 我的空间 帮助中心			
▲ 首页	引文检索	期刊检索	文献传递	数据服务			
全部 中文文献							
輸入检索词							
■新冠肺炎(COVID-19)专题 more	■ 最新文章	more	最新动态	more			
• 抗SARS-CoV-2 N蛋白单克隆抗体的制备与鉴定	• 中国妇幼保健 (283)		• 2022-07-08,西文生物	医学文献数据库题录更新171288篇。			
• "后疫情时期" 男同性恋人群艾滋病防治认知与行为研究	• 中华医学杂志 (128)		• 2022-07-01,西文生物	医学文献数据库题录更新102658篇。			
•新型冠状病毒肺炎疫情防控中加强预检分诊管理实践探讨 •中华中医药杂志(126)			• 2022-06-26, 西文生物医学文献数据库题录更新398419篇。				
• 新型冠状病毒肺炎疫情期间采供血机构的应急献血服务管理	• 中国针灸 (115)		• 2022-06-20,西文生物	医学文献数据库题录更新1087887篇。			
 组织支持感在新型冠状病毒肺炎疫情防控护理人员职业韧性与创伤 	• 中国中药杂志 (96)		• 2022-06-12, 西文生物	医学文献数据库题录更新35360篇。			
• 新型冠状病毒肺炎疫情期间儿内科护士心理状态的调查研究	• 中国学校卫生 (77)		• 2022-06-04, 中国生物	医学引文数据库更新5048637篇。			

• 2022-05-28, 西文生物医学文献数据库题录更新27769篇。

• 一种新型防喷溅面罩的设计及临床应用优点

• 中国矫形外科杂志 (65)

1.2 生物医学领域中的 文摘数据库

中国生物医学期刊引文数据库 (CMCI)

 数据库简介: CMCI由解放军医学图书馆研制发行,对老版CMCC 与CMCI数据库全面整合,收录了1994年以来中文生物医学期刊 1700余种,累积期刊文献题录摘要信息470余万篇,并含有参考文 献。每月更新,一年出版12期光盘。

1.3 文摘数据库的功能

- 1. 可了解和把握某课题领域研究动态和研究现状
- 2. 找到全文的重要和必要线索
- 3. 判断自己课题(学位论文选题、开题)的新颖性
- 4. 对不熟悉的语种文章, 看英文摘要即可
- 5. 课题查新
- 6. 科研绩效评价

目录

1. 文摘库简述

2. PubMed 数据库



- 2.1 数据库概况 2.6 PubMed Journals 检索
- 2.2 数据库的数据内容 2.7 PubMed Single Citation Matcher检索
- 2.3 数据库的检索运算符 2.8 PubMed Clinical Queries 检索
- 2.4 检索界面内容 2.9 PubM
- 2.5 数据库检索方法

- 2.9 PubMed 检索结果
- 2.10 其他功能
- 2.11 检索小结

2.1 PubMed数据库概况

- 1.创建机构:美国国家医学图书馆下设的美国生物技术信息中心(NCBI) 2.类型:Web数据库
- 3.网址: http://www.ncbi.nlm.nih.gov/pubmed
- 4.特色:具有收录学科范围广、文献类型多、内容齐全、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
- 5. 学科范围: 生物医学、生命科学、行为科学、生物工程、化学等学科



- 1.MEDLINE: 包括OLDMEDLINE
- 2.In Process Citations:每天收录,尚未经规范处理的数据。
- 3.Publisher-Supplied Citations:由出版商提供的电子文献,每 条记录标有[PubMed-as supplied by Publisher]。
2.3 PubMed检索运算符

1.逻辑运算符:

逻辑与: AND, 逻辑或: OR, 逻辑非: NOT。

当一个检索表达式中同时含有三个运算符时,运算顺序从左至右,括号可以 改变运算顺序。

2.截词符:*,一个词或字拼写出部分字母后面加上一个截词符, chem*表示用词根进行检索。

例如: Heart attack*会关闭自动转换匹配检索词, myocardial infarction等词会



2.3 PubMed检索运算符

- 3.双引号: "", 表示对引号中的短语进行检索。 4.检索字段标识符: [tag], tag为字段名称。
- [ti], [au], [ta], [so], [la], [pt].

2.3 PubMed检索运算符----常用字段组成

标识符 字段名称

- TI Title
- AU Author
- AD Affiliation 作者单位
- AB Abstract
- DP Publication Date
- EDAT Entrez Date
- SO Source
- TA Journal Title Abbreviation
- MH MeSH Terms
- PT Publication Type



- 基本检索
- 高级检索
- MeSH Database检索
- 期刊查询(Journals Databases)
- 引文匹配器(Single Citation Matcher)
- 临床查询(Clinical Queries)



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2.5 PubMed检索方法

1. 基本检索: 在基本检索界面下完成的检索方法

2. 高级检索: 高级检索界面下进行的检索方法

3. MeSH Database检索: 主题词检索

4. 以上3种检索方法比较

The new PubMed was launched in September 2019 and became the default in May 2020. The legacy PubMed site was retired as of November 2020 and is no longer available to use.

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Journals

Trending Articles

Latest Literature

PubMed records with recent increases in activity

New articles from highly accessed journals

2.5.1PubMed检索方法----基本检索

1.自动词语匹配检索: 未加任何限定的检索词 关键词检索 2.布尔逻辑检索: AND NOT OR, CANCER AND THERAPY 3.字段检索: GENE THERAPY[TA], JAMA[TA] 4.截词检索: gene* =gene, genetics, generation..... 5.精确检索: "gene therapy" 6.著者检索: Smith JS 或 Smith[au]

词汇自动转换功能----PubMed特有的检索功能

- 1. Automatic Term Mapping (ATM)词汇自动转换功能
- 概念:在检索框中输入未加任何限定的检索词,系统会按照ATM原理 进行检索,并返回检索结果。
- ATM检索原理:对于输入的检索词,系统依次在:主题词转换表 (MeSH table)、期刊转换表(Journal table)、作者索引(Author Index)、调查者表(Investigator (Collaborator) Index中进行搜索, 1、如果在相应的转换表中找到匹配的词,系统将自动转换为相应搜 索,+ "OR" All fields(所有字段)

2、如果输入的是多个检索词或者词组,系统会将其拆分为单词后分 别在All fields中检索,单词之间布尔逻辑关系为"AND"





Pub Med.gov PubMed Advanced Search Builder User Guide L Add terms to the query box All Fields ۲ Enter a search term ADD ~ Show Index Query box Enter / edit your search query here Search History and Search Details <u> </u>Delete , ↓, Download Search Actions Details Query **Results** Time Search: child rearing 8,713 21:28:18 #1 > ... -. .

词汇自动转换功能----PubMed特有的检索功能

Search	Actions	Details	Query	Results	Time
#1		~	Search: child rearing "child rearing"[MeSH Terms] OR ("child"[All Fields] AND "rearing"[All Fields]) OR "child rearing"[All Fields]	8,713	21:14:36
			Translations child rearing: "child rearing"[MeSH Terms] OR ("child"[All Fields] AND "rearing"[All Fields]) OR "child rearing"[All Fields]		

"child rearing"[MeSH Terms] OR ("child"[All Fields] AND "rearing"[All Fields]) OR "child rearing"[All Fields]

修改为: "child rearing"[MeSH Terms]

		al Library of Medicine ter for Biotechnology Information	▲ jielimao@orcid	功能
	Pub Med.	ov		
	"child rearing"[Me	Terms] × Search		
	Advanced Create alert	Create RSS User Guide		
u		Save Email Send to Sorted by: Best	match Display options 🗱	
chi	my ncbi filters 🖪	6,537 results 🥢 🤇 Page	1 of 654 > >>	han
an	RESULTS BY YEAR	Effective Discipline to Raise Healthy Children.		
	∠" ⊥	1 Sege RD, Siegel BS; COUNCIL ON CHILD ABUSE AND NEGLECT; C	COMMITTEE ON	
oM oks		Cite PSYCHOSOCIAL ASPECTS OF CHILD AND FAMILY HEALTH. Pediatrics. 2018 Dec;142(6):e20183112. doi: 10.1542/peds.2018-3 Share PMID: 30397164 Review.	112. Epub 2018 Nov 5.	e
	.O <u>uaatd</u>	查看PDF		
	1949			
	TEXT AVAILABILITY	 Communal child-rearing: The role of nurses in school Mulaudzi FM, Peu MD. 	ool health.	
	Abstract	Cite Curationis. 2014 Oct 16;37(1):1158. doi: 10.4102/curationis.v37i1.	1158.	
	Free full text	PMID: 25685906 Review. Share		

词汇自动转换功能----PubMed特有的检索功能

期刊检索:系统会在刊名字段中进行搜索,如果刊名与MeSH词表中的词相同,系统将把这些词作为MeSH词检索。[ta]

- 期刊全称 full journal title (e.g., molecular biology of the cell)
- MEDLINE形式的简写 title abbreviation (e.g., mol biol cell)
- ISSN number, a standardized international code (e.g., 1059-1524)

e.g., gene therapy[ta], scanning[ta]

加上字段[ta],将搜索限制在期刊上

molecular biology of the cell:细胞分子生物学

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MeSH Database Journals

e.g., gene therapy[ta]



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词汇自动转换功能----PubMed特有的检索功能

作者索引:系统会自动到作者索引中进行搜索

- 使用姓氏+首字母格式 (例如, smith ja) 或全名格式 (john a smith) 正反向输入的姓名
- 在 2002 年之前, PubMed 文献中不包含作者全名, 因此搜索作者全名只会检索 2002 年以后的文献, 当时作者全名已在文献中发表。
- 用于搜索的姓氏后面的逗号是可选的。但是,对于某些名称,有必要通过使用姓氏后面 的逗号来区分哪个名字是姓氏,例如 james, ryan。

Searching by author 官网:https://pubmed.ncbi.nlm.nih.gov/help/#author-search

FULL NAME: mao jieli



FULL NAME: mao jieli



NIH National Library of Medicine

▲ jielimao@orcid

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姓全拼+名首字母缩写:mao jl



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2.5.1 PubMed检索方法----基本检索

1.自动词语匹配检索: 未加任何限定的检索词 关键词检索 2.布尔逻辑检索: AND NOT OR, CANCER AND THERAPY 3.字段检索: GENE THERAPY[TA], JAMA[TA] 4.截词检索: gene* =gene, genetics, generation..... 5.精确检索: "gene therapy" 6.著者检索: Smith JS 或 Smith[au]



布尔逻辑检索: AND、 NOT、 OR, 与、 或、 非的运算

eg: CANCER AND THERAPY: 表示检索研究癌症治疗方面的文献

运算顺序:

- 从左至右
- 圆括号():改变运算顺序, silicosis AND (treatment OR therapy) 括号运算优先



- 1.自动词语匹配检索:未加任何限定的检索词 关键词检索
 2.布尔逻辑检索: AND NOT OR, CANCER AND THERAPY
 3.字段检索: GENE THERAPY[TA], JAMA[TA]
 4.截词检索: gene* =gene, genetics, generation.....
 5.精确检索: "gene therapy"
- 6.著者检索: Smith JS 或 Smith[au]



截词检索: gene*







Find Advanced Search Clinical Queries Single Citation Matcher



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Explore MeSH Database Journals



1.自动词语匹配检索: 未加任何限定的检索词 关键词检索 2.布尔逻辑检索: AND NOT OR, CANCER AND THERAPY 3.字段检索: GENE THERAPY[TA], JAMA[TA] 4.截词检索: gene* =gene, genetics, generation..... 5.精确检索: "gene therapy" 6.著者检索: Smith JS 或 Smith[au]



精确检索: "gene therapy"

也可称为强迫词组检索,即,如果要将短语作为一个词组进行检索,可用双引号""将其引起来。如: "gene therapy"、"liver cancer"、"drug therapy"作为词组进行检索的词,系统不进行自动转换匹配,也不进行MeSH词的扩检。





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练习①:基本检索: 直接检索 liver cancer 精确检索 "liver cancer" 比较检索的结果数量及文献差异

练习②: 基本检索: 自动词语匹配检索 直接检索 liver cancer, 查看检索过程



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				User Guide		
Add terms	s to the qu	ery box				
All Field	s	\$	Enter a search term	A	DD ~	
				Sho	w Index	
Query bo	¢					
Enter / e	edit your se	earch query	here	Sear	ch ~	n
					i	ine
History	and Sear	ch Detai	s	, ⊥ Download 🔟	Delete	
Search	Actions	Details	Query	Results T	ime	
#22		>	Search: "gene therapy"	66,139 0	3:38:09	
#14	•••	>	Search: gene therapy	450,925 0	3:37:44	





ADD 🗸

Pub Med.gov PubMed Advanced Search Builder User Guide Add terms to the query box \$ All Fields Enter a search term Show Index Query box

Enter / edit your search query here	Search	~

History and Search Details				↓ Download	m Delete	
Search	Actions	Details	Query	Results	Time	
#26		>	Search: (("NEUROLOGY"[Journal]) AND (("2008/01 /01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	04:11:42	
#25		•	Search: mao jieli[Author - Identifier]	0	04:01:26	
#24			Search: mao jieli[Author - Identifier] - Schema: all	0	04:01:26	

▲、V、、□ 空空会報(Λ)、□ マムナルマ(Λ)、□ 原動赤音(大田)、□ 原動(市合)、□ 原動(市合)、□ (1)、○ (1),○ (1) Advanced

2.5.2 PubMed检索方法----高级检索

- Searching by a specific field 按照领域字段搜索,例如作者字段、期刊名
 称字段等
- Query box 构建检索式
- Browsing the index of terms: Show Index 功能。该功能按字母顺序显示 出现在选定 PubMed 搜索字段中的术语。显示索引不适用于日期字段。
- History and Search Details 检索历史及详情:历史记录仅限于最近 100 次搜索。超量将从历史记录中删除最旧的搜索并添加最新的搜索。检 索历史记录会在 8 小时不活动后过期。



PubMed Advanced Search Builder

Show Index 功能



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User Guide

Add terms to the query box

All Fields	Enter a search term		ADD	~
			Show Ir	ndex
Query box				
Enter / edit your search query	here		Search	~
		///.		

History and Search Details	🕁 Download	🔟 Delete
----------------------------	------------	----------

Search	Actions	Details	Query	Results	Time
#27		~	Search: (("Neurology"[Journal]) AND (("2008/01/01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	04:13:00
			"Neurology"[Journal] AND 2008/01/01:3000/12/31[Date - Create] AND "alzheimer disease"[Title]		
#26		>	Search: (("NELIROLOGY"[Journal]) AND (("2008/01	/152	04.11.42

Advanced

2.5.2PubMed检索方法----高级检索

History and Search Details 检索历史及详情

...

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...

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...

History and Search Details \downarrow , Download M Delete Search Actions Details Query Results Time 05:45:54 \sim Search: (("Neurology"[Journal]) AND (("2008/01/01"[Date -452 #27 Create] : "3000" [Date - Create]))) AND (Alzheimer disease[Title]) "Neurology"[Journal] AND 2008/01/01:3000/12/31[Date -Add with AND Create] AND "alzheimer disease"[Title] Add with OR > Search: (("NEUROLOGY" [Journal]) AND (("2008/01 452 04:11:42 Add with NOT /01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title]) Delete Search: mao jieli[Author - First] > 2 03:59:07 Create alert Search: "gene therapy" > 66,139 03:38:09 #14 Search: gene therapy 450.925 03:37:44 > ... #21 Search: gene* > 8,532,367 03:27:50 ... #20 > Search: gene 3,138,455 03:26:10 ... Search: gene therapy[ta] #17 > 4.646 02:54:47 ...

Show Index

Query box		
Enter / edit your search query here	Search	~

History and Search Details				\downarrow Download	Delete
Search	Actions	Details	Query	Results	Time
#27		>	Search: (("Neurology"[Journal]) AND (("2008/01/01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	05:45:54
#26	••••	>	Search: (("NEUROLOGY"[Journal]) AND (("2008/01 /01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	04:11:42
#23		>	Search: mao jieli[Author - First]	2	03:59:07
#22		>	Search: "gene therapy"	66,139	03:38:09
# <mark>1</mark> 4		>	Search: gene therapy	450,925	03:37:44
#21		>	Search: gene*	8,532,367	03:27:50
#20		>	Search: gene	3,138,455	03:26:10
# 1 7		>	Search: gene therapy[ta]	4,646	02:54:47
# <mark>1</mark> 9		>	Search: Journal:jid9421525	4,427	02:48:41
#18		>	Search: "Gene Ther"[Journal:_jid9421525]	4,646	02:48:18

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listory and Search Details				↓ Download	m Delete
Search	Actions	Details	Query	Results	Time
#30		>	Search: ((("Neurology"[Journal]) AND (("2008/01/01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])) OR (mao jieli[Author - First])	454	05:52:00
#27		>	Search: (("Neurology"[Journal]) AND (("2008/01/01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	05:45:54
#26		>	Search: (("NEUROLOGY"[Journal]) AND (("2008/01 /01"[Date - Create] : "3000"[Date - Create]))) AND (Alzheimer disease[Title])	452	04:11:42
#23		>	Search: mao jieli[Author - First]	2	03:59:07
#22		>	Search: "gene therapy"	66,139	03:38:09





在CANCER LETTERS期刊上查找有关基因治疗(Gene therapy)方面的文献



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MeSH Database



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MeSH	MeSH ~	Limits Adva	anced		Search Help
			MeSH (Medical Subject Headings) is the NLM control PubMed.	led vocabulary thesaurus use	d for indexing articles for
Using MeSH			More Resources		
Help			E-Utilities		
Tutorials			NLM MeSH Homepage		
You are here: NCBL> Literature	■ > MeSH Database				Support Center

You are here: NCBI > Literature > MeSH Database . . . -----

Finding Full Text

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Batch Citation Matcher

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2.5.3 MeSH Database 主题词检索

- 1. 检索主题词介绍
- 2. 主题词相关概念
- 3. 主题词检索步骤
- 4. 检索结果的过滤器筛选限定检索
- 5. MeSH Database 主题词检索受限因素

NIH National Library of Medicine National Center for Biotechnology Information	🧕 jielimao@orcid
IeSH MeSH ~ aids	Search
Create alert Limits Advanced	Help
ummary - 20 per page - Send to: -	
	PubMed Search Builder
earch results	"Alzheimer Disease"[Mesh]
ems: 1 to 20 of 39 Selected: 1 <pre>selected: 1</pre>	
Acquired Immunodeficiency Syndrome	
An acquired defect of cellular immunity associated with infection by the human immunodeficiency virus (HIV), a CD4-	Add to search builder AND V
to opportunistic infections and malignant neoplasms. Clinical manifestations also include emaciation (wasting) and	Search PubMed
dementia. These elements reflect criteria for AIDS as defined by the CDC in 1993.	You Tube Tutorial
Year introduced: 1983	Find related data
AIDS Arteritis, Central Nervous System	Database: Select
Inflammation of ARTERIES in the CENTRAL NERVOUS SYSTEM that occurs in patients with ACQUIRED	
IMMUNODEFICIENCY SYNDROME or AIDS-RELATED OPPORTUNISTIC INFECTIONS. Year introduced: 2000	Find items
AIDS-Related Opportunistic Infections	Search details
Opportunistic infections found in patients who test positive for human immunodeficiency virus (HIV). The most common include PNEUMOCYSTIS PNEUMONIA, Kaposi's sarcoma, cryptosporidiosis, herpes simplex, toxoplasmosis, cryptococcosis, and infections with Mycobacterium avium complex, Microsporidium, and Cytomegalovirus. Year introduced: 1993	"acquired immunodeficiency syndrome"[MeSH Terms] OR aids[Text Word]
AIDS Vaccines	///
Vaccines or candidate vaccines containing inactivated HIV or some of its component antigens and designed to prevent or treat AIDS. Some vaccines containing antigens are recombinantly produced.	Search See more

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MeSH MeSH	~)		Search
	Limits Advanced		Help
Full 🗸		s	Send to: -
			PubMed Search Builder 🔶
Acquired Immunodeficiency	v Syndrome	王题词汪释	"Alzheimer Disease"[Mesh]
T-lymphocyte count under 200 cells/mic infections and malignant neoplasms. Cl criteria for AIDS as defined by the CDC Year introduced: 1983 历史注释 PubMed search builder options Subheadings: 副主题词: 即	in 1993. 译:即主题词编 入]	Iymphocytes, and increased susceptibility to opportunist e emaciation (wasting) and dementia. These elements n MeSH词表的时间 主题词, 勾选后则将检索限定到主题词特定研究	tic eflect Add to search builder AND ~ Search PubMed You Tutorial
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Chemically induced	genetics	□ radiotherapy	Clinical Quorios
	history	rehabilitation	
	Immunology metabolism		NLM MeSH Browser
			dbGaP Links
diagnostic imaging	mortality	transmission	
☐ diet therapy	nursing	urine	MedGen
drug therapy	organization and	veterinary	
economics	administration	virology	
embryology	parasitology		Recent Activity
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Restrict to MeSH Major Topic.	勾选则表示限定	万土安王 题问	Acquired Immunodeficiency Syndrome
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Entry Terms: 款月词(即主题词的同诉义词)	MeSH
	Q alzheimer disease (29)
Acquired Immune Deficiency Syndrome	MeSH
Acquired Immuno-Deficiency Syndrome	See more
Acquired Immuno Deficiency Syndrome	See more
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Immuno-Deficiency Syndrome, Acquired	
Immuno-Deficiency Syndromes, Acquired	
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Syndrome, Acquired Immunodeficiency	
Syndromes, Acquired Immunodeficiency	
• AIDS	
Previous Indexing: 该主题词未编入MeSH词表前,本词对应的主题词	
Immunologic Deficiency Syndromes (1979-1982)	
See Also:	
HIV Seropositivity	
AIDS Serodiagnosis	
AIDS Dementia Complex	
HIV Seroprevalence	
• Lymphoma, AIDS-Related	
• <u>AIDS Arteritis, Central Nervous System</u>	±土觊诃表中的12直(个唯一)
All MeSH Categories	
Diseases Category	
Infections	
Communicable Diseases	
Blood-Borne Infections	
HIV Infections	
Acquired Immunodeficiency Syndrome	
All MeSH Categories	
Diseases Category	
Infections	

Communicable Diseases

2.5.3 MeSH Database 主题词检索----相关概念

- MeSH:《医学主题词表》(Medical Subject Headings,简称MeSH),是 美国国立医学图书馆编制的权威性主题词表。它是一部规范化的可扩 充的动态性 叙词表,简单地讲,为了检索需要,将某些具有多种写 法或者多个同义词的概念统一到一个规范的名称,这个名称就是主题 词。
 - polymerase chain reation 标引为主题词: PCR polymerase chain reation gene amplification
- 主题词表示的是概念,概念由语词表达的,并不是所有的词语都是主题词。
- MeSH特征:动态性、唯一性

I RODOOTO MILO OERTIOLO

Medical Subject Headings (MeSH®) in MEDLINE®/PubMed®: A Tutorial

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Introduction MeSH Tree Structures	MeSH Tree Structures MeSH headings are organized in a "tree" with 16 main branches:	MeSH标题以"树"的形式组织,有16个主要分支: A、解剖学 B、生物体
The MeSH Database	A. Anatomy	D、化学品和药品
Searching PubMed Using MeSH Tags	B. Organisms C. Diseases D. Chemicals and Drugs	E、分析、诊断和治疗技术及设备 F、精神病学与心理学
Reference Materials •	 E. Analytical, Diagnostic and Therapeutic Techniques and Equipment F. Psychiatry and Psychology G. Phenomena and Processes H. Disciplines and Occupations I. Anthropology, Education, Sociology and Social Phenomena J. Technology, Industry, Agriculture K. Humanities L. Information Science M. Named Groups N. Health Care V. Publication Characteristics Z. Geographicals 	 G、现象和过程 H、学科和职业 I、人类学、教育、社会学和社会现象 J、技术、工业、农业 K、人文学科 L、信息科学 M、命名的组 N、卫生保健 V、出版物特点 Z、地理

Each branch has many levels of sub-branches, and each heading has a position in the hierarchy.

每个分支都有许多级别的子分支,每 个标题在层次结构中都有一个位置。

https://www.nlm.nih.gov/bsd/disted/meshtutorial/meshtreestructures/index.html

1 2 3 4 Next Page >

Previous Section

Home > Distance Education Resources > PubMed Online Training > MeSH in MEDLINE/PubMed

ntroduction	MeSH Tree Structures
NeSH Tree Structures	Some terms appear in more than one branch of the tree. ^F or example
he MeSH Database	Anatomy 解剖
Gearching PubMed Using MeSH Tags	Body Regions Head
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	Anatomy
	Sense Organs
	Ear
	Ear, External +
	Ear, Middle +
	Ear, Inner +
	The biorarchy allows a MEDLINE/DubMod search of a broader term to

The hierarchy allows a MEDLINE/PubMed search of a broader term to include the narrower terms in all branches automatically. This is known as "exploding." For example, a search of ear in PubMed would automatically explode to include records indexed with Ear, External; Ear, Middle; and Ear, Inner, as well as all narrower terms under each of these.

有些术语出现在树的多个分支中。

2.5.3 MeSH Database 主题词检索----检索步骤

- 1. 输入查找的词或词组
- 2. 选择所需主题词, 点击主题词链接
- 3. 选择与主题词匹配的副主题词(检索范围,参考树状结构表)
- 4. Add to search builder: 添加到检索框中
- 5. Search PubMed:在PubMed中检索

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An acquired defect of cellular immu T-lymphocyte count under 200 cells infections and malignant neoplasm criteria for AIDS as defined by the (Year introduced: 1983 PubMed search builder options	nity associated with infection by the huma s/microliter or less than 14% of total lympi s. Clinical manifestations also include em CDC in 1993.	an immunodeficiency virus (HIV), a CD4-positive hocytes, and increased susceptibility to opportunistic aciation (wasting) and dementia. These elements reflec 下自主坊印 오ం	Syndrome/epidemiology" [Majr:NoExp] 4 单击按钮,将检索条件构 建到search builder
Subheadings:	(2)选择副土题问	O中面效钮, 500 PubMed, 执行标	企索 You Tube Tutor
analysis anatomy and histology blood	enzymology epidemiology ethnology	 physiology physiopathology prevention and control 	Related information PubMed
cerebrospinal fluid	<pre>etiology genetics</pre>	☐ psychology ☐ radiotherapy	PubMed - Major Topic
chemically induced		1 Josephere In 2014 and 2014 and 2014	
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 chemically induced classification complications congenital diagnosis diagnostic imaging diet therapy drug therapy 	 history immunology metabolism microbiology mortality nursing organization and 	 renabilitation statistics and numerical data surgery therapy transmission urine veterinary 	NLM MeSH Browser dbGaP Links MedGen

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	<u>#</u>	<u>8 Add</u>	Search zid	ovudine		<u>11</u>	09:21:45	
	#	<u>3 Add</u>	Search aid	5		<u>39</u>	09:21:17	
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An official website of the United Sta	Database	丰	記念 玄		2 H
NIH National Libra	ary of Medicine			L jielimao(@orcid
MeSH MeSH	Limits Advanced			Search	Help
	MeSH MeSH (Medical PubMed.	Subject Headings) is the NLN	I controlled vocabulary the	saurus used for indexing ar	ticles for
Using MeSH	More Resource	es			
Help	E-Utilities				
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Additional filters	TEVT ALVAIL ADD ITV		Cancel	

2.5.3 MeSH Database 主题词检索——过滤器筛选

限定检索

- Article types (文献类型)
- Text availability (文本利用, 文摘和全文)
- Article attribute文章属性(相关数据Associated data)
- Publication dates (出版日期)
- Species (研究对象)
- Languages (语种)
- Sex (性别)
- Journal (MEDLINE)









利巴韦林 (ribavirin) 治疗SARS方面的综述文献



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MY NCBI FILTERS 1 of 2 > >> Page 11 results RESULTS BY YEAR Compounds with Therapeutic Potential against Novel Respiratory 2019 Coronavirus. Martinez MA. Cite Antimicrob Agents Chemother. 2020 Apr 21;64(5):e00399-20. doi: 10.1128/AAC.00399-20. Print 2020 Share Apr 21. PMID: 32152082 Free PMC article. Review. 2003 2022 [Experience with empirical treatment of severe acute respiratory syndrome due to TEXT AVAILABILITY 2 coronavirus, genotype IV]. Shchukina VN, Loginova SIa, Borisevich SV, Bondarev VP. Cite Abstract Antibiot Khimioter. 2011;56(7-8):42-6. Share Free full text PMID: 22359870 Review. Russian. Full text [Present state of in vitro and in vivo studies on efficacy of medical nonspecific ARTICLE ATTRIBUTE protective agents with respect to genotype IV coronavirus causing severe acute 3 respiratory syndrome]. Cite Associated data Shchukina VN, Loginova SIa, Borisevich SV, Bondarev VP. Share Antibiot Khimioter. 2011;56(9-10):41-6. ARTICLE TYPE PMID: 22586904 Review. Russian Books and Documents Clinical Trial Pharmacologic treatment of SARS: current knowledge and recommendations. Tai DY. Meta-Analysis Ann Acad Med Singap. 2007 Jun;36(6):438-43. Cite Randomized Controlled PMID: 17597972 Free article. Trial Share Review Recent developments in the virology and antiviral research of severe acute Systematic Review 5 rospiratory syndromo coronavirus

2.5.3 MeSH Database 主题词检索—限制

- 主题词检索不适用于所有的PubMed记录,对于收录较新、尚未进行MeSH 标引的文献记录,通过MeSH Database 检索不到,从查全率考虑,需结合 主题词检索和基本检索结果。
- 主题词收录进入主题词表年份之前的关于该主题词的文献结果,检索不到。
 Acquired Immunodeficiency Syndrome作为艾滋病的主题词是Year introduced:
 1983,那么1982年之前的

Previous Indexing:

Immunologic Deficiency Syndromes (1979-1982)

作为主题词检索

2.5.4 PubMed检索方法的比较

- 基本检索: 简便快捷, 适用于简单的检索
- 高级检索:尤其适用于需要分步检索才能完成的较为复杂的课题,以及需 要对检索策略反复调整的课题。字段+检索构建器+检索史
- MeSH Database 主题词检索:
 - 优点:主题词规范表达(查全率)+树状结构体系(查全率)+副主题词 (查准率)+主要主题词(查准率)
 - 缺点: MeSH MEDLINE(只能查)、主题词收录进入主题词表年份

2.5.4 PubMed检索方法的比较

Children asthma drug therapy eg: 儿童哮喘的药物治疗

- 基本检索: 直接输入检索框中, 进行检索
- 高级检索:确定检索词-选择检索字段-输入检索词
- MeSH Database 检索:确定主题词、副主题词-查找主题词-添加至检索式



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Explore MeSH Database

Journals

Search: Child as 5 matrue that b Med 检索方法的比较

("child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child s"[All Fields] OR "children s"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields]) AND ("asthma"[MeSH Terms] OR "asthma"[All Fields] OR "asthmas"[All Fields] OR "asthma s"[All Fields]) AND ("drug therapy"[MeSH Subheading] OR ("drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug"[All Fields] AND "therapy"[All Fields]))

Translations

Children: "child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child's"[All Fields] OR "children's"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields] asthma: [asthma"[MeSH Terms] OR "asthma"[All Fields] OR "asthmas"[All Fields] OR "asthma's"[All Fields] drug therapy: [All Fields]] OR ("drug"[All Fields] AND "therapy"[All Fields]] OR "drug therapy"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug"[All Fields] AND "therapy"[All Fields]])

dren asthma drug therapy)



Х

r biomedical literature from MEDLINE, life science journals, and online rom PubMed Central and publisher web sites.

child[MeSH Terms] AND asthma[MeSH Terms] AND "drug therapy"[Subheading]

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			Translations Children: "child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child's"[All Fields] OR "children's" Fields] OR "childrens"[All Fields] OR "childs"[All Fields] asthma: "asthma"[MeSH Terms] OR "asthma"[All Fields] OF "asthmas"[All Fields] OR "asthma's"[All Fields] drug therapy: "drug therapy"[Subheading] OR ("drug"[All Fields] AND "therapy"[All Fields]) OR "drug therapy"[All Fields] OR "drug therapy"[MeSH Terms] OR ("drug therapy"[All Fields]	[All R Ids]		





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2.5.4 PubMed检索方法的比较

eg: 儿童哮喘的药物治疗(Children asthma drug therapy)

History and Search Details

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Search	Actions	Details	Query	ſ	Results	Time
#14	•••	>	Search: ("Child"[Mesh]) AND "Asthma/drug therapy"[Mesh] Sort by: Most Recent		10,788	23:55:29
#9	•••	>	Search: ((child[MeSH Terms]) AND (asthma[MeSH Terms])) AND (drug therapy[MeSH Subheading])		11,237	23:31:53
#12	•••	>	Search: child[MeSH Terms] AND asthma[MeSH Terms] AND "drug therapy"[Subheading]		11,237	23:28:03
#11	•••	>	Search: Children asthma drug therapy		16,284	23:22:12



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An official website of the NIH National Certain NLM Catalog	United States government Here's how you know ∽ al Library of Medicine enter for Biotechnology Information NLM Catalog ∽ currentlyindexed Create arent Advanced	▲ jielimao@orcid ⊗ Search
NCBI journals Journals referenced in the	Summary - 20 per page - Sort by Publication Date - Send to: -	Filters: <u>Manage Filters</u>
NCBI DBS Currently indexed Journals currently indexed in MEDLINE Customize Languages English Spanish Customize <u>Clear all</u>	Search results Items: 1 to 20 of 5281 American journal of biological anthropology 1. American Association of Biological Anthropologists. NLM Title Abbreviation: Am J Biol Anthropol ISSN: 2692-7691 (Electronic) ; 2692-7691 (Linking) [Hoboken, NJ] : John Wiley & Sons Inc., [2022]- Currently indexed for MEDLINE NLM ID: 101770171 [Serial]	PubMed Search Builder
<u>Show additional filters</u>	 Die Anaesthesiologie NLM Title Abbreviation: Anaesthesiologie ISSN: 2731-6866 (Electronic) ; 2731-6858 (Print) ; 2731-6858 (Linking) [Heidelberg, Germany] : Springer Medizin, [2022]- Currently indexed for MEDLINE NLM ID: 9918384886806676 [Serial] ARP rheumatology 	Search details currentlyindexed[All Fields] Search See more.
	 NLM Title Abbreviation: ARP Rheumatol ISSN: 2795-4552 (Electronic) ; 2795-4552 (Linking) Lisboa, Portugal : Sociedade Portuguesa de Reumatologia, [2022]- Currently indexed for MEDLINE NLM ID: 9918402287906676 [Serial] 	Recent Activity <u>Turn Off</u> Clear Q currentlyindexed (5281)

2.7 PubMed Single Citation Matcher 检索



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Use this tool to find PubMed citations. You may omit any field.

Journal

Journal may consist of the full title or the title abbreviation.

Date

Month and day are optional.

Details

Author

Use format lastname initials for the most comprehensive results, e.g., Ostell J. See also: Searching by author.

Limit authors

Title words

Year	Month	Day
YYYY	MM	DD
Volume	Issue	First page

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Only as first author Only as last author



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Advanced Create alert Create R	.SS	User Guide
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My NCBI FILTERS 🖪	2 results	\ll \langle Page 1 of 1 \rangle \gg
TEXT AVAILABILITY		Arabidopsis ERF1 Mediates Cross-Talk between Ethylene and Auxin
Abstract	1	Biosynthesis during Primary Root Elongation by Regulating ASA1
Free full text	Cite	Expression. Mao JL, Miao ZO, Wang Z, Yu LH, Cai XT, Xiang CB.
Full text	Share	PLoS Genet. 2016 Jan 8;12(1):e1005760. doi: 10.1371/journal.pgen.1005760. eCollection 2016
ARTICLE ATTRIBUTE		Jan. PMID: 26745809 Free PMC article.
Associated data		
ARTICLE TYPE	2	Auxin Biosynthesis during Primary Root Elongation by Regulating ASA1
Books and Documents	Cite	Expression.
Clinical Trial	Share	Mao JL, Miao ZQ, Wang Z, Yu LH, Cai XT, Xiang CB. PLoS Genet. 2016 May 18;12(5):e1006076. doi: 10.1371/journal.pgen.1006076. eCollection 2016
Meta-Analysis		May.
Randomized Controlled		PMID: 27191951 Free PMC article.

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2.8 PubMed Clinical Queries 检索

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Note: The Systematic Reviews filter has moved; it is now an option under the "Article Type" filter on the main PubMed search results page.

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2.8 PubMed 检索结果----显示

PubMed 格式显示

- DCOM- 20190805 LR - 20200511
- IS 0065-2598 (Print)
- IS 0065-2598 (Linking)
- VI 1123

PMID- 31016596

OWN - NLM STAT- MEDLINE

- DP 2019
- TI Pluripotent Stem Cell Heterogeneity.
- PG 71-94
- LID 10.1007/978-3-030-11096-3_6 [doi]
- AB Pluripotent stem cells (PSCs), including embryonic stem cells and induced pluripotent stem cells, show heterogeneity with respect to their pluripotency, self-renewal ability, and other traits. PSC heterogeneity may exist among cell lines, among cells within a line, and among temporal states of individual cells. Both genetic and epigenetic factors can cause heterogeneity among cell lines. Heterogeneity among cells within a cell line may arise during long-term culturing even when a PSC cell line is derived from a single cell. Moreover, the expression levels of genes and proteins in PSCs fluctuate continuously at a frequency ranging from a few hours to a few days. Such heterogeneity decreases the reproducibility of research. Thus, methods related to the detection, reduction, and control of heterogeneity in experiments involving human PSCs need to be developed. Further, the presupposition that PSCs are highly heterogeneous should be taken into account by all researchers not only when they plan their own studies but also when they review the studies of other researchers in this field.
- AU Hayashi Y






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1. NPJ Prim Care Respir Med. 2021 Sep 9;31(1):42. doi: 10.1038/s41533-021-00253-9.

Child and caregiver experiences and perceptions of asthma self-management.

Kelada L(1)(2), Molloy CJ(3)(4)(5), Hibbert P(3)(4)(5), Wiles LK(3)(4)(5), Gardner C(4)(6), Klineberg E(7), Braithwaite J(3), Jaffe A(8)(9)(10).



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(6)Caring Futures Institute, College of Nursing and Health Sciences, Flinders University, Adelaide, SA, Australia.

(7)Ministry of Health, NSW Health, St Leonards, NSW, Australia.

(8)School of Women's and Children's Health, Faculty of Medicine and Health Sydney, Sydney, NSW, Australia.

(9) Respiratory Department, Sydney Children's Hospital, Randwick, NSW, Aus (10)Aiming for Asthma Improvement in Children, Sydney Children's Hospital Randwick, NSW, Australia.

Asthma is the most common chronic condition of childhood. Self-managem integral to good asthma control. This qualitative paper explores how childre with asthma and their parents perceive asthma, their experience with asthm how they manage symptoms, preventions and medications within and outsi

home. We undertook 15 focus groups with 41 school-aged (6-11 with asthma and 38 parents. Parents and their children attended^{文件} groups. We used thematic analysis to analyse the transcripts. Ou 📇 🔏 剪切 highlight how reliant school-aged children are on their parents t 🖓 💉 格式刷 manage their asthma. Parents reported being unsure when their 99% warranted visiting their doctor or hospital. Schools were identifie of difficulty regarding asthma management; families reported th be self-conscious about their asthma and using their inhaler at s policies and teachers' lack of asthma knowledge were reported temperature children's reluctance to use their inhaler at school. Our results ha implications for the design and implementation of children's selfa interventions for their asthma, particularly when they are at scho from their parents.

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DOI: 10.1038/s41533-021-00253-9 PMCID: PMC8429661 PMID: 34504105 [Indexed for MEDLINE]

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1: Kelada L, Molloy CJ, Hibbert P, Wiles LK, Gardner C, Klineberg E, Braithwaite J, Jaffe A. Child and caregiver experiences and perceptions of asthma selfmanagement. NPJ Prim Care Respir Med. 2021 Sep 9;31(1):42. doi: 10.1038/s41533-021-00253-9. PMID: 34504105; PMCID: PMC8429661.

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Conflict of interest statement: The authors declare no competing interests.

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- > Adult
- > Antibodies, Monoclonal / therapeutic use
- > Asthma* / drug therapy
- > Child
- > Chronic Disease
- > Disease Progression
- > Humans
- > Quality of Life*

Substances

- > Adrenal Cortex Hormones
- > Antibodies, Monoclonal

方式三

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● 2.6 PubMed Journals 检索

- 2.11 检索小结
- 1. 基本检索:在基本检索界面下完成的检索方法
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 2.检索微量元素缺乏与皮肤病关系的文献(限英文综述
 3.眼结核(ocular tuberculosis)引起失明(blindness)的文献 (比较基本检索和主题词检索的结果

4.USTC某教授(自己导师)发表的英文文献

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