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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



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在搜索栏目在输入关键词进 行搜索。

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### 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。



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## ARTICLES







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The World Factbook

Popular Topics

Q immigration

Q Mars

Q Buddhism

Martin Luther King, Jr.

### Featured EBSCO Journals and Periodicals











Q

Featured Primary Sources



### Workers' Day

### News From BBC News

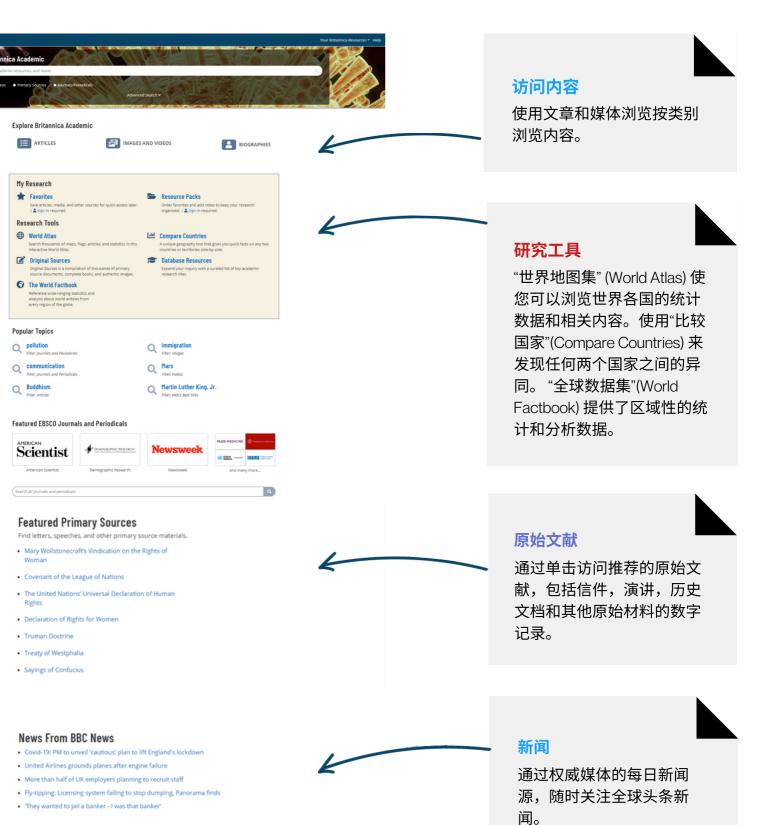








# 首页



# 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

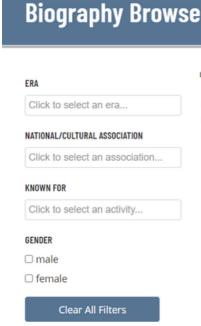


Technology

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

Britannica ACADEMIC



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

SEARCH Q

Help ♣ My Research ▼



### 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



#### Aaror

(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

Table of Contents
Introduction
Geography
People and Society
Environment
Government
Economy
Energy
Communications
Transportation
Milltary and Security

Transnational Issues

← Browse all countries

#### **Antarctica**

#### Introduction

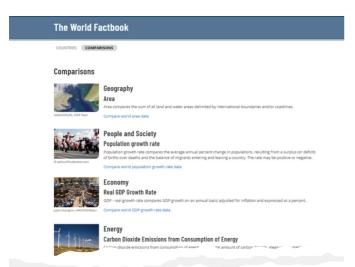
#### Background

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 Perinsula 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



#### 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 foss

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.)
40	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

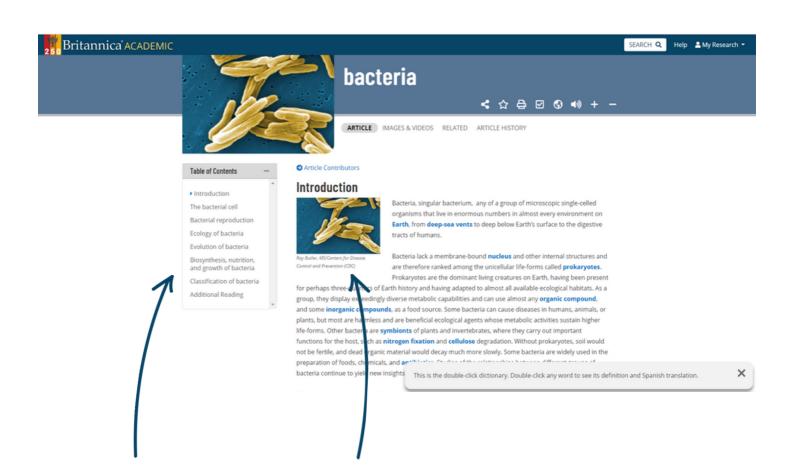
点击分享图标将文章分享 至电子邮件。点击星标将 资源收藏到My Research账 户。

### ☑ 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。

### 即 朗读文章

通过文字转语音工具朗读文



### **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。

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### 生成引文出处

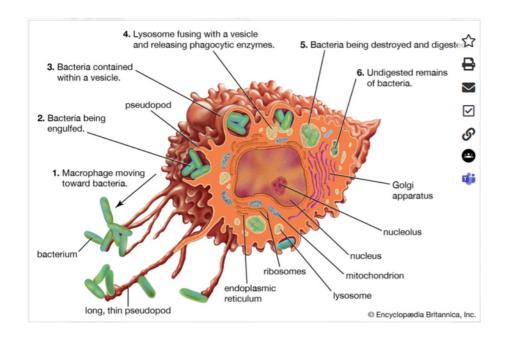


点击图标为图像或视频生成 引文。

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### 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



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

Additional Reading

(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。



### You searched for "virus"

DISPLAYING 1 - 10 OF 579 RESULTS.

ARTICLES IMAGES VIDEOS MORE

### virus (biology) 🏡

virus  $\mid$  infectious agent of small size and simple composition that can multiply only in living cells of an a ...

### Epstein-Barr virus (pathology) 🌣

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



### infectious disease 🏚

Viruses | Viruses are not, strictly speaking, living organisms. Instead, they are nucleic acid fragments p

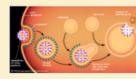
### computer virus 🏠

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

#### IMAGES RELATED TO THIS SEARCH:







# 高级搜索

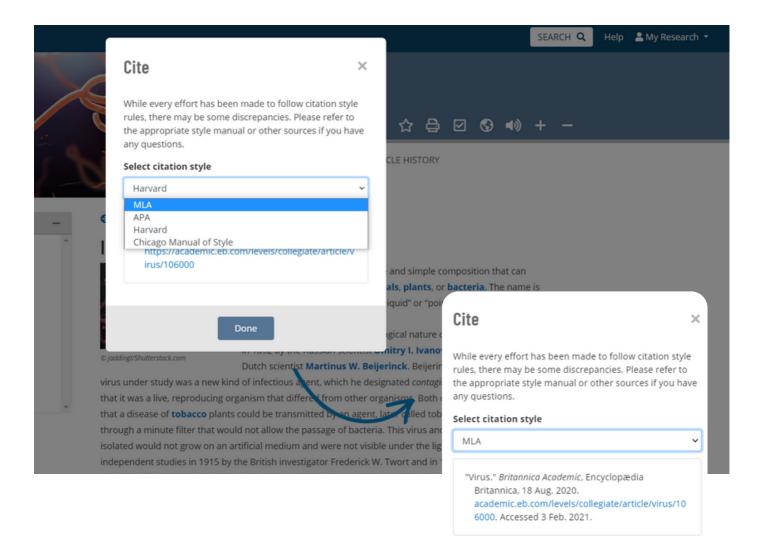
Britannica ACADEMIC							
	You searched for "vi	irus"					
	ARTICLES IMAGES (VIDEOS) MOR	Ε					
	Need to refine? Try our <b>ADVANCED SEAF</b> With <b>all</b> the words	RСН. ∨	With the exact phrase				
	With <b>any</b> of these words		Without these words				
	With these words <b>near</b> each other						
		<b>Q</b> Apply Adva	anced Search				
	- / <b>D</b>	0	0				
	Animation and microphotography Tillustrating the structural diversity of viruses.	esting the effectiveness of deploying mosquitoes with a Zika-blocking bacterium	Learn how a benign bacterial virus can be used to improve the performance of	The cycle of infection results in the death of the host cell and the release			
		<b>O</b>	O	RELIGION			

See a 3-D simulation of the motion of the human rhinovirus, the virus that easy, and effective method for testing objections to religious belief.

SEARCH Q Help Amy Research

高级搜索允许您使用参数 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。

## 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

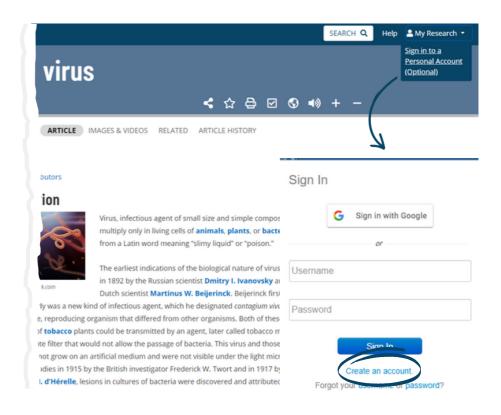
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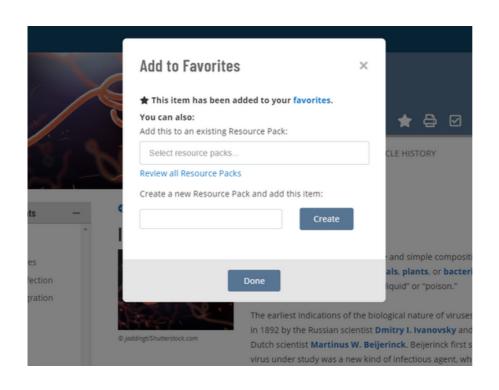
### 登录

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。





### 添加內容



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。

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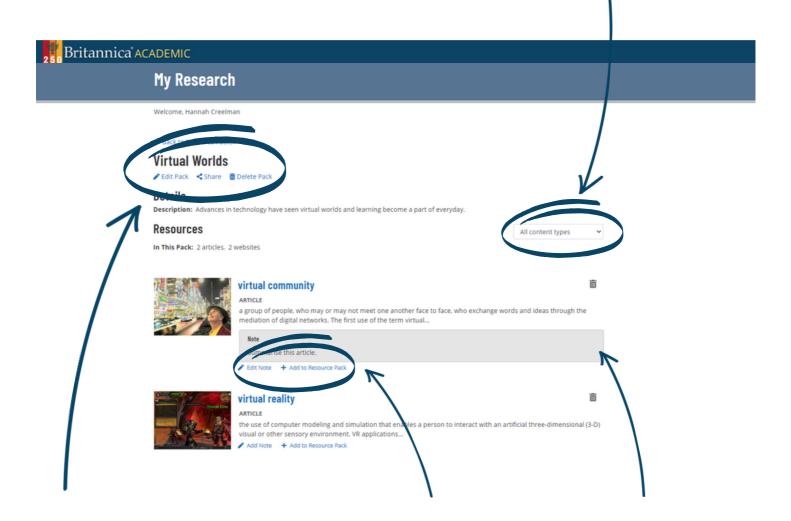


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### 筛选内容

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



### 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。





● → 介紹 细菌细胞 细菌繁殖 细菌生態 细菌的進化 细菌的生物合成,嚴養和 生長 細菌分類 附加閱讀

### Ray Butler - MS / 统物控制與預防中心

上幾乎每一個環境中,從**深海鎖口**到地表深處再到人類的消化道。 細菌缺乏膜結合的核和其他內部結構,因此被列為稱為**原核生物**的單細胞生

命形式中,原核生物是地球上占主導地位的生物。已經存在了地球歷史的四分之三、少且已經適應了幾乎所有可用的生態棲息地。作為一個整體。它們顯示出極其多樣的代謝能力,幾乎可以使用任何有機化合物和某些無機化合

物作為食物來源,一些細菌可以轉致人類。動物或植物的疾病,但是大多數細菌是無審的,並且是有益的生態 因子,其代謝活動可維持較高的生命形式。其他細菌是共生菌植物和無勞性動物,它們在宿主中執行重要功 能。例如園質和纖維素降解,沒有原核生物,土壤將不起沃,死有機物質的腐爛將更加緩慢。一些細菌被廣泛 用於食品,化學藥品和抗生素的製備中。對不同細菌群體之間關係的研究繼續產生關於地球生命起源和進化機 制的新見解。

### 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,为英语为非常用语用户 提供多方面阅读支持。

# 笔记 Notes





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