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Britannica Academic

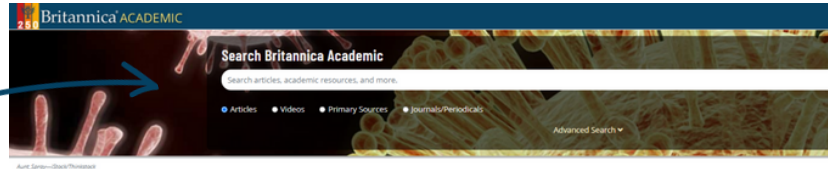
大英百科学术版为进行全面的跨学科研究提供了所有必要条件。在不同领域的诺贝尔奖获得者，历史学家，专业顾问，教授和其他著名专家的贡献下，大英百科学术版以客观公正的国际化视角和洞察力提供无可比拟的可靠信息。

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

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在搜索栏目中输入关键词进行搜索。



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Find letters, speeches, and other primary source materials.

- Niccolò Machiavelli's The Prince
- Covenant of the League of Nations
- Monroe Doctrine
- Magna Carta
- (English) Bill of Rights
- Truman Doctrine



ON THIS DAY

Workers' Day

In 1889 May Day —traditionally a celebration of spring's return, marked by dancing around a Maypole—first observed as a labour holiday, designated as such by the International Socialist Congress.

Read More

News From New York Times

- Biden Shifts Vaccination Strategy in Drive to Reopen by July 4
- Pfizer to Seek Clearance This Fall for Vaccinating Children as Young as 2
- Sudden Decision to Reopen Leaves New Yorkers Dizzy and Divided
- House Republicans Have Had Enough of Liz Cheney's Truth-Telling
- Justin Lafferty, Tennessee Lawmaker, Draws Fire for Three-Fifths Compromise Remarks

News From BBC News

- Covid-variant vaccines fast-tracked with more investment
- Scottish election 2021: Sturgeon rules out 'wildcat' indyref2 vote
- George Floyd killer Derek Chauvin asks for new trial
- How India descended into Covid-19 chaos
- Covid: MPs want care home visiting rights put into law

New and Revised Articles



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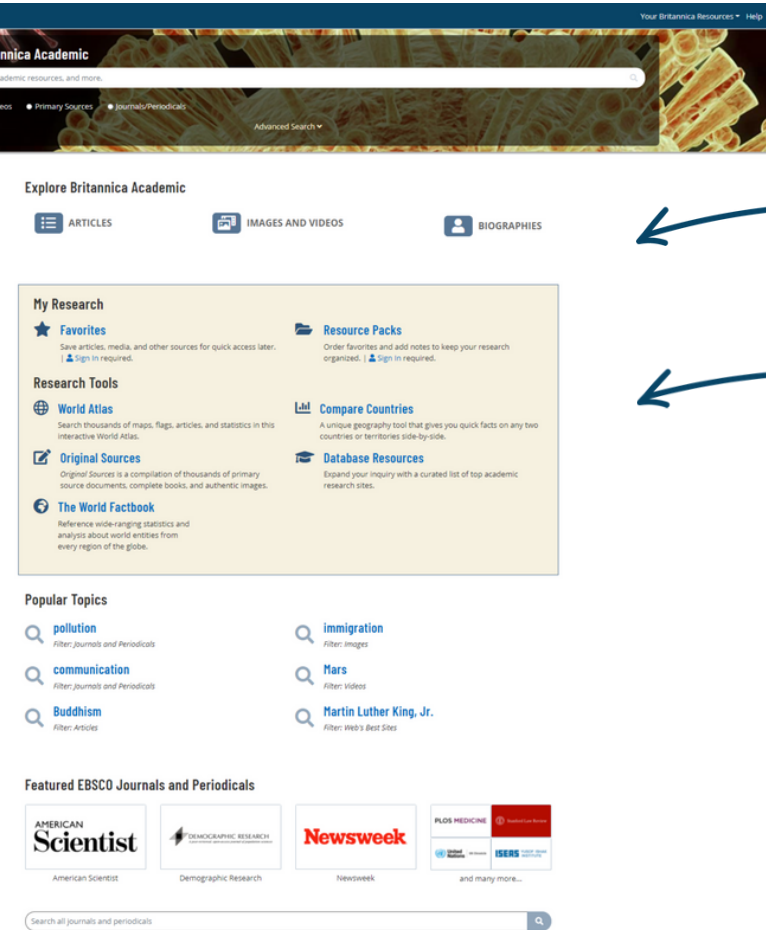


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首页



访问内容

使用文章和媒体浏览按类别浏览内容。

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。

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。

浏览文章和媒体

Article Browse



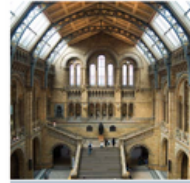
Animals



Arts and
Literature



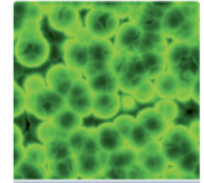
Earth and
Geography



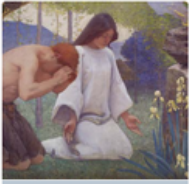
History



Life
Processes



Living
Things
(Other)



Philosophy
and
Religion



Plants



Science and
Mathematics



Society



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Recreation



Technology

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人物传记

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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

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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.)
13	Brazil	538.1 million Mt (2017 est.)

"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。

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朗读文章

通过文字转语音工具朗读文章。

The screenshot shows the Britannica Academic article page for 'bacteria'. The page features a blue header with the Britannica logo, a search bar, and navigation links. The main content area includes a large image of yellow bacteria, a table of contents, and an introduction section. Two blue arrows point to the 'Table of Contents' and the 'Introduction' section. A tooltip at the bottom right reads: 'This is the double-click dictionary. Double-click any word to see its definition and Spanish translation.'

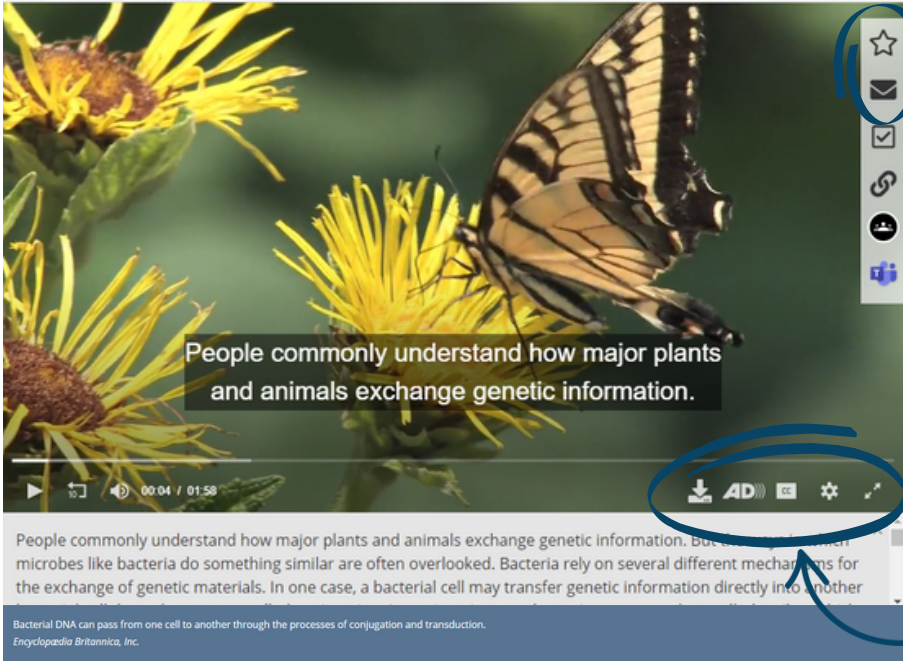
文章目录

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



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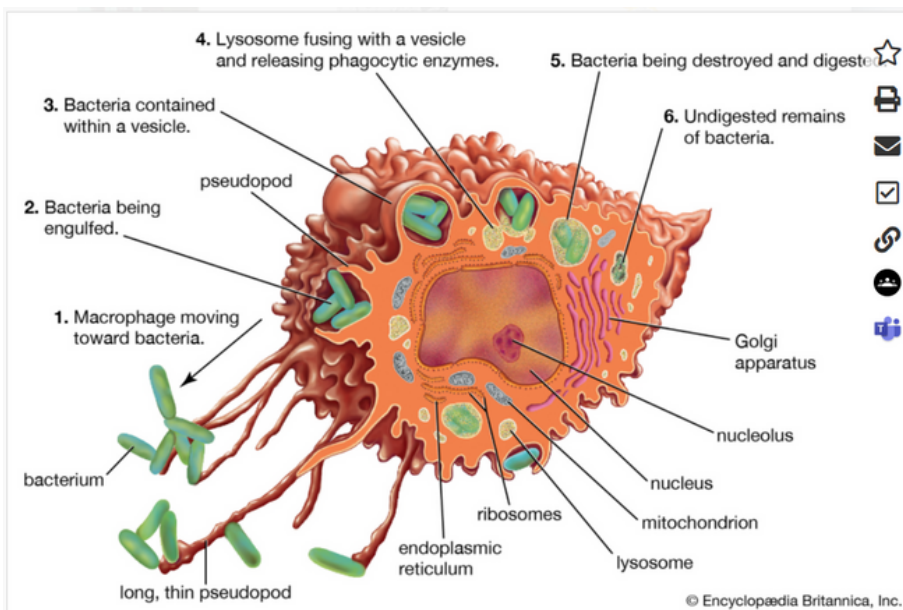
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点击复制媒体链接。

文章作者查询

250 Britannica ACADEMIC

SEARCH Help My Research

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. Woollerton, *Prestcott'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.

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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)。



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 ... 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 p...

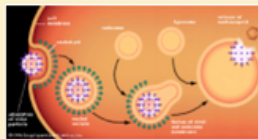
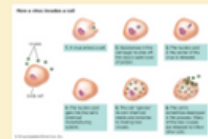
computer virus ☆

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

高级搜索

使用“高级搜索”进一步优化搜索结果。

IMAGES RELATED TO THIS SEARCH:



高级搜索





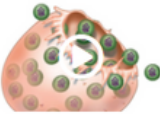
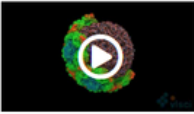


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You searched for "virus"
DISPLAYING 1 - 11 OF 11 RESULTS.

ARTICLES IMAGES **VIDEOS** MORE

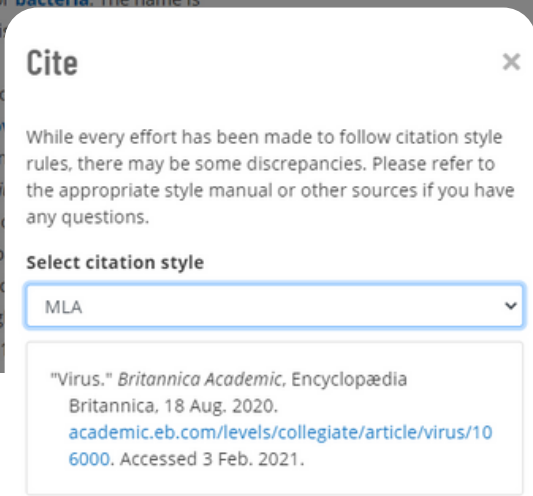
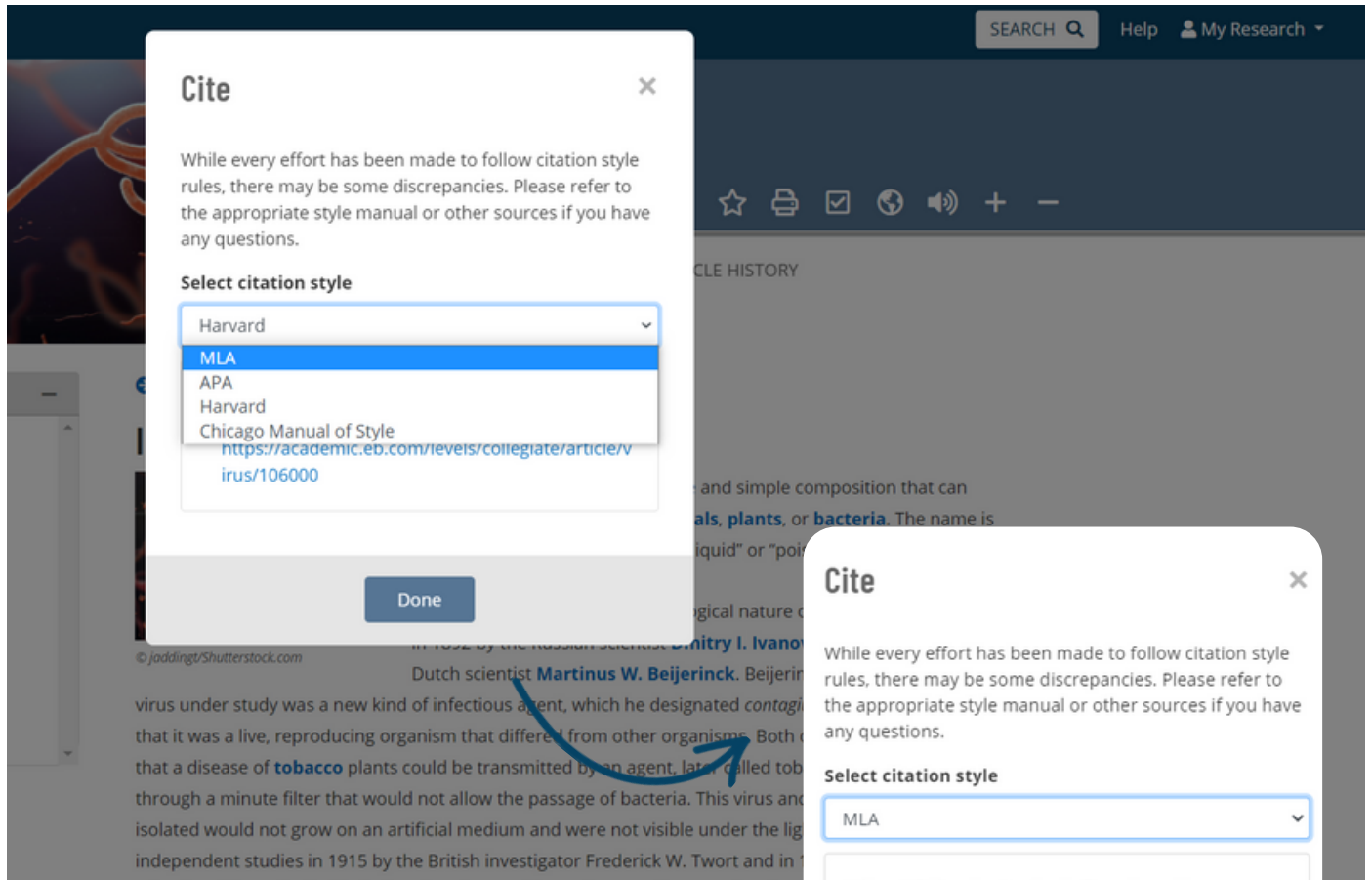
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With all the words	With the exact phrase
<input type="text"/>	<input type="text"/>
With any of these words	Without these words
<input type="text"/>	<input type="text"/>
With these words near each other	
<input type="text"/>	

 Animation and microphotography illustrating the structural diversity of viruses.	 Testing 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...
 HIV is the name of the virus that causes AIDS.	 See a 3-D simulation of the motion of the human rhinovirus, the virus that	 Scientists have developed a unique, easy, and effective method for testing	 Learn about Richard Dawkins's objections to religious belief.

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



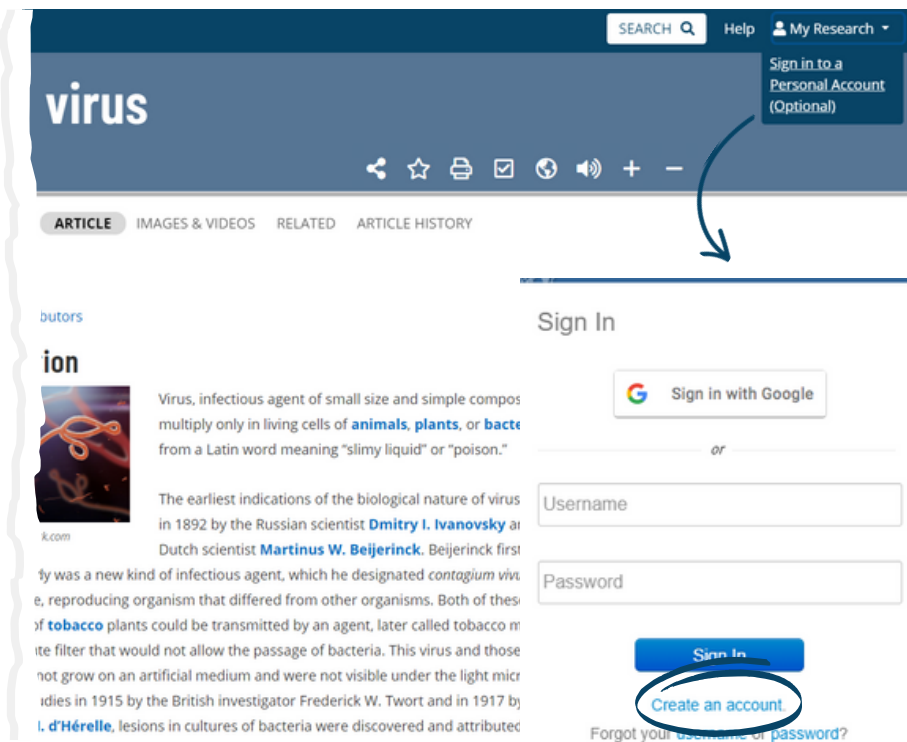
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- MLA
- APA
- Chicago Manual of Style
- Harvard

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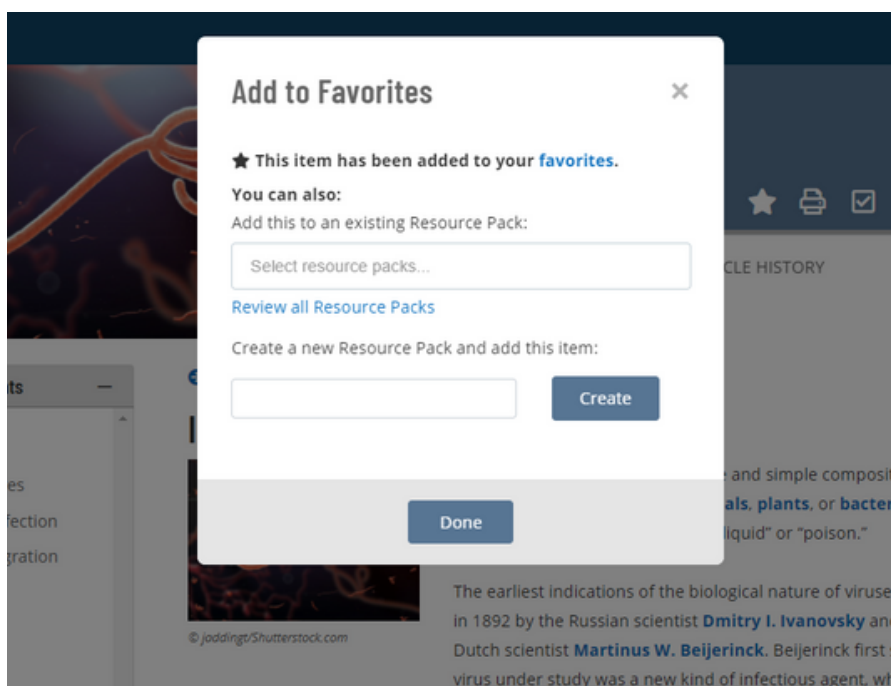
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My Research

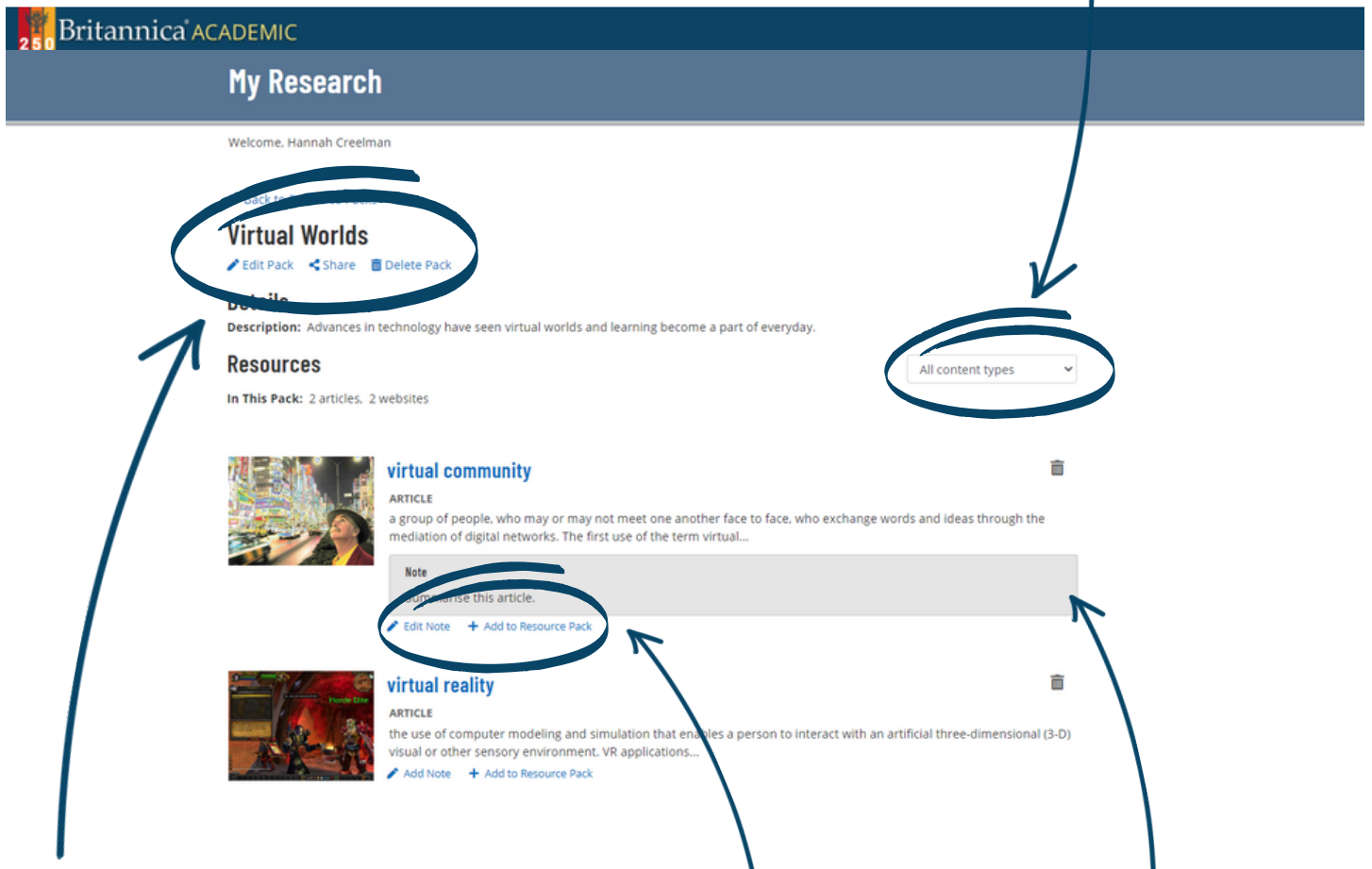
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