

使用指南

您的大英百科学术版
Britannica Academic入门指南。



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欢迎

academic.eb.com



欢迎订阅大英百科学术版

Britannica Academic

大英百科学术版为进行全面的跨学科研究提供了所有必要条件。在不同领域的诺贝尔奖获得者，历史学家，专业顾问，教授和其他著名专家的贡献下，大英百科学术版以客观公正的国际化视角和洞察力提供无可比拟的可靠信息。

您可以轻松访问备受赞誉的
《大英百科全书》和韦氏大词典以及许多其他研究工具所提供的大量文章和多媒体。

首页

搜索栏目

在搜索栏目中输入关键词进行搜索。高级搜索Advanced Search允许您使用参数来优化搜索。您可以输入一个或多个可用的高级搜索参数。大英百科的搜索引擎将查找与您指定的所有参数匹配的内容。

访问内容

使用文章和媒体浏览按类别浏览内容。

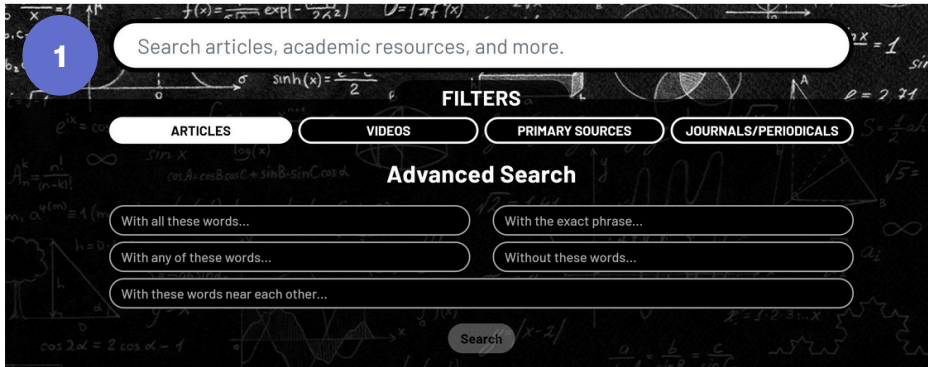
My Research

轻松地编辑，整理，保存和共享您喜欢的资料内容。

研究工具

“世界地图集”(World Atlas)使您可以浏览世界各国的统计数据和相关内容。使用“比较国家”(Compare Countries)来发现任何两个国家之间的异同。“全球数据集”(World Factbook)提供了区域性的统计和分析数据。

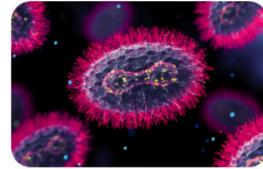
Welcome to Britannica Academic



→ Go to Articles

→ Go to Images/Videos

→ Go to Biographies



My Research

Favorites
Save articles, media, and other sources for quick access later.
Sign-in required.



Resource Packs
Order favorites and add notes to keep your research organized.
Sign-in required.

Research Tools



Search thousands of maps, flags, articles, and statistics in this interactive World Atlas.



A unique geography tool that gives you quick facts on any two countries or territories side-by-side.



Access thousands of primary source documents, complete books, and authentic images.



Expand your inquiry with a curated list of top academic research sites.



Reference wide-ranging statistics and analysis about world entities from every region of the globe.

Popular Topics



immigration



computer



Martin Luther King, Jr.



Buddhism



首页

杂志/刊物

点击查询数千则杂志和学术期刊文章。

韦氏高校大辞典 Merriam-Webster's Collegiate Dictionary

全美最大，最全面的权威英语词典。

原始文献

通过单击访问推荐的原始文献，包括信件，演讲，历史文档和其他原始材料的数字记录。

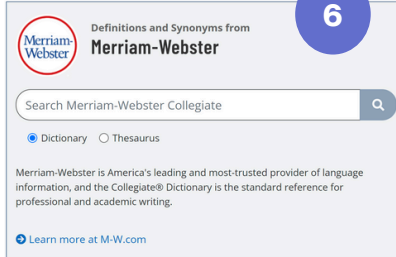
新闻

通过权威媒体的每日新闻源，随时关注全球头条新闻。

Access our extensive library of up-to-date journals and periodicals

Search all journals and periodicals

6



Definitions and Synonyms from
Merriam-Webster

Search Merriam-Webster Collegiate

Dictionary Thesaurus

Merriam-Webster is America's leading and most-trusted provider of language information, and the Collegiate® Dictionary is the standard reference for professional and academic writing.

[Learn more at M-W.com](#)

Featured Primary Sources

Find letters, speeches, and other primary source materials.

Truman Doctrine
Treaty of Versailles
Karl Marx and Friedrich Engels's The Communist Manifesto
Covenant of the League of Nations
Declaration of Rights for Women
Code of Hammurabi

7



ON THIS DAY: "Union"

In 1938 in a controlled plebiscite in Austria, soon after Adolf Hitler's invasion of the country, 99.7 percent of Austrians approved the **Anschluss**—the political unification of Austria and Germany.

[READ MORE](#)

News from New York Times

- New Questions on How a Key Agency Shared Inflation Data
- March's Hot Inflation Report is a Political Blow to Biden
 - Arizona Abortion Ban: What We Know
- Arizona Abortion Ruling Impact on 2024 Presidential Voters Is Unclear
 - Arizona's 1864 Abortion Law, and New Boeing Allegations

News from BBC News

- 'No joy, only pain' as Palestinians mark Eid in Gaza
- Children seeking gender care let down by weak evidence, review says
- Biden pressure on Israel not enough, say dissenting US officials
 - Tesco says price pressures easing as profits soar
- Post Office 'brushed off' concerns over IT system, inquiry told

浏览文章和媒体

Article Browse



Animals



Arts and
Literature



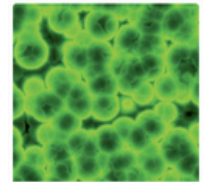
Earth and
Geography



History



Life
Processes



Living
Things
(Other)



Philosophy
and
Religion



Plants



Science and
Mathematics



Society



Sports and
Recreation



Technology

在主页点击[文章浏览\(Article Browse\)](#)或[媒体浏览\(Media Browse\)](#)可让您按主题和子主题深入探索Britannica Academic的内容。

人物传记

Biography Browse

ERA

Click to select an era...

NATIONAL/CULTURAL ASSOCIATION

Click to select an association...

KNOWN FOR

Click to select an activity...

GENDER

male

female

Clear All Filters

DISPLAYING 1 - 10 OF 34,810 RESULTS.

Aakjær, Jeppe

(born Sept. 10, 1866, Aakjær, Den.—died April 22, 1930, Jenle), poet and novelist, leading exponent of Danish regional literature and of the literature of social



Aaliyah

American rhythm and blues singer and actress (born Jan. 16, 1979, Brooklyn, N.Y.—died Aug. 25, 2001, Abaco Islands, The Bahamas), , was considered on the verge of



Aalto, Alvar

(born Feb. 3, 1898, Kuortane, Fin., Russian Empire—died May 11, 1976, Helsinki, Fin.), Finnish architect, city planner, and furniture designer whose international reputation



Aaron

(flourished 14th century bce), the traditional founder and head of the Israelite priesthood, who, with his brother Moses, led the Israelites out of Egypt. The figure of Aaron

Aaron ben Elijah

(born 1328/30, Nicomedia, Ottoman Empire [modern İzmit, Turkey]—died 1369), theologian of Constantinople (now Istanbul), the only scholar to seek a philosophical basis for



Aaron, Hank

(born February 5, 1934, Mobile, Alabama, U.S.—died January 22, 2021, Atlanta, Georgia),

点击“传记” (Biographies) 标签，按性别，时代，国籍及其专业领域搜索和浏览名人传记。您还可以通过主页上的“传记” (Biographies) 链接进入。

全球数据集

The World Factbook

COUNTRIES COMPARISONS

Table of Contents

- Introduction
- Geography
- People and Society
- Environment
- Government
- Economy
- Energy
- Communications
- Transportation
- Military and Security
- ▶ Transnational Issues

← Browse all countries

Antarctica

Introduction

Background

Speculation over the existence of a "southern land" was not confirmed until the early 1820s when British and American commercial operators and British and Russian national expeditions began exploring the Antarctic Peninsula region and other areas south of the Antarctic Circle. Not until 1840 was it established that Antarctica was indeed a continent and not merely a group of islands or an area of ocean. Several exploration "firsts" were achieved in the early 20th century, but generally the area saw little human activity. Following World War II, however, the continent experienced an upsurge in scientific research. A number of countries have set up a range of year-round and seasonal stations, camps, and refuges to support scientific research in Antarctica. Seven have made territorial claims, but most countries do not recognize these claims. In order to form a legal framework for the activities of nations on the continent, an Antarctic Treaty was negotiated that neither denies nor gives recognition to existing territorial claims; signed in 1959, it entered into force in 1961. Also relevant to Antarctic governance are the Environmental Protocol to the Antarctic Treaty and the Convention for the Conservation of Antarctic Marine Living Resources.

Geography

Location

continent mostly south of the Antarctic Circle

The World Factbook

COUNTRIES COMPARISONS

Comparisons



Geography

Area

Area compares the sum of all land and water areas delimited by international boundaries and/or coastlines.

Compare world area data



People and Society

Population growth rate

Population growth rate compares the average annual percent change in populations, resulting from a surplus (or deficit) of births over deaths and the balance of migrants entering and leaving a country. The rate may be positive or negative.

Compare world population growth rate data



Economy

Real GDP Growth Rate

GDP - real growth rate compares GDP growth on an annual basis adjusted for inflation and expressed as a percent.

Compare world GDP growth rate data



Energy

Carbon Dioxide Emissions from Consumption of Energy

Carbon dioxide emissions from consumption of energy is the total amount of carbon dioxide, measured in metric tons, released by burning fossil fuels in the process of producing and consuming energy.

Comparison: Carbon dioxide emissions from consumption of energy

Carbon dioxide emissions from consumption of energy is the total amount of carbon dioxide, measured in metric tons, released by burning fossil fuels in the process of producing and consuming energy.

Rank	Country	Metric Tons (Mt) and Date of Information
1	China	11.67 billion Mt (2017 est.)
2	United States	5.242 billion Mt (2017 est.)
3	India	2.383 billion Mt (2017 est.)
4	Russia	1.847 billion Mt (2017 est.)
5	Japan	1.268 billion Mt (2017 est.)
6	Germany	847.6 million Mt (2017 est.)
7	Korea, South	778.4 million Mt (2017 est.)
8	Saudi Arabia	657.1 million Mt (2017 est.)
9	Canada	640.6 million Mt (2017 est.)
10	Iran	638.3 million Mt (2017 est.)
11	South Africa	572.3 million Mt (2017 est.)
12	Indonesia	540.7 million Mt (2017 est.)
...	Brazil	

"全球数据集" (The World Factbook) 涵括了250多个单独的国家/地区的数据页面。

通过点击“Comparisons”访问跨越多个信息类别的“对照”索引。

文章页面与阅读工具

收藏与分享

点击分享图标将文章分享至电子邮件。点击星标将资源收藏到My Research账户。

生成引文出处 Cite

为文章生成引文。有四种标准格式可选：MLA，APA，哈佛或芝加哥格式手册。

朗读文章

通过文字转语音工具朗读文章。

The screenshot shows the Wikipedia article for 'bacteria'. The title 'bacteria' is at the top. Below it are navigation icons (share, star, print, etc.) and tabs for 'ARTICLE', 'IMAGES & VIDEOS', 'RELATED', and 'ARTICLE HISTORY'. The main content area has an 'Introduction' section with a small image of bacteria. A 'Table of Contents' sidebar is on the left, listing various sub-topics. A tooltip at the bottom right says 'This is the double-click dictionary. Double-click any word to see its definition and Spanish translation.' Two blue arrows point from the text below to the 'Introduction' section and the 'Table of Contents' sidebar.

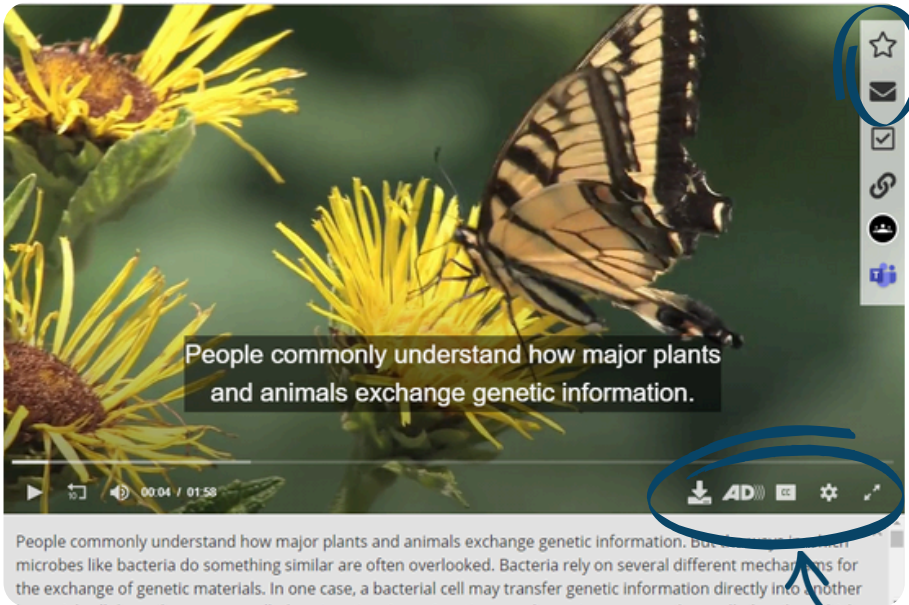
文章目录

通过单击“目录”中的子主题链接转跳到文章的任何部分。

图像与视频

单击文章中的任何图像或视频将在叠加窗口中打开它。

媒体工具: 图像与视频



收藏与分享



单击星标将媒体保存到My Research，或者通过电子邮件共享图片。

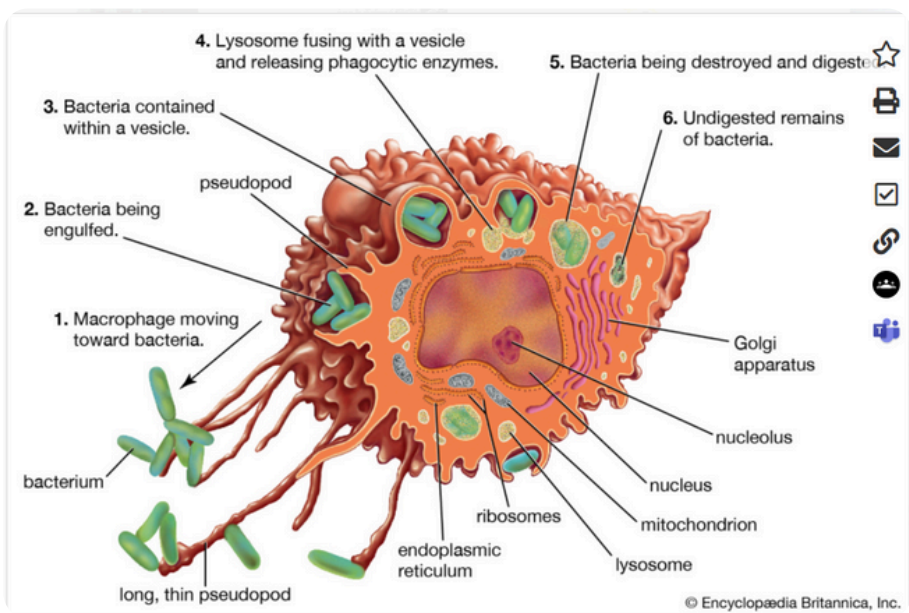
生成引文出处



点击图标为图像或视频生成引文。

媒体播放器

点击开启隐藏式字幕 (CC) 或全屏播放视频。



打印或下载



单击打印机图标以打印图像。您也可以下载视频。

复制链接



点击复制媒体链接。

文章作者查询

bacteria



Table of Contents

- Introduction
- The bacterial cell
- Bacterial reproduction
- Ecology of bacteria
- Evolution of bacteria
- Biosynthesis, nutrition, and growth of bacteria
- Classification of bacteria
- ▶ Additional Reading

(2015); Joanne M. Wiley, Linda M. Sherwood, and Christopher J. Woilvertton, *Prescott's Microbiology*, 10th ed. (2015); and Lucy Shapiro and Richard Losick (eds.), *Cell Biology of Bacteria* (2011).

Thomas D. Brock, *The Emergence of Bacterial Genetics* (1990), describes the historical development of bacterial genetics and molecular biology. Additional coverage of the molecular and genetic features of bacteria is found in Larry Snyder et al., *Molecular Genetics of Bacteria*, 4th ed. (2013). Clive Edwards (ed.), *Microbiology of Extreme Environments* (1990); and Charles Gerday and Nicolas Glansdorff (eds.), *Physiology and Biochemistry of Extremophiles* (2007), are detailed explorations of microorganisms that live in extreme environments.

Bacteria in the human body and their role in human health and disease are discussed in Julian Marchesi (ed.), *The Human Microbiota and Microbiome* (2014).

Robert J. Kadner

EB Editors

Article Contributors

Robert J. Kadner - Professor of Microbiology, School of Medicine, University of Virginia, Charlottesville. Coauthor of *Essentials of Medical Microbiology*.

Kara Rogers - Kara Rogers is the senior editor of biomedical sciences at Encyclopædia Britannica, where she oversees a range of content from medicine and genetics to microorganisms. She joined Britannica in 2006 and has been a member of the National Association of Science Writers since 2009.



滚动到文章末尾单击Article Contributors查看文章贡献者以及他们在该主题方面做过的相关研究与贡献。通过Additional Reading查看额外阅读和参考建议，以帮助您进一步进行研究。

研究工具

关键词搜索

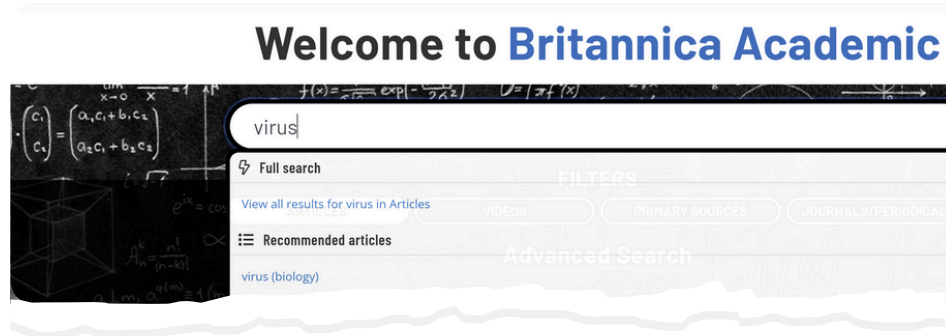
在搜索框中键入关键词，例如“virus”，开始搜索。

过滤搜索结果

通过页面上方菜单内按内容类型筛选搜索结果，例如 文章(articles)，图像(images)，视频(videos)，词典(dictionary)，期刊杂志(journals/periodicals)，原始文献与电子书(primary sources/e-books) 或年度回顾 (Year in Review)。

高级搜索

使用“高级搜索”进一步优化搜索结果。



ARTICLES IMAGES VIDEOS MORE

virus (biology) ☆

virus | infectious agent of small size and simple composition that can multiply only in living cells of a ...

Epstein-Barr virus (pathology) ☆

Epstein-Barr virus (EBV) | virus of the Herpesviridae family that is the major cause of acute infectious mononucleosis, characterized by ...

Need to refine? Try our **ADVANCED SEARCH.** ▾

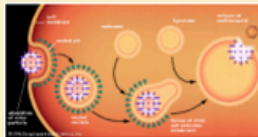
infectious disease ☆

Viruses | Viruses are not, strictly speaking, living organisms. Instead, they are nucleic acid fragments packaged in a protein coat.

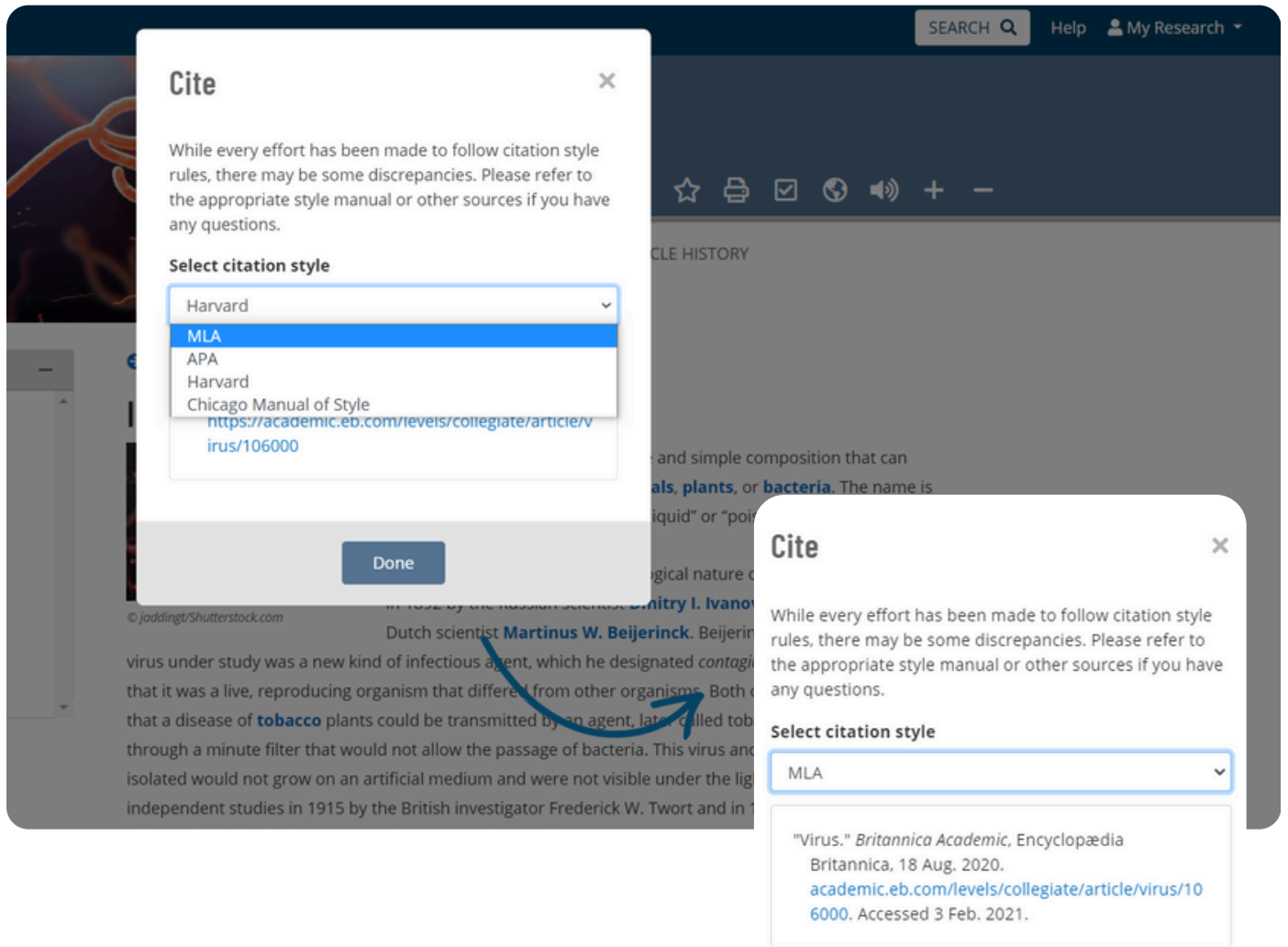
computer virus ☆

computer virus | a portion of a program code that has been designed to furtively copy itself into other programs created ...

IMAGES RELATED TO THIS SEARCH:



引文工具



引文工具可以按照多个规范格式为您生成引用文章或媒体出处。单击工具栏中的引用(Cite)图标打开引用弹窗，从下拉菜单中选择一个格式。复制生成的引文并根据需要粘贴到另一个文档中。

- **MLA**
- **APA**
- **Chicago Manual of Style**
- **Harvard**

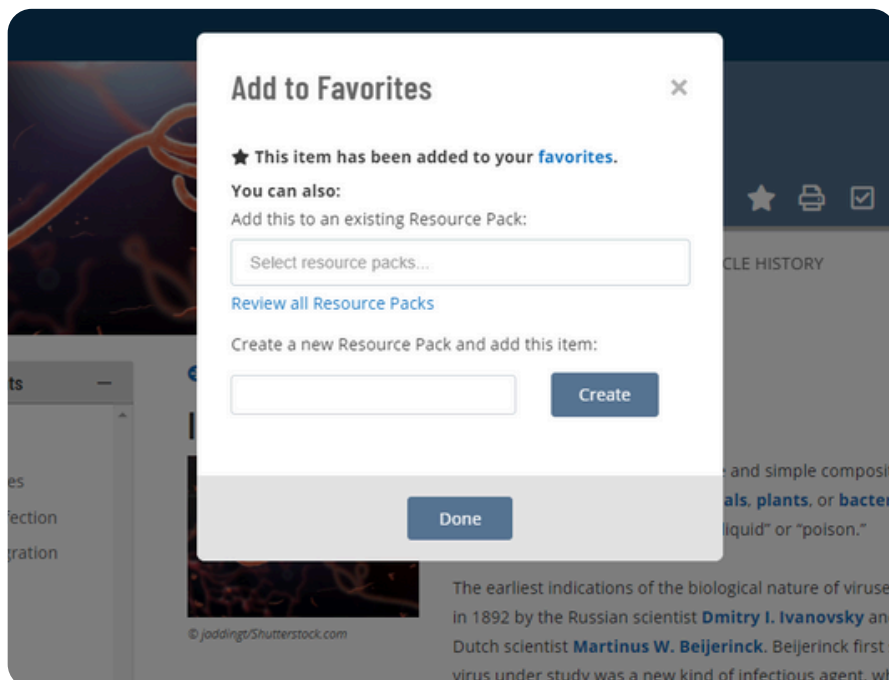
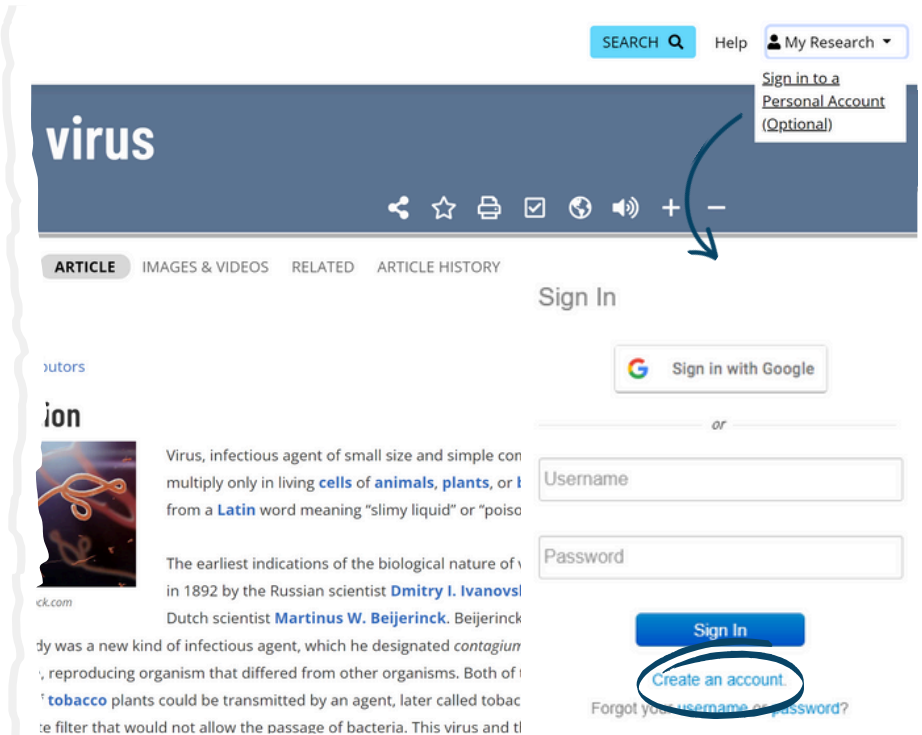
My Research: 创建个人账号

登录

点击任意页面右上角的“Sign In to a Personal Account”登录个人账号。

创建账号

在登录窗口中，点击“Create an account”。输入您的详细信息，然后创建帐户。



添加内容



单击文章或者媒体工具栏中的星星图标“收藏(Favourite)”将文章添加到My Research。出现提示时，您可以选择将内容保存到现有的资源包，或通过输入资源包(或文件夹)名称来创建新的资源包。

My Research: 整理资料内容

My Research

通过单击任意页面右上角的My Research 进入My Research账号页面。

分享资源包

通过生成的链接或电子邮件分享您的资源包。

筛选内容

点击"Filter by content type"按类型筛选您的收藏内容，例如图片。

The screenshot shows the 'My Research' dashboard for user Hannah Creelman. A resource pack titled 'Virtual Worlds' is highlighted with a blue circle. Below it, a list of resources is shown, including articles like 'virtual community' and 'virtual reality'. A note is visible over the 'virtual reality' article, with the text 'Add to Resource Pack' circled in blue. A dropdown menu for 'All content types' is also circled in blue. Arrows point from the text instructions to these specific UI elements.

资源包 Resource Packs

点击查看所有已收藏内容或者创建一个新的资源包。

整理资料内容

将任何收藏内容拖放到左侧的任意资源包中。

添加备注 Notes

为已收藏的内容添加备注。

英语为非母语用户

字典 Dictionary

双击文章中的任意单词查看字典定义。由韦氏大词典提供英语注解。

朗读文章 Read Aloud

通过文字转语音工具朗读文章。



支持所有英语能力

Britannica Academic大英百科学术版具有一系列內置工具，为英语为非常用用户提供多方面阅读支持。

Teach Britannica

The screenshot displays the Teach Britannica website interface. At the top left is the Britannica Academic logo. A search bar and a 'Help' link are visible in the top right. A dropdown menu is open, showing 'NEW: Teach Britannica Resources to enhance learning' and 'Your Britannica resources' with links to 'School Edition', 'LaunchPacks', 'ImageQuest', and 'ImageQuest Jr.'. Below this is an 'Article Browse' section with a row of six image thumbnails. The main content area features a blue header with the Britannica Academic logo and a navigation arrow. Below the header is a grid of eight 'ACADEMIC TOOLKIT' cards, each with a title, a brief description, and a small image. The cards are: 1. 'The Research Process' (A guide to academic research...), 2. 'Strategies for Deep Reading' (A guide to deep reading and analysis...), 3. 'Crafting Effective Research Questions' (A guide to crafting focused, effective research questions...), 4. 'Mastering Collegiate-Level Note-Taking' (A guide to enhancing learning and retention...), 5. 'Source Credibility, Reliability, and Bias' (A guide to evaluating sources for credibility, reliability, and bias...), 6. 'Primary and Secondary Sources' (A guide to identifying, evaluating, and effectively utilizing primary and secondary sources...), 7. 'The Right Cite' (A guide to enhancing academic writing by mastering research citations...), and 8. 'Mastering the Literature Review' (A guide to mastering the literature review process...).

Teach Britannica作为针对高校师生推出的一站式开放资源中心，囊括了由大英百科的教育专家精心整合的学术工具包（Academic Toolkits）和辅助材料，旨在帮助大学生培养成功完成高等教育研究所需的关键研究技能。点击主菜单中的大英百科圆形图标，随时访问Teach Britannica。