

负责任的生成式AI工具——Web of Science 研究助手开启智能科研探索时代

主要内容

1. Web of Science Research Assistant (研究助手) 简介

2. Web of Science研究助手让您的科研更加智能

- 研究助手带您轻松探索新研究领域
- 研究助手帮您快速定位基础研究和最新进展
- 研究助手引导您进一步深入研究
- 研究助手更多功能分享

3. 操作演示

Web of Science的人工智能

24,878 条来自 Web of Science 核心合集的结果:

分析检索结果

引文报告

创建跟踪服务

genome editing (主题)

必须包括

不包括

添加的关键词: 应包括 GENOME EDITING

移除关键词

清除所有关键词

检索

输入关键词

添加

快速添加关键词:

AI算法生成的相关主题词 提高检索结果的相关性

复制检索式链接

出版物 您可能也想要...

精炼检索结果

在结果中检索...

搜索图标

快速过滤

0/24,878

添加

排序方式: 相关性

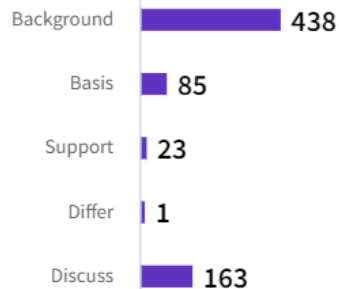
1 / 498

1 Highly Multiplexed Analysis of CRISPR Genome Editing Outcomes in Mammalian Cells

按分类引用项目

New

根据可用的引文上下文数据和 546 条引用项目中的摘录, 对此文献的提及方式进行细分。



1 Development of a base editor for convenient and multiplex genome editing in cyanobacteria

Li, XD; Liu, LM; (...); Chen, WZ

Aug 14 2024 | COMMUNICATIONS BIOLOGY 7 (1)

被引参考文献深度分析

65 参考文献

AI助力深度引文分析, 快速定位必读文献

"Until now, several kinds of base editors have been developed³⁷⁻⁴¹."

查找范围: "Introduction"

部分: Introduction 分类: Background

"Among them, the cytosine base editor is the most popular one, which has been applied in a number of organisms^{37,42-44}."

查找范围: "Introduction"

部分: Introduction 分类: Background

"The editing efficiencies were found to be in the following order: TC>CC>AC>GC (Fig. 4c), which was consistent with the previous studies^{37,44}."

查找范围: "Results"

部分: Results 分类: Support

坚持精挑细选, 维护学术文献收录的高标准

Original 科睿唯安 科睿唯安 2023-03-22 17:31 中国香港

因质量不达标, 50余家期刊今年已被移出Web of Science收录名单。

科睿唯安肩负着为客户提供可信赖的学术信息、帮助客户建设更美好世界的重要责任。随着学术文献变得日益鱼龙混杂, 科研界对经过严格筛选的高质量文献来源的需求变得越来越紧迫。

AI期刊监控工具, 识别 期刊中的异常出版行为

在决定... 我们主动采取更多措施应对日益增长的影响学术资料完整性的威胁。我们开发了一个新的AI工具, 帮助识别那些表明某个期刊可能不再符合我们质量标准的异常特征。

这项技术大大提高了我们识别异常特征和重新评估期刊的能力。今年年初这项技术就已标记出500多份期刊。针对期刊的评估还在进行, 但到目前为止已经有50多种被标记的期刊未能达到我们的质量标准, 并从收录列表中移除。

这些被移除的期刊来自不同的国家地区, 其中约一半由大型商业出版社出版, 另一半则由小型或协会出版社出版。移除决定都已全部转达给了这些出版机构, 出版机构会负责将结果传达给它们的编委会、作者和读者。

一旦确认期刊不再符合质量标准, 我们就有责任采取行动。我们将继续识别那些值得关注的期刊, 并将任何不符合我们质量标准的期刊移除出去。

承担维护科研诚信的共同责任

我们的Master Journal List提供了可检索的期刊收录和覆盖信息, 一直向公众免费开放。这个期刊列表每月更新一次, 可以认为是关于期刊收录信息的权威来源。

科睿唯安坚持研究如何以更加透明的方式在Web of Science添加和移除收录的期刊, 为此我们邀请出版机构积极与我们合作, 一起讨论如何解决他们在这一过程中面临的挑战和问题。

我们都肩负着维护科研诚信原则的共同责任。我们相信, 通过与出版机构和其他利益相关方的合作, 我们一定能捍卫学术文献收录的高质量, 让研究成果惠及人类日常生活。

Research Horizon Navigator中的新兴研究主题的生成

Clarivate Research Horizon Navigator™ Categories Emerging Topics Help Products qi.wei@clarivate.com

9997 Emerging Topics

Emerging Topics Filters

Search Emerging Topics

Primary Categories

Include Secondary Categories

Search for Category

- Acoustics
- Agricultural Economics ...
- Agricultural Engineering
- Agriculture, Dairy & Ani...
- Agriculture, Multidiscipl...
- Agronomy
- Allergy

新兴主题的命名：通过文献的引用关系和作者定义的关键词，基于**生成式AI**为每个“新兴主题”分配一个可读性强的标题。

Emerging Topic	Primary Category	Secondary Category	Papers	Mean co-citing publication year	Interdisciplinarity	Core Papers	Co-Citing Papers
Evaluating Academic and Technological Frontiers in Bibliometric and Environmental Sciences	Environmental Sciences	--	891	2022.7	0.80	20	876
Advancing Health Sciences through Delphi Consensus and Technology Integration	Public, Environmental & Occupational Health	--	122	2023	0.79	9	113
Advancing Bayesian Methods for Ecological and Psychological Data Analysis	Psychology, Experimental	--	269	2022.4	0.79	13	260
Enhancing Research Integrity and Transparency Across Disciplines	Psychology, Multidisciplinary	--	351	2022.6	0.79	23	336
Evaluating Binary Classification: Advancements and Challenges in Imbalanced Data Analysis	Engineering, Electrical & Electronic	--	283	2022.5	0.79	6	279
Interdisciplinary Insights into							

人工智能正在改变科研发现方式

找文献-读文献-写综述-数据处理-语言润色.....

AI & 科研人员

一项来自2023年*Nature*期刊针对1600名科研人员对AI与科研的看法的调查

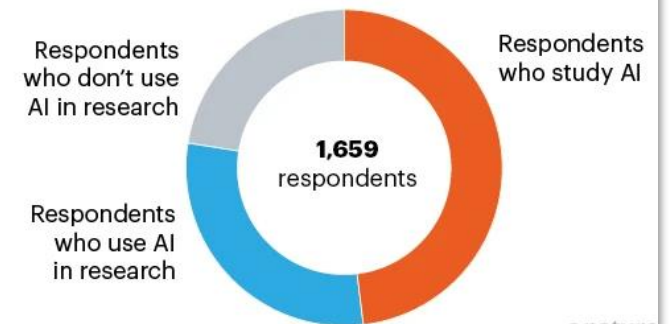
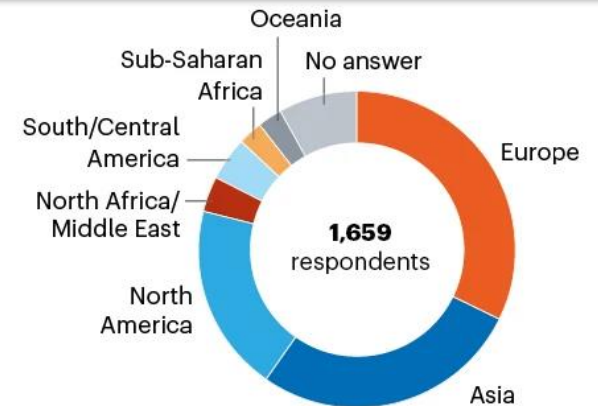
AI and science: what 1,600 researchers think

作者	Van Noorden, R (Van Noorden, Richard) ; Perkel, JM (Perkel, Jeffrey M.) 查看 Web of Science ResearcherID 和 ORCID (由 Clarivate 提供)
来源出版物	NATURE 卷: 621 期: 7980 页: 672-675 DOI: 10.1038/d41586-023-02980-0
出版时间	SEP 28 2023
已索引	2024-01-12
文献类型	Editorial Material
摘要	A Nature survey finds that scientists are concerned, as well as excited, by the increasing use of AI tools in research.
关键词	作者关键词: Machine learning; Mathematics and computing; Technology; Computer science
类别/分类	研究方向: Science & Technology - Other Topics 引文主题: 6 Social Sciences > 6.321 Social Reform > 6.321.2444 Open Data

调查结果显示，三分之一的研究人员（不包括正在研究AI的研究人员）正在他们的科研过程中使用AI工具

AI AND RESEARCH: SURVEY RESULTS

More than 1,600 respondents took *Nature's* survey on artificial intelligence (AI) and research. Just under half of respondents said they studied or developed AI themselves. Around one-third were from Europe, 28% from Asia and 20% from North America.



AI & 科研人员

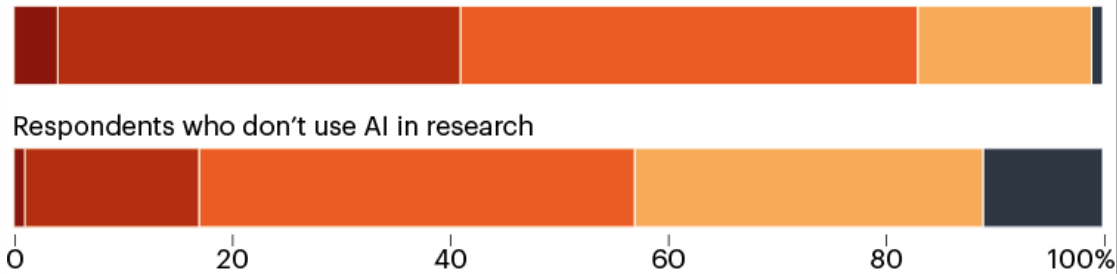
在所有参与调查的研究人员中，很少人会认为AI对科研无用。四分之一的正在使用AI的人认为“AI工具将在未来十年成为科研必不可少的工具”。

AI ANTICIPATIONS

Q: How useful do you think AI tools are for researchers in your field?

■ Essential ■ Very useful ■ Useful ■ Slightly useful ■ Not at all useful

Respondents who use AI in research

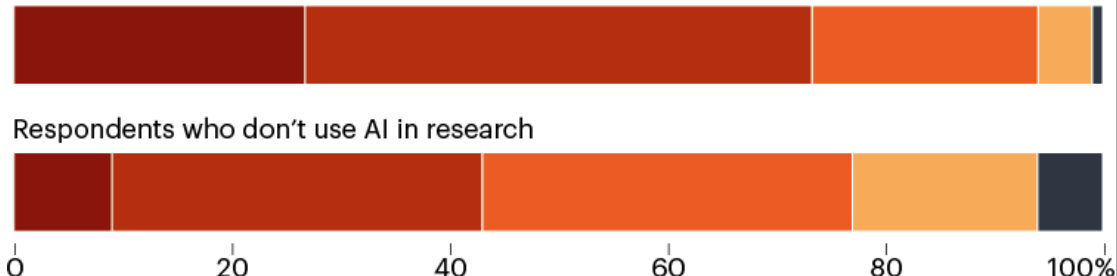


Respondents who don't use AI in research



Q: How useful do you think AI tools will become for researchers in your field in the next decade?

Respondents who use AI in research



Respondents who don't use AI in research



USING GENERATIVE AI

Q: How often do you use generative AI tools (such as ChatGPT) at work?

■ I use them every day ■ I use them more than once a week
■ I use them occasionally ■ I've used them only a few times
■ Never

Respondents who study AI



Respondents who use AI in research



Respondents who don't use AI in research

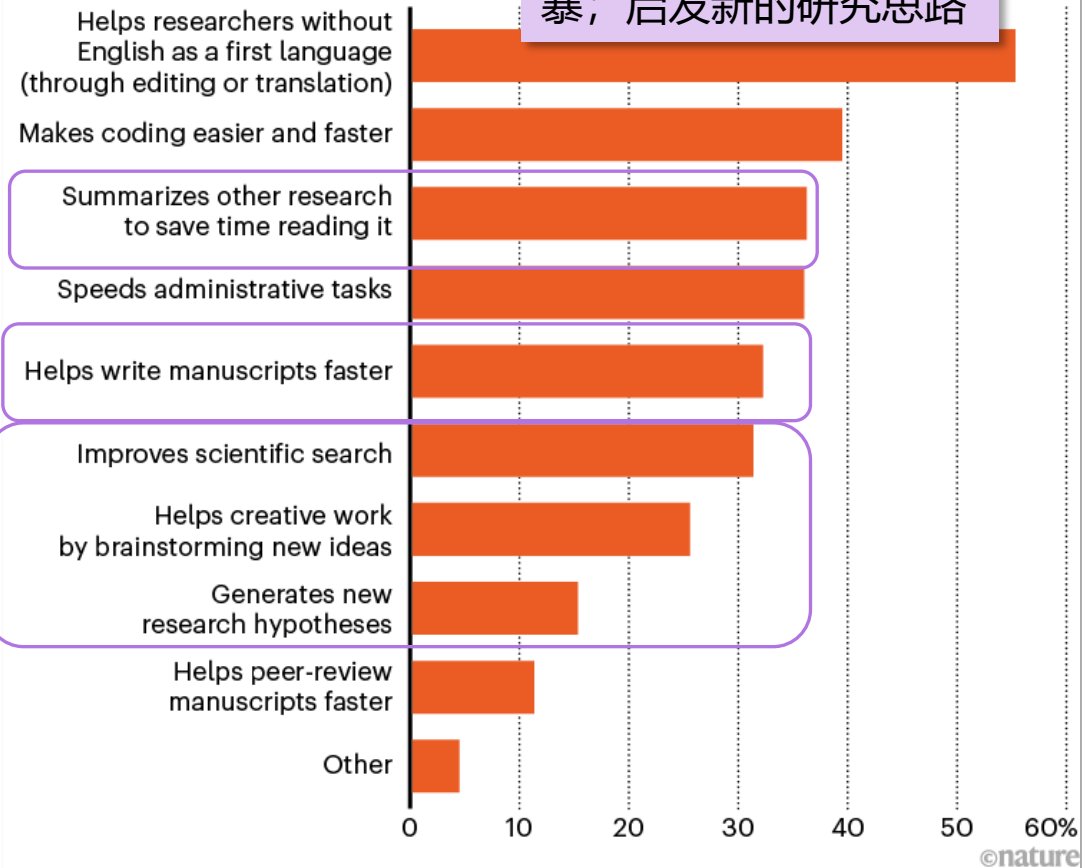


AI & 科研人员

生成式AI的益处及存在的问题

BENEFITS OF GENERATIVE AI

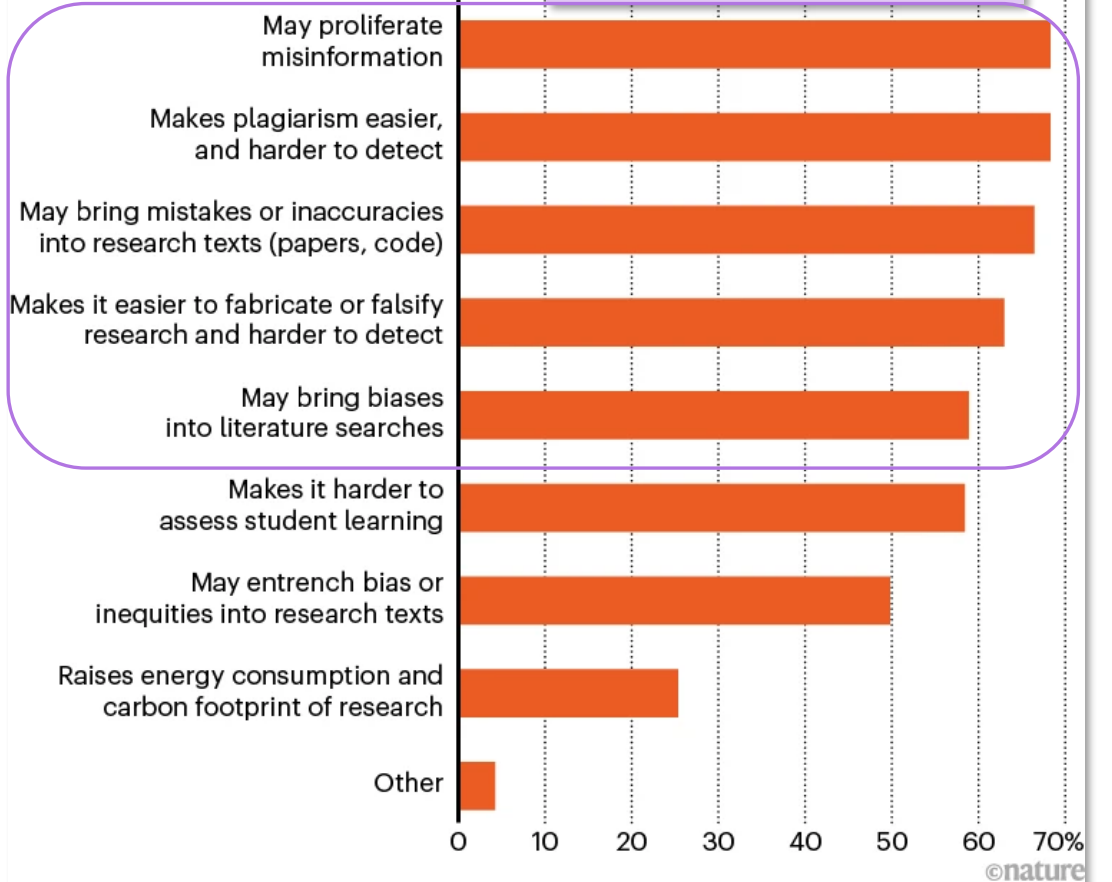
Q: What do you think are currently the biggest benefits of generative AI for research? (Choose all that apply.)



总结其他研究以节省阅读时间；辅助写论文；提高搜索效率；头脑风暴；启发新的研究思路

PROBLEMS OF GENERATIVE AI

Q: Where do you think generative AI may have the biggest problems for research? (Choose all that apply.)



可能传播错误信息；更容易剽窃；在文献搜索的时候容易带来偏见。

科睿唯安发布《图书馆的发展脉搏》报告

全球超过1,500名图书馆受访者参与调研，来揭示人工智能对塑造图书馆未来的变革性作用

您打算在未来 12 个月内实施或增强的技术或解决方案

Figure 1: Technology or solution(s) do you intend to implement or enhance in the next 12 months

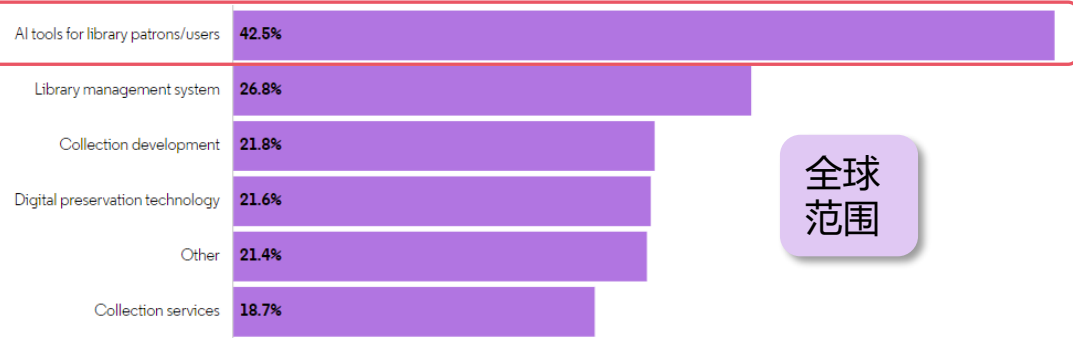
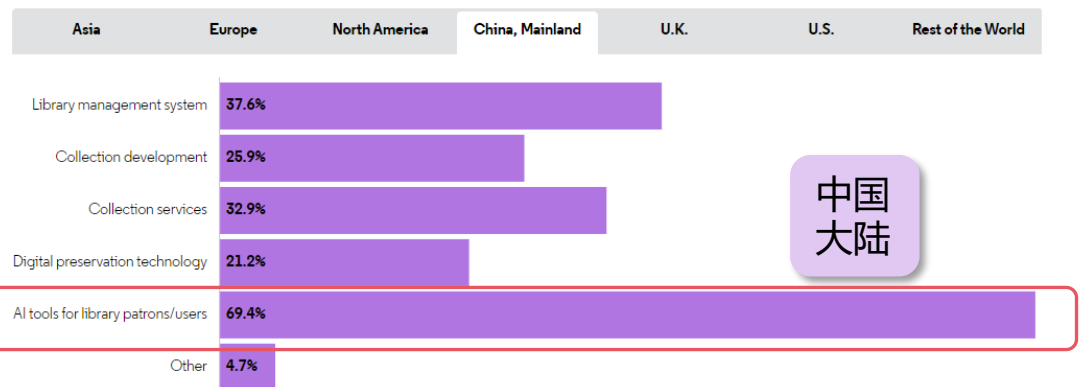
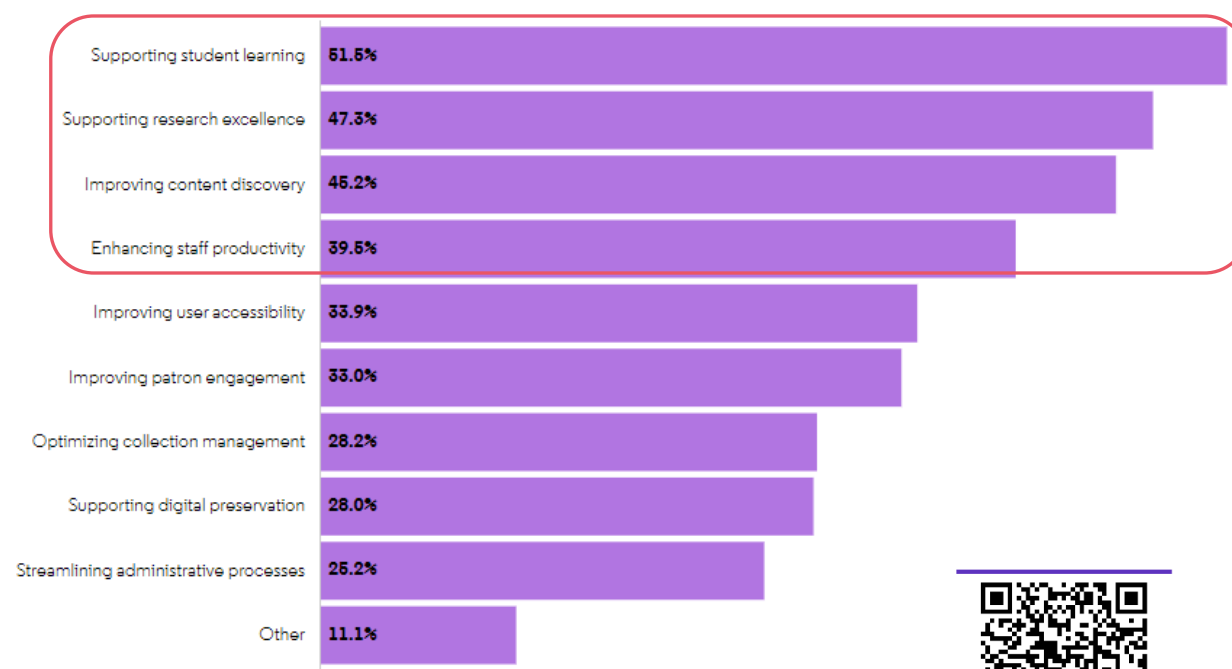


Figure 1: Technology or solution(s) do you intend to implement or enhance in the next 12 months



积极评估或计划使用人工智能技术的图书馆的主要目的

Figure 2: The primary objectives for libraries that are actively evaluating or planning to use AI technologies



- 支持学生学习 (52%)
- 支持研究卓越性 (47%)
- 使内容更容易被发现 (45%)



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GenAI时代如何避免“AI幻觉”问题

GenAI的“一本正经的胡说八道”

让ChatGPT推荐文献——“看着很真，都是假的！”

真实案例分享

我跟你讲，我昨天让chatgpt帮我找文献

他给我出来好多文献，然后还有链接，结果点进去都是page not found

然后我自己去查，发现全是假文献！

看着很真，都是假的！

Sure! The Activated Sludge (AS) process is a common wastewater treatment method that influences the abundance and activity of various microbial taxa and functional groups. Here are some academic papers and resources that discuss the impact of the AS process on floc-forming bacteria, planktonic bacteria, and other related microbial dynamics:

1. **"Effect of Aeration on the Composition of Activated Sludge Microbial Communities"**
 - **Authors:** K. T. Leung, M. Y. Wang, et al.
 - **Journal:** Water Research, 2015
 - **Abstract:** This paper explores how different aeration strategies influence the microbial communities in activated sludge systems, with a focus on the abundance of floc-forming versus planktonic bacteria.
2. **"Microbial Community Dynamics and Function in Activated Sludge Systems"**
 - **Authors:** J. M. Van Der Zee, P. J. H. M. Schmidt, et al.
 - **Journal:** Applied and Environmental Microbiology, 2014
 - **Abstract:** The study investigates changes in microbial community structure and function in response to different operational parameters, including aeration and sludge recycling.
3. **"The Impact of Sludge Recycling on the Stability and Performance of Activated Sludge Systems"**
 - **Authors:** M. C. R. Oliveira, F. P. Almeida, et al.
 - **Journal:** Water Science and Technology, 2016
 - **Abstract:** This research discusses how the recycling of sludge affects microbial populations, with particular emphasis on the balance between floc-forming and planktonic bacteria.
4. **"Flocculation and Filamentous Bacteria in Activated Sludge: The Role of Aeration and Sludge Age"**



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GenAI幻觉不是例外，而是常态

用于研究发现和总结的人工智能和生成式人工智能

AI and Generative AI for Research Discovery and Summarization

HIDE DETAILS x

Contributors (2)

Published

DOI

Appears in Collections (2)



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Apr 30, 2024

10.1162/99608f92.7f9220ff

Issue 6.2, Spring 2024
Cornucopia

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Department of Statistics, Harvard University, Cambridge, Massachusetts, United States of America

(2024). AI and
Discovery
ard Data

99608f92.7f9220



Copy ... More Cite Options

基于LLM的聊天机器人经常遇到幻觉

ChatGPT 中一个特别值得注意的幻觉案例已被多次观察到，即它倾向于捏造参考文献或引用不存在的来源。

在引用的178篇参考文献中，69篇没有DOI，其中28篇是完全不存在。在59篇参考文献中，41篇（69%）是捏造的，在剩下的18篇有效参考文献中，存在其他类型的问题。

As widely covered in news reports (e.g., [Weise & Metz, 2023](#)) and detailed in technical papers (e.g., [Achiam et al., 2023](#)), [LLM-based chatbots, including ChatGPT, consistently encounter hallucinations](#). This issue goes beyond simple technical glitches, striking at the fundamental principles of how these models are trained and function. The comprehensive survey paper by [Ji et al. \(2023\)](#) offers an in-depth examination of this phenomenon. It presents a detailed analysis of the various aspects and implications of hallucinations in language models, providing a comprehensive overview of how and why hallucinations occur in AI systems.

A particularly notable case of hallucination in ChatGPT, which has been observed in multiple instances, is its tendency to fabricate references or cite [nonexistent sources](#). For example, in a study investigating the frequency of AI hallucinations in research proposals generated by ChatGPT, it was discovered that out of 178 references cited, 69 did not have a Digital Object Identifier (DOI), and 28 of these were found to be completely nonexistent ([Alkaissi & McFarlane, 2023](#)). Similarly, another study evaluating the quality of the answers and the references provided by ChatGPT for medical questions found that, [out of the 59 references included in the primary analysis, 41 \(69%\) were fabricated](#). Moreover, among the remaining 18 valid references, several had other types of issues: three contained minor citation inaccuracies, and five had major citation errors ([Gravel et al., 2023](#)).

[Such hallucinations are not the exception, but rather the norm](#). We requested ChatGPT to provide five recent papers on 'multidimensional scaling' from the past decade. The search results are presented in Figure 2. While these results initially seem credible, a closer look found that two of the five papers (citations 1 and 4) listed actually do not exist. Moreover, among the three valid references, each contains citation inaccuracies, including nonexistent

科睿唯安学术AI平台——致力于负责任地应用AI

- 以检索增强生成(RAG)、文档解析和元数据功能为核心，在权威可信的学术内容中寻找答案
- 专注在学术研究方面的负责任且可信的垂直大模型
- 使用严格的测试方法确保答案的准确性和完整
- 支持将 AI 查询翻译成多种语言，从而确保更广泛的可访问性和包容性
- 由图书馆和研究人员共同体组成的AI咨询委员会，直接获取反馈用于指导开发

AI驱动的方案

Web of Science | ProQuest One | Ebook Central
Primo | WoS Research Intelligence | Specto | Collecto

科睿唯安学术AI平台

自然语言、语义搜索、文档解析、推荐、翻译

科睿唯安AI咨询委员会

检索增强生成 (RAG)

大语言模型 (LLM)

科睿唯安精选内容

通用型GenAI 工具 vs WOS研究助手

通用型GenAI工具

- 数据来源：公开的互联网数据、书籍和文献、对话数据、用户提供的数据
- 生成的结果：存在一本正经胡说八道的可能，需要进一步对结果和参考来源进行验证
- 目的：功能多样，可直接提供答案（即使没有答案也可以编造）

WOS Research Assistant (研究助手)

- 数据来源：经过同行评审的文献数据 (WOSCC)
- 生成的结果：可信、透明
- 目的：更高效、智能地利用文献信息进行科研，提供更多科研上的引导

生成式AI: Web of Science Research Assistant (研究助手)

Web of Science Research Assistant 更智能地助力研究发现



- ✓ 负责任的生成式人工智能研究助手
- ✓ 基于最值得信赖的引文索引数据库——WOS核心合集（经过严格遴选的同行评审期刊）
- ✓ 支持多语言搜索
- ✓ 引导式助您深入探索
- ✓ 交互式可视化展现

Web of Science核心合集

- Science Citation Index Expanded (SCIE, 科学引文索引) 1900年至今
178个自然科学领域的9,400多种高质量学术期刊
- Social Sciences Citation Index (SSCI, 社会科学引文索引) 1900年至今
58个社会科学领域的3,500多种权威学术期刊
- Arts & Humanities Citation Index (AHCI, 艺术与人文引文索引) 1975年至今
28个人文艺术领域1,800多种国际性的学术期刊
- Emerging Sources Citation Index (ESCI, 新兴资源引文索引) 2005年至今
250+个学科的8,700多种国际性学术期刊
- Conference Proceedings Citation Index- Science+ Social Science & Humanities (会议录引文索引- 自然科学版+社会科学与人文版) 1990年至今
超过225,000个会议录, 涉及250多个学科
- Book Citation Index - Science + Social Science & Humanities (图书引文索引-自然科学版 + 社会科学与人文版) 2005年至今
收录超过129,000种学术专著, 同时每年增加10,000种新书
- IC/CCR(化学类数据库)
包括超过125万种化学反应信息及655万种化合物

GenAI基础 ——高质量数据

- 涵盖了2万+同行评审期刊、专著、会议录等多种文献类型
- 客观、择优、动态收录的选刊机制
- 更严谨和完备的数据加工
- 超百年的数据深度

智能发现工具，节约研究时间



- ✓ 使用自然语言、**多语言**查询进行高效搜索。



- ✓ 通过简明的概述和评论更快地掌握核心概念。



- ✓ 通过动态可视化发现有意义的关联。

更高效地搜索 & 快速掌握 核心概念

- ✓ 自然语言、多语言搜索
- ✓ 以您的搜索语言提供简明、可供参考的概述
- ✓ 可验证的应答
- ✓ 基于超过 120 年的文献范围



语言习得理论涉及多种学派，如结构主义、生成语言学和基于语言使用的语言学。生成语法学家倾向于理性主义，认为语言能力的结构反映了先天的指导，而不是环境影响[4]。与之相对，一些理论家主张经验主义观点，认为发展起来的语言能力结构反映了语言环境[4]。此外，学习理论和语言习得领域的独立发展曾阻碍了两个领域的进展[5]。然而，最近在将学习理论应用于语言以及利用语言学习数据推进领域通用学习理论方面取得了令人兴奋的进展[5]。这些发展为领域之间的信息双向流动带来了希望[5]。综上所述，语言习得理论的研究涉及多种学派观点，而学习理论和语言习得领域之间的互动对于两个领域的发展至关重要。

I searched for documents with topic "language acquisition theories" and I found more than 10,000 total. Listed below are the 5 most relevant articles:

Exploring language diversity: A commentary on Kidd and Garcia (2022)

Pye, C
2022 | FIRST LANGUAGE

2
Citations

William Dwight Wright's study of language acquisition in *The Life and Growth of the Science of Language* (1875)

Subbiondo, JL
2023 | LANGUAGE & HISTORY

Defragmenting Learning

Kapatsinski, V
2023 | COGNITIVE SCIENCE

2
Citations

Learning from Mayan Tzotzil: A commentary on Kidd and Garcia (2022)

De León, L
2022 | FIRST LANGUAGE

2
Citations

"Zoi puchukehegelu ni mapuzungun engun: A review of studies on children's speech in mapuzungun

Vivar, P. Henríquez, M
2019 | CUHSO-CULTURA-HOMBRE-SOCIEDAD

[View additional documents relevant to this response →](#)

通过动态可视化发现有意义的联系



探索相关主题以缩小或扩大您的搜索范围



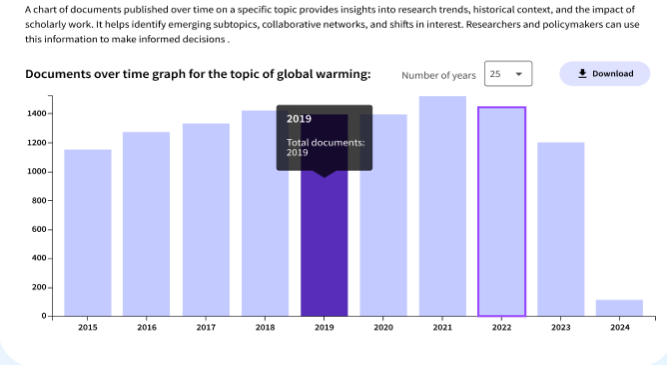
确定某个领域的趋势以帮助确定您的研究方向



生成网络来可视化人与论文之间的联系

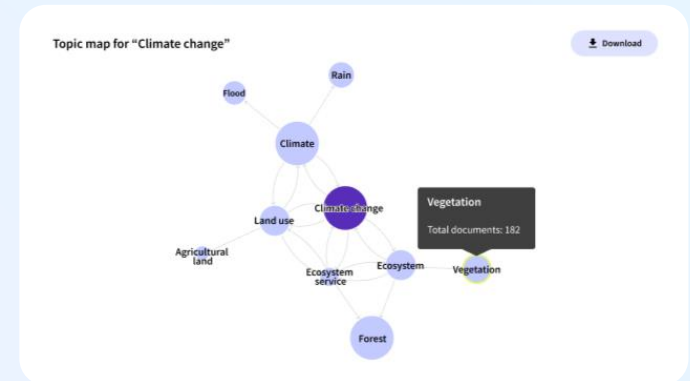
文章随时间变化图

Patterns of publishing on this topic



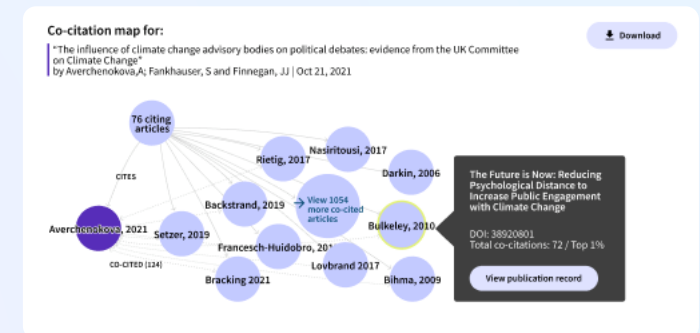
主题关系图

See related and connected concepts



引文网络图

See related documents
Co-citation map



Web of Science研究助手让您的科研更加智能

刚进入一个陌生领域, 如何快速入门? ? ?

该领域有哪些关键概念?

该领域有哪些重要的文献?

该领域有哪些活跃研究人员?

如何快速了解一篇文章的主要研究内容?

该领域整体的研究趋势是什么?

该领域有什么最新进展?

有哪些可以投稿的SCI/SSCI/AHCI期刊?

1. 研究助手：带您轻松探索新研究领域

Research Assistant

通过提出问题开始新聊天

语言习得有哪些不同的理论?

直接用中文/英文提出您的研究问题

选择引导式任务:



理解主题

通过以演练方式理解某个主题的关键概念、论文和作者，快速成为专家。



文献综述

轻松收集和评参考资料。

示例问题:

高等教育政策和治理领域出现了哪些新趋势和挑战?

过去 12 个月中哪些机构发表了最多篇有关气候变化的文献?

Research Assistant

Qi Wei

基于WOS核心合集集中的摘要信息快速生成回答，并对来源文献进行标引

语言习得有哪些不同的理论?

QW

语言习得的不同理论包括：对于研究语言习得中语言多样性的关注，需要建立新的习得研究基础设施[1]；Whitney在19世纪末的科学语言学中将语言习得作为研究的起点，提出语言始于语言习得，并持续演变以满足说话者的社会和个人需求[2]；学习理论和语言习得之间的独立发展阻碍了两个领域的进展，但最近开始将学习理论应用于语言，并利用语言学习数据推进领域通用学习理论[3]；Vygotsky的互动主义理论强调社会互动对儿童认知发展的重要性，对语言教师具有潜在的影响[7]；认知负荷理论实验性地测试了通过第二语言学习内容是否超过了减少内容习得的劣势，结果表明先用母语听内容有利于内容和语言习得[8]。综上所述，语言习得涉及多个理论，包括语言多样性、学习理论、互动主义理论和认知负荷理论。这些理论在不同方面解释了语言习得的复杂性，但目前仍没有一种理论能够全面解释母语习得的过程。

Copy Text

我已检索文献 带有 主题 "theories" 和 "language acquisition" 并且我总共找到超过 10,000 篇。以下列出 5 篇 最相关文献。

查看 8 篇参考的文献

查看参考来源 (最相关的文献)

您接下来想查看哪些内容?

关于 language acquisition 的文献随时间变化的图表
查看有关此主题的发表模式

查看相关和联系的概念
主题关系图

查看有关此主题的排名靠前作者
最常引用和关联的作者

我想了解有关语言习得的重要论文

语言习得的不同理论是什么?

请问儿童语言习得理论中有哪些重要研究者?

2. 研究助手：帮您快速定位基础研究和最新进展

快速定位基础研究以及推荐重要的原创性论文

石墨烯是一种稳定、金属性和质量极高的二维金属材料，具有强大的双极电场效应，可以通过施加物理学和潜在应用，引领了新的“相对论”凝聚态物理范式，可以在台面实验中模拟和测试一些高能物理中受到狄拉克（相对论）方程的支配，呈现出许多不寻常的现象，如电导率不会低于量子导电的最小值，是一种理想的二维系统，具有独特的电子性质，可以观察到半整数量子霍尔效应和贝里相的存在[4]。石墨烯的堆叠方式和层数会影响其电子性质[6]。通过将石墨烯片层分散到聚合物基质中，可以获得具有优异性能[7]。这些二维晶体具有高质量和稀

可以给我找一些关于石墨烯的基础研究论文吗? QW

展示了新的物理现象的电子传输[3]。石墨烯导电电子，不同的可能性

以下是一些原创性论文:

- 1. **Electric field effect in atomically thin carbon films**
Novoselov, KS; Geim, AK; (...); Firsov, AA
OCT 22 2004 SCIENCE 54,730 被引频次 查看更多
- 2. **The rise of graphene**
Geim, AK and Novoselov, KS
MAR 2007 NATURE MATERIALS 34,453 被引频次 查看更多
[查看期刊影响](#)
- 3. **T** 在 Web of Science 内检索 Dirac fermions in
Novoselov, KS; Geim, AK; (...); Firsov, AA
NOV 10 2005 NATURE 18,258 被引频次 查看更多
- 4. **Experimental observation of the quantum Hall effect**
Zhang, YB; Tan, YW; (...); Kim, P
NOV 10 2005 NATURE 11,760 被引频次 查看更多

Konstantin Novoselov
康斯坦丁·诺沃肖洛夫
因发现石墨烯而获得2010年诺贝尔物理学奖

AK Geim 安德烈·盖姆, 与康斯坦丁·诺沃肖洛夫一同获得2010年诺贝尔物理学奖

2. 研究助手：帮您快速定位基础研究和最新进展

快速了解最新研究进展以及推荐重要的最新研究论文

what are the latest advancements in Copper-induced tumor cell death?

QW



快速总结关于“铜诱导肿瘤细胞死亡”的最新进展

Recent advancements in copper-induced tumor cell death include the identification of cuproptosis as a novel form of regulated cell death [2]. Cuproptosis is tightly associated with mitochondrial respiration and oxidative stress. [查看 8 篇参考的文献](#)

involves the interaction of copper with lipoylated proteins, leading to mitochondrial dysfunction. Cuproptosis has been linked to the regulation of oxidative stress, immune response, and cell cycle. Identifying cuproptosis-related genes and copper-containing compounds that target these pathways can help researchers understand how copper behaves within cancer cells to develop effective treatment strategies. Further research on the mechanisms of cuproptosis and its association with mitochondrial respiratory chain components will lead to more targeted treatments.

Copy Text

Using your query, I searched the Web of Science Core Collection for "copper-induced tumor cell death" and I found a total of 10 articles. Below are 5 of the most recent articles.

I have used the document information and abstracts from 8 of the 10 articles by clicking the references in the response. To view the full list, click the link below.

1 Plumbagin's Antiproliferative Mechanism in Human Cancer Cells: A Copper-Dependent Cytotoxic Approach

El Oirdi, M

AUG 2024

CHEMICAL BIOLOGY & DRUG DESIGN

2 Cuproptosis, the novel type of oxidation-induced cell death in thoracic cancers: can it enhance the success of immunotherapy?

Zhao, RW; Sukocheva, O; (...); Fan, RT

JUL 27 2024

CELL COMMUNICATION AND SIGNALING

3 Focus on cuproptosis: Exploring new mechanisms and therapeutic application prospects of cuproptosis regulation

Hao, DL; Luo, W; (...); Zhou, J

SEP 2024

BIOMEDICINE & PHARMACOTHERAPY

4 Copper-Induced Supramolecular Peptide Assemblies for Multi-Pathway Cell Death and Tumor Inhibition

Zhang, XY; Zhang, BY; (...); Gao, J

2024

ANGEWANDTE CHEMIE-INTERNATIONAL EDITION

3. 研究助手引导您进一步深入研究

查看文章详情、被引参考文献深度分析、了解这篇文章被引用的原因

查看 8 篇参考的文献

- 1 Exploring language diversity: A commentary on Kidd and Garcia (2022)
Pye, C
DEC 2022 | FIRST LANGUAGE ▾ 2 被引频次 : 查看更多
- 2 The advantages of listening to academic content in a second language may be outweighed by disadvantages: A cognitive load theory approach
Roussel, S; Tricot, A and Sweller, J
JUN 2022 | BRITISH JOURNAL OF EDUCATIONAL PSYCHOLOGY ▾ 5 被引频次 : 查看更多
- 3 Defragmenting Learning
Kapatsinski, V
JUN 2023 | COGNITIVE SCIENCE ▾ 2 被引频次 : 查看更多
- 4 Learning from Mayan Tzotzil: A commentary on Kidd and Garcia (2022)
de León, L
DEC 2022 | FIRST LANGUAGE ▾ 2 被引频次 : 查看更多

用第二语言聆听学术内容的优势可能会被劣势所抵消：认知负荷理论方法

Research Assistant

点击文章标题
查看文章详情

文献详情

The advantages of listening to academic content in a second language may be outweighed by disadvantages: A cognitive load theory approach

在线发表

查看全记录 保存

作者
Roussel, S; Tricot, A and Sweller, J

Journal BRITISH JOURNAL OF EDUCATIONAL PSYCHOLOGY
卷: 92 期: 2 页: 627-644
10.1111/bjep.12468

摘要
Background It is frequently implicitly assumed that advantages in language acquisition when learning content through a second language exceed the disadvantages of reduced content acquisition. Aims Based on cognitive load

您接下来想查看哪些内容?

- 关于 language acquisition 的文献随时间变化的图表
查看有关此主题的发表模式
- 查看相关和联系的主题关系图
- 我想了解关于语言习得的重要论文
What are the key differences between beha
- How do interactionist theories of language acquisition differ from cognitive theories?

- 查看相关文献
共同引用关系图
- 分析此文献的参考文献
被引参考文献关系图深度分析
- 此文献被提及的方式
按分类引用项目图表

3. 研究助手引导您进一步深入研究

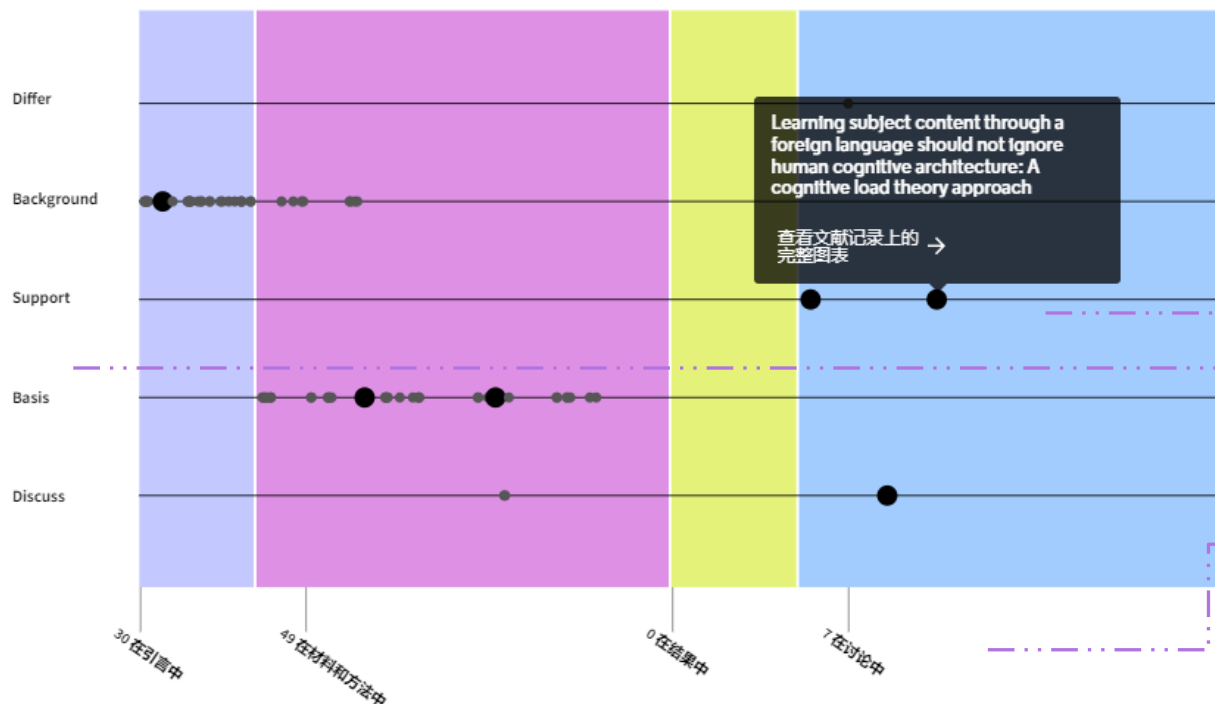
被引参考文献深度分析--基于当前文献快速找到更多重要的前序研究文献

被引参考文献深度分析了解这篇文章是怎么引用前人的文献

在该文中最常被提及的参考文献

被引参考文献深度分析:

"The advantages of listening to academic content in a second language may be outweighed by disadvantages: A cognitive load theory approach"
by Roussel et al. | 2022



5 篇最常提及的参考文献:

[查看所有参考文献](#)

- 1** Learning subject content through a foreign language should not ignore human cognitive architecture: A cognitive load theory approach
Roussel, S; Joulia, D; (...); Sweller, J
DEC 2017 | LEARNING AND INSTRUCTION
6 mentions
68 被引频次 [: 查看更多](#)
- 2** A systematic review of English medium instruction in higher education
Macaro, E; Curle, S; (...); Dearden, J
JAN 2018 | LANGUAGE TEACHING
6 mentions
549 被引频次 [: 查看更多](#)
- 3** COGNITIVE LOAD THEORY
Sweller, J
2011 | PSYCHOLOGY OF LEARNING AND MOTIVATION: COGNITION IN EDUCATION
4 mentions
745 被引频次 [: 查看更多](#)
- 4** Language policies in the context of German higher education
Erling, E.J.
2006 | Language Policy
3 mentions
50 被引频次
- 5** Cognitive Architecture and Instructional Design: 20Years Later
Sweller, J; van Merriënboer, Jjg and Paas, F
JUN 2019 | EDUCATIONAL PSYCHOLOGY REVIEW
3 mentions
726 被引频次 [: 查看更多](#)

3. 研究助手引导您进一步深入研究

按分类引用的项目--了解这篇文章是怎么被引用的

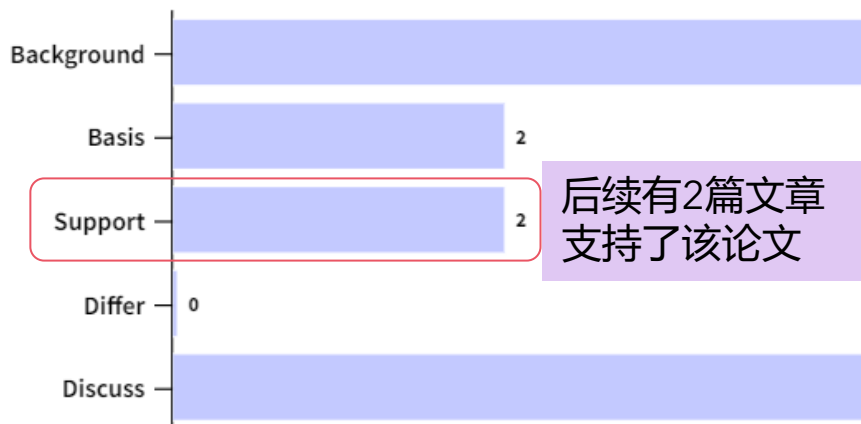


根据可用的引文上下文数据和其中摘录，对此文献的提及方式进行

按分类引用项目:

"Learning subject content through a foreign language should not i approach"

by Roussel, S;Joulia, D;Sweller, J | DEC 2017



后续有2篇文章支持了该论文

The advantages of listening to academic content in a second language may be outweighed by disadvantages: A cognitive load theory approach

Roussel, S; Tricot, A and Sweller, J

Jun 2022 | BRITISH JOURNAL OF EDUCATIONAL PSYCHOLOGY | 92 (2) , pp.627-644

被引参考文献深度分析

Background It is frequently implicitly assumed that advantages in language acquisition when learning content through a second language exceed the disadvantages of reduced content acquisition. Aims Based on cognitive load theory, that assumption was tested experimentally. The theory is concerned with techniques for reducing extraneous working memo ... 显示更多

知识库中的免费已发表文章 出版商处的全文 ...

5
被引频次
58
参考文献

相关记录

文内提及 (6) 在这篇施引文献中总共被提及的次数

"This study advances Roussel et al. (2017)'s work, with oral rather than written presentations of the material."

查找范围: "Methods"

部分: Methods 分类: Basis

"This conclusion is in line with previous research work (Roussel et al., 2017) using written text rather than the spoken text of the current experiment."

查找范围: "Discussion"

部分: Discussion 分类: Support

引用语境: "This conclusion is in line with previous research work (Roussel et al., 2017) using written text rather than the spoken text of the current experiment."

"Our results also confirm previous findings (Roussel et al., 2017), in this case using spoken rather than written language, that a policy of immersion in a second language without explicit language instruction when acquiring content may be misguided when applied to novice, adult learners."

查找范围: "Discussion"

部分: Discussion 分类: Support

3. 研究助手引导您进一步深入研究

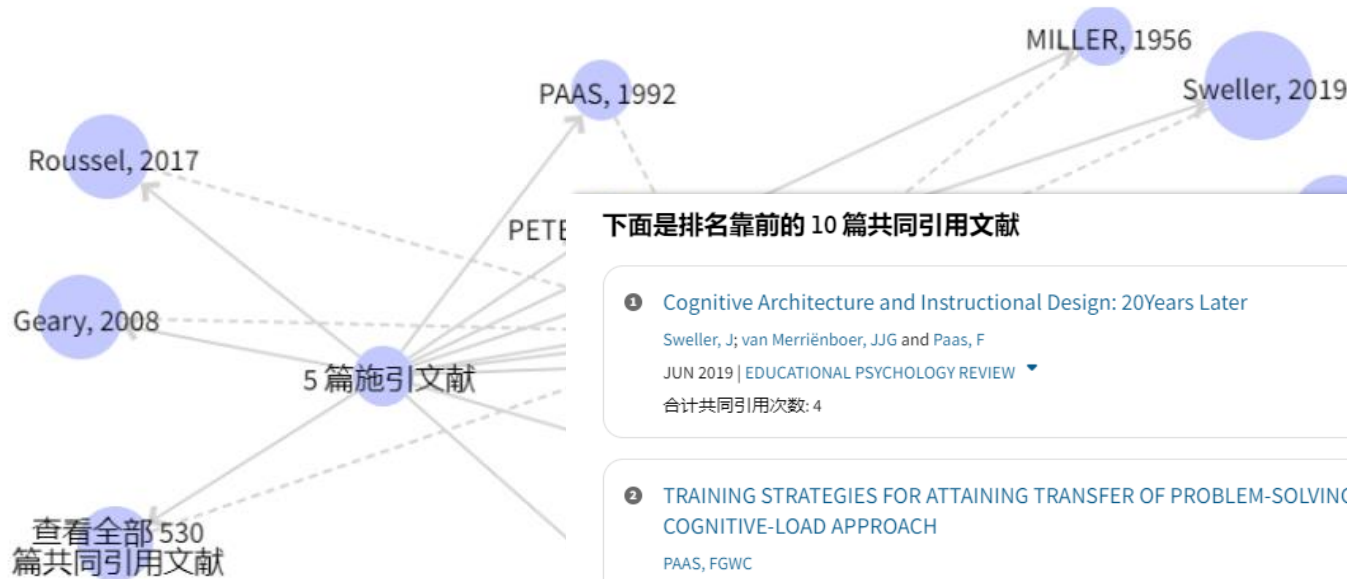
共同引用关系图快速定位更多相关文献

如下方面的共同引用关系图: 了解这篇文章与其施引文献之间的共同引用关系图

"The advantages of listening to academic content in a second language may be outweighed by disadvantages: A cognitive load theory approach"
by Roussel, S;Tricot, A;Sweller, J | JUN 2022

下载

当两篇文献被共同引用时，这意味着它们被其他文献一起引用。两篇文献被共同引用的次数越多，它们的共同引用强度就越高，这表明它们在语义上是相关的。通过分析哪些文献经常被一起引用，我们可以识别出关键文献并了解科学思想的演变。



下面是排名靠前的 10 篇共同引用文献

1 Cognitive Architecture and Instructional Design: 20Years Later
Sweller, J; van Merriënboer, JIG and Paas, F
JUN 2019 | EDUCATIONAL PSYCHOLOGY REVIEW
合计共同引用次数: 4

706
被引频次

查看更多

2 TRAINING STRATEGIES FOR ATTAINING TRANSFER OF PROBLEM-SOLVING SKILL IN STATISTICS - A COGNITIVE-LOAD APPROACH
PAAS, FGWC
DEC 1992 | JOURNAL OF EDUCATIONAL PSYCHOLOGY
合计共同引用次数: 2

1,221
被引频次

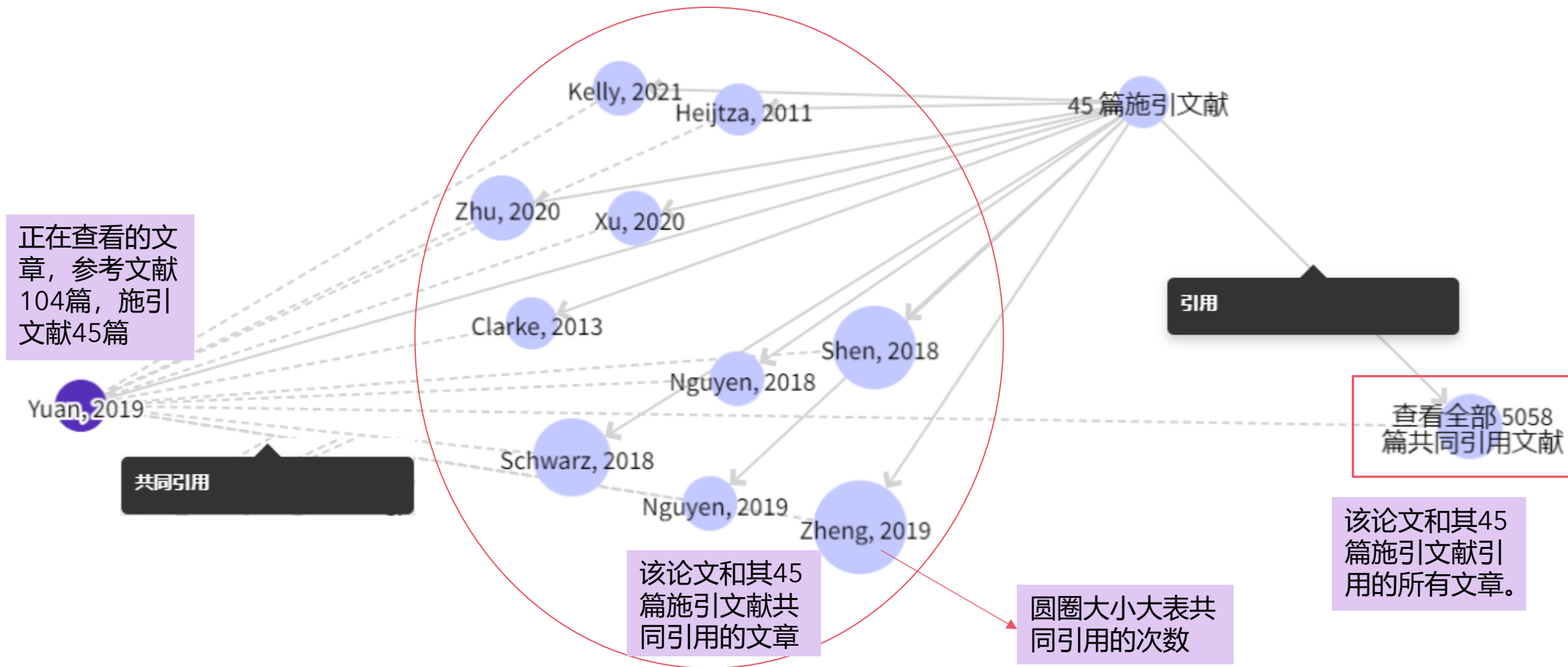
查看更多

3 The magical number 4 in short-term memory: A reconsideration of mental storage capacity
Cowan, N
FEB 2001 | BEHAVIORAL AND BRAIN SCIENCES

4,201
被引频次

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3. 研究助手引导您进一步深入研究 共同引用关系图快速定位更多相关文献



3. 研究助手引导您进一步深入研究

引导式深入探索--您接下来想查看哪些内容?

您接下来想查看哪些内容?

关于 language acquisition 的文献随时间变化的图表
查看有关此主题的发表模式

查看相关和联系的概念
主题关系图

查看有关此主题的排名靠前作者
最常引用和关联的作者

我了解关于语言习得的重要论文

不同的语言习得理论是什么?

语言习得理论中有哪些重要的研究人物?

快速了解研究趋势

关于 language acquisition 的文献随时间变化的图表

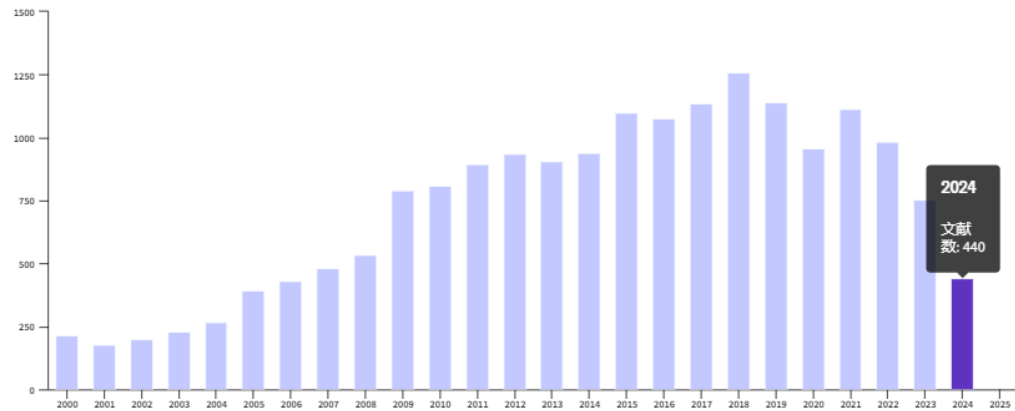
QW

关于特定主题随时间发表的文献图表可以提供有关研究趋势、历史背景和学术工作影响的见解。该见解有助于识别新兴的子主题、协作网络和兴趣变化。

language acquisition 的相关文献随时间推移的图表:

年数 25

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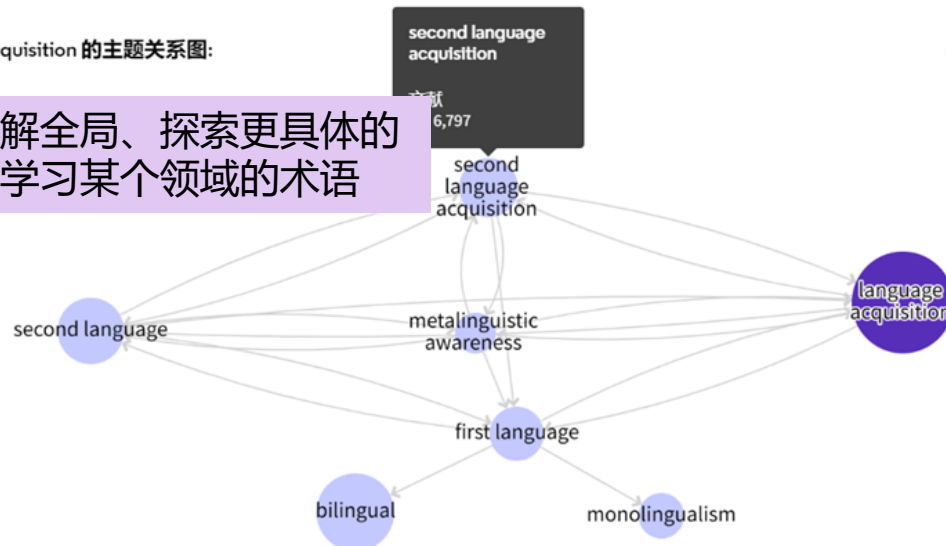
主题关系图可以帮助您了解全局、探索更具体的主题并学习某个领域的术语。

此主题关系图显示主题之间的关系，该关系由涵盖相同主题的文献决定。气泡的大小表示有多少关于该主题的文章，而箭头显示哪些主题相互引用。

language acquisition 的主题关系图:

下载

快速了解全局、探索更具体的主题并学习某个领域的术语



3. 研究助手引导您进一步深入研究

引导式深入探索--快速了解该领域排名靠前的研究人员

Stephen Pit Corder (1918-1990), 是爱丁堡大学应用语言学的教授, 他还是英国应用语言学协会的第一任主席, 并对应用语言学领域在英国的发展起到了重要作用

以下是 language acquisition 主题的排名靠前作者:

CORDER, SP

University of Edinburgh
Web of Science Researcher ID: ERC-8136-2022

Topics (10)

Language Linguistics Language acquisition Africa Dialect >

查看作者个人信息

Chomsky, Noam

University of Arizona
Web of Science Researcher ID: EQH-2532-2022

Topics (10)

Language Noam Chomsky Evolution United States Grammar >

查看作者个人信息

MacWhinney, B

Carnegie Mellon University
Web of Science Researcher ID: DGO-9379-2022

Topics (10)

Language Language acquisition Child Sentence processing >

查看作者个人信息

LAMBERT, WE

McGill University
Web of Science Researcher ID: FFD-8528-2022

Topics (10)

Multilingualism Bilingual Language Satiation Ethnic groups >

查看作者个人信息

Avram Noam Chomsky 美国语言学家, 有时被誉为现代语言学之父, 也是亚利桑那大学语言学系的荣誉教授和麻省理工学院语言学系的荣誉退休教授

Brain MacWhinney, 美国卡内基·梅隆大学心理、现代语言及语言技术研究所, 是母语及二语习得、心理语言学及神经语言学领域的领军研究者之一

Wallace E. Lambert (1922-2009), 是心理语言学和社会语言学的创始人之一, 被广泛认为是双语心理学研究之父。

3. 研究助手引导您进一步深入研究

- 引导式深入探索--层层递进为您提供进一步研究思路

what are the latest advancements in Copper-induced tumor cell death? QW

Recent advancements in copper-induced tumor cell death associated with mitochondrial respiration and oxidative stress involves the interaction of copper with lipoylated proteins, has been linked to the regulation of oxidative stress, immunoproteasome-related genes and copper-containing compounds. Copper-induced tumor cell death in breast cancer involves mechanisms such as oxidative stress, endoplasmic reticulum stress, nucleolar stress, and proteasome inhibition [1]. Silencing of p53 affects the expression of metallothioneins (MTs) in response to copper, leading to reduced sensitivity towards copper-induced cell death [2]. Additionally, c-Myc has been linked to cancer stemness and copper-induced cell death in breast cancer tissues, indicating a potential role in tumor progression [3]. The concept of cuproptosis, a form of cell death triggered by copper, targets the tricarboxylic acid cycle via protein lipoylation, and has implications in tumorigenesis and tumor progression [4]. In conclusion, the pathways involved in copper-induced tumor cell death in breast cancer encompass oxidative stress, p53 regulation of MTs, c-Myc association with cancer stemness, and the novel concept of cuproptosis.

What are the specific pathways involved in copper-induced tumor cell death in breast cancer? QW

Copper-induced tumor cell death in breast cancer involves mechanisms such as oxidative stress, endoplasmic reticulum stress, nucleolar stress, and proteasome inhibition [1]. Silencing of p53 affects the expression of metallothioneins (MTs) in response to copper, leading to reduced sensitivity towards copper-induced cell death [2]. Additionally, c-Myc has been linked to cancer stemness and copper-induced cell death in breast cancer tissues, indicating a potential role in tumor progression [3]. The concept of cuproptosis, a form of cell death triggered by copper, targets the tricarboxylic acid cycle via protein lipoylation, and has implications in tumorigenesis and tumor progression [4]. In conclusion, the pathways involved in copper-induced tumor cell death in breast cancer encompass oxidative stress, p53 regulation of MTs, c-Myc association with cancer stemness, and the novel concept of cuproptosis.

Using your query, I searched the Web of Science Core Collection for documents 带有主题 "copper-induced tumor cell death" 和 "breast cancer" 并且我总共找到 733,633 篇。以下列出 5 篇最相关文献。

I have used the document information and abstracts from 8 of these to answer your query and introduce you to the relevant research. You can view more about the documents by clicking the references in the response. To view the full set of results, click on 'View additional documents relevant to this response' at the end of the list.

查看 8 篇参考的文献

您接下来想查看哪些内容?

- 我想了解有关铜诱导乳腺癌肿瘤细胞死亡的开创性论文
- 铜诱导乳腺癌肿瘤细胞死亡的分子机制是什么?
- 针对铜代谢可以成为乳腺癌治疗的潜在治疗策略吗?

关于 copper toxicosis 的文献随时间变化的图表
查看有关此主题的发表模式

查看相关和联系的概念
主题关系图

查看有关此主题的排名靠前者
最常引用和关联的作者

I want to know about seminal papers on Copper-induced tumor cell death in breast cancer

What clinical trials are currently investigating Copper-induced tumor cell death in breast cancer?

I want to know about seminal papers on Copper-induced tumor cell death in breast cancer

What are the molecular mechanisms underlying copper-induced tumor cell death in breast cancer?

Can targeting copper metabolism be a potential therapeutic strategy for breast cancer treatment?

Clarivate™

Web of Science研究助手更多智能化功能

1. 文献综述不知如何下手?

- Web of Science研究助手带您入门

通过提出问题开始新聊天

提出研究问题 

选择引导式任务:

**理解主题**
通过以演练方式理解某个主题的关键概念、论文和作者，快速成为专家。

**文献综述**
轻松收集和评估感兴趣主题或概念所需的参考资料。

**查找期刊**
查找合适的期刊以在其中发表您的作品。

示例问题:

高等教育政策和治理领域出现了哪些新趋势和挑战? 

谁是遗传学领域的顶尖研究人员? 

过去 12 个月中哪些机构发表了最多篇有关气候变化的文献? 

您可以找到有关超分辨率显微镜的最新研究吗? 



我将帮助您使用主题关系图进行文献审阅。您正在撰写的研究问题是什么？

生成式人工智能的伦理问题

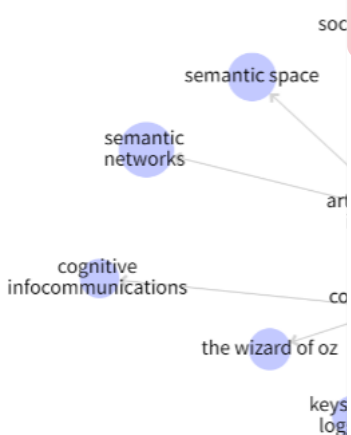
QW

使用主题关系图，您可以了解围绕研究问题的主题概况，同时了解有助于您获取相关文献的检索词。

相关主题:

使用主题关系图，您可以了解围绕研究问题的主题概况，同时了解有助于您获取相关文献的检索词。

↓ 下载



与您的研究问题相关的论文:

给您推荐最相关的文献

如果您发现一篇与自己的研究问题特别相关的论文，您可以单击“查看更多”菜单并选择“查看相关论文: 共同引用关系图”，通过查看哪些论文被共同引用来使用该论文查找相关文献。

1 The nature, importance, and difficulty of machine ethics

Moor, JH

JUL-AUG 2006 | IEEE INTELLIGENT SYSTEMS ▾

281

被引频次

⋮ 查看更多

2 Prolegomena to any future artificial moral agent

Allen, C; Varner, G and Zinser, J

JUL-SEP 2000 | JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE ▾

154

被引频次

⋮ 查看更多

3 Machine ethics: Creating an ethical intelligent agent

Anderson, M and Anderson, SL

168

被引频次

⋮ 查看更多

您接下来想查看哪些内容?



关于 machine ethics 的文献随时间变化的图表
查看有关此主题的表达模式



查看有关此主题的排名靠前作者
最常引用和关联的作者

我想了解有关生成人工智能伦理问题的重要论文

有关生成人工智能在自动驾驶汽车中的伦理问题的研究。

2. 论文手稿完成该投哪本期刊?

Web of Science研究助手给您推荐

Research Assistant Qi Wei

通过将您的文献标题和摘要与相关期刊进行匹配，我们可以找到适合您所发表论文的期刊。

首先，请提供您的文献标题。

In

以下是与您文献相匹配的前 5 种期刊。

FRONTIERS IN PSYCHOLOGY	匹配分数 ●
	0.99
出版商	FRONTIERS MEDIA SA, AVENUE DU TRIBUNAL FEDERAL 34, LAUSANNE, SWITZERLAND, CH-1015
ISSN / eISSN	1664-1078 / 1664-1078
Web of Science 核心合集	Social Sciences Citation Index
其他索引	Current Contents Clinical Medicine Current Contents Social And Behavioral Sciences Essential Science Indicators
COGNITION	匹配分数 ●
	0.42
出版商	ELSEVIER, RADARWEG 29, AMSTERDAM, Netherlands, 1043 NX

化繁为简

用一个简单的问题替代构建复杂检索式

1. 对某（几）篇文章进行总结--用DOI或者文章标题或者WOS入藏号

示例 “总结一下这篇文章DOI: 10.1126/science.1228026” 或者 “Summarize the paper titled 'The potential impact of droplet microfluidics in biology'”

The screenshot displays a user interface for a research summary tool. At the top, a search bar contains the query: "总结一下这篇文章DOI: 10.1126/science.1228026". Below the search bar, there are several panels. On the left, a panel titled "我已检索文献 带有 DOI" shows search results for "A Reconst..." by Marcott, SA; et al., dated MAR 8 2013. Below this, there are buttons for "查看与此回复相关" and "总结这篇文章DOI: 10.1126/science.1228026". In the center, a panel titled "Using your query" shows a list of "最相关文献" (Most relevant literature) including "Restorati..." by Parry, LE; et al., dated JAN 15 2013. Below this, there are buttons for "查看与此回复相" and "请帮我总结一下这些文". On the right, a panel titled "请帮我总结一下这些文章" shows a list of article IDs and a summary of the results. The summary states: "Using your query, I searched the Web of Science Core Collection for documents 带有 DOI '10.1109/TNET.2023.3274631', '10.1016/j.apcatb.2023.123226', '10.1109/TMC.2023.3278668', '10.1109/TMC.2023.3240763', '10.1109/TMC.2023.3289611', '10.1016/j.cja.2023.04.009', '10.1142/S0217595923500264', '10.3934/jimo.2023136', '10.1016/j.jmrt.2024.01.226', '10.1021/acsami.3c16165', '10.1142/S0217595924500039', '10.3390/math12040610' and '10.1016/j.jmrt.2023.11.255' 并且我总共找到 13 篇。以下列出 5 篇最相关文献。" Below the summary, there is a list of "5 篇最相关文献" (5 most relevant literature) including "A Blockchain-Based Scheme for Secure Data Offloading in Healthcare With Deep Reinforcement Learning" by He, Q; Feng, Z; (...); Yu, KP, with a citation count of 46. Below the list, there is a section titled "这些文献中所讨论想法的摘要:" (Summary of ideas discussed in these literature) containing a detailed summary of the research findings. At the bottom, there are three buttons: "请问这些文章中是否有关于人工智能领域的研究?", "请问这些文章是否涉及到材料科学方面的内容?", and "请问这些文章是否提到了在中国进行的研究?".

2. 文献推荐

“Suggest some papers on climate change” 或者 “请给我推荐一些气候变化相关的文献”

请给我推荐一些气候变化相关的文献 QW

文档中讨论了气候变化对生态系统的影响，包括从极地陆地到热带海洋环境的生态影响[3]。研究表明，气候变化已经对生态系统产生了明显影响，尽管全球变暖的趋势仍处于早期阶段[3]。同时，文献还提到了通过对多个物种和地理区域进行系统趋势分析，可以揭示气候变化的潜在信号[2]。此外，文档还讨论了气候变化对大气环流和降水模式的影响，以及未来气候变化可能对环境和社会产生的影响[4, 5]。最后，文献还提到了通过对气候数据进行再分析，可以为研究人员提供可靠的气候变化比较数据，以及未来每五年更新一次的再分析计划[1]。

🔗 📄 Copy Text

以下是一些原创性论文:

1	The NCEP/NCAR 40-year reanalysis project Kalnay, E; Kanamitsu, M; (...); Joseph, D MAR 1996 BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY ▾	24,341 被引频次	查看更多
2	Summary for Policymakers Field, CB; Barros, VR; (...); Yohe, GW 2014 CLIMATE CHANGE 2014: IMPACTS, ADAPTATION, AND VULNERABILITY, PT A: GLOBAL AND SECTORAL ASPECTS	16,986 被引频次	查看更多
3	AN OVERVIEW OF CMIP5 AND THE EXPERIMENT DESIGN Taylor, KE; Stouffer, RJ and Meehl, GA APR 2012 BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY ▾	11,018 被引频次	查看更多
4	A globally coherent fingerprint of climate change impacts across natural systems Parmesan, C and Yohe, G JAN 2 2003 NATURE ▾	7,572 被引频次	查看更多
5	Ecological responses to recent climate change Walther, GR; Post, E; (...); Bairlein, F MAR 28 2002 NATURE ▾	7,100 被引频次	查看更多
6	AR4 Climate Change 2007: The Physical Science Basis	7,621	查看更多

3. 找某个机构关于某个主题相关

“请帮我找一些哈佛大学在基因编辑方面发

请列举哈佛大学在基因编辑领域的知名教授或研究团队。

QW

Research Assistant

Using your query, I searched the Web of Science Core Collection for documents 带有主
以下列出 5 篇 最相关 文献。

I have used t
documents b
list.

5 篇 最相

1 Preci
Bosch
JAN 5

2 Ther
Ragur
JUL 21

3 Prog

查看与此回复相关的其他文献 →

快速总结

这些文献中所讨论想法的摘要:

基因组精准编辑是研究模式生物基因功能的有价
低的非靶效应[1]。在果蝇模式生物中应用prime
入早期终止密码子[1]。twin prime editing (twinP
术的出现正在深刻改变人类治疗、农业和工业生
法对治疗遗传性视网膜疾病具有巨大潜力，新
经过优化，使其能够进行点突变、插入和删除[8

👍 🗨️ 📄 Copy Text

您接下来想查看哪些内容?

📊 关于 gene editing 的文献随时间变化的图表
查看有关此主题的发表模式

📄 我了解有关基因编辑的重要论文

🔍 请帮我找出哈佛

以下是在 gene editing Harvard University 领域发表最多论文的前 6 位研究人员:

Joung, J. Keith

Massachusetts General Hospital
Web of Science Researcher ID: CWH-1102-2022

学科类别

< gy Hematology Developmental Biology Plant Science: >

查看作者个人信息

J. Keith Joung,
M.D., Ph.D.
Founder and
Inventor



+

Church, George M.

Harvard University
Web of Science Researcher ID: DWS-3484-2022

学科类别

< - Other Topics Biotechnology & Applied Microbiology Ge >

查看作者个人信息

George Church, Ph.D.
美国科学院工程奖获得者
哈佛大学南楼理工学院教授



DL

David R. Liu

🔥 高被引论文

Harvard University
Web of Science Researcher ID: HCH-3132-2022

学科类别

Biochemistry & Molecular Biology Chemistry Science & Techn >

查看作者个人信息

David R. Liu, Ph.D.
Founder and
Inventor



+

Bauer, Daniel E

Broad Inst MIT & Harvard
Web of Science Researcher ID: FYZ-3711-2022

学科类别

Hematology Genetics & Heredity Biotechnology & Applied Mic >

查看作者个人信息

Zhang, Feng

Massachusetts Institute of Technology (MIT)
Web of Science Researcher ID: HQV-0115-2023

Feng Zhang, Ph.D.
Founder and
Inventor



+

Newby, Gregory A.

Harvard University
Web of Science Researcher ID: DVZ-1859-2022

4. 可以添加更多条件，如限定“被引频次” “出版年” 等

“帮我找一些基因编辑相关的被引频次大于1000次的2020年以来的文章”

Research Assistant Qi We

帮我找一些基因编辑相关的被引频次大于1000次的2020年以来的文章 QW

我已检索文献带有引文号，带有出版日期 "2020-01-01 至 2024-08-28" 并且带有主题 "gene editing" 并且我总共找到 59 篇。以下列出 5 篇最近文献。

5 篇最近文献:

1 KEGG for taxonomy-based analysis of pathways and genomes Kanehisa, M; Furumichi, M; (...); Ishiguro-Watanabe, M JAN 6 2023 NUCLEIC ACIDS RESEARCH ▾	1,667 被引频次	: 查看更多
2 DAVID: a web server for functional enrichment analysis and functional annotation of gene lists (2021 update) Sherman, BT; Hao, M; (...); Chang, WZ JUL 5 2022 NUCLEIC ACIDS RESEARCH ▾	1,849 被引频次	: 查看更多
3 eggNOG-mapper v2: Functional Annotation, Orthology Assignments, and Domain Prediction at the	1,308	: 查看更多

如何更好地向Research Assistant提问?

有效地向生成式人工智能提问，可以帮助你获得更准确和有用的回答

Web of Science研究助手生成回答的原理

检索文献

- 首先检索与用户查询**语义相似度最高**的文章（在WOS核心合集范围内，可以确保生成的信息可靠且新），然后通过**关键字搜索**添加最相关的文章来补充这些文章

整理文献

- 一旦检索到文献，就会根据它们与查询问题的**相似度按降序**排列并经过专有算法排名。该算法进一步提高了列表中重要文章的相关性，确保检索到最相关的文献。

生成回复

- 研究助手使用**前 8 个检索结果中的摘要内容**来生成对所提问题的回复。研究助手选择所需的信息来为问题提供最佳答案。

如何更好地向Research Assistant提问？（与生成式人工智能进行交互）

主要原则：具体、明确、简明扼要

如果您的主要目标是发现文献，请考虑以下原则：

- 具体：如果您提的问题越具体，那么生成的回答就越准确
- 提供详细信息：包括年份、机构、国家、被引频次等信息
- 指定学科或主题：提及感兴趣的学科或者研究主题，使用适当的关键词，以确保得到相关检索结果

如果您是希望研究助手回答学术问题，请考虑以下原则：

- 提出有关研究主题清晰简洁的问题
- 如果问题比较复杂，可以拆分成更小、更具体的问题
- 使用开放式问题
- 使用非英文提问时，如果研究主题的关键词是音译过来的，最好直接用英文关键词提问
- 对于研究主题中的新概念，最好转换成核心含义进行表达

Research Assistant将会持续更新升级.....

操作演示



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技术支持电话: 021-80369475

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