

Guided Tour

Your guide to getting started
with Britannica Academic.



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Welcome

academic.eb.com



Welcome to Britannica Academic

Britannica Academic provides all the essentials for conducting thorough, interdisciplinary research. With contributions from Nobel laureates, historians, curators, professors and other notable experts across a diverse range of subjects, Britannica Academic provide trusted information with balanced, global perspectives and insights that users will not find anywhere else.

Enjoy easy access to a rich collection of media and articles from the respected Encyclopædia Britannica and Merriam-Webster's Collegiate Dictionary, as well as many other research tools.

Home Page

Search Bar

Click to access different types of content or perform a key word search. **Advanced Search** lets you refine your search results using parameters. You can fill out one or more of the advanced search parameters available. Britannica's search engine will look for content that matches ALL of the parameters that you specify.

Accessing Content

Browse content by category using Article, Media and Biography Browse.

My Research

Easily create, edit, organise, save and share favourite content.

Research Tools

World Atlas lets you explore statistics and related content for countries around the world. Discover the similarities and differences between any two countries using Compare Countries. The World Factbook provides region statistics and analysis.

Welcome to Britannica Academic

1 Search articles, academic resources, and more.

FILTERS

ARTICLES VIDEOS PRIMARY SOURCES JOURNALS/PERIODICALS

Advanced Search

With all these words... With the exact phrase...

With any of these words... Without these words...

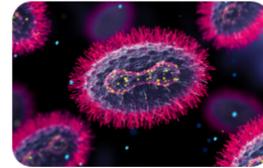
With these words near each other...

Search

→ 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



Journals/Magazines

Thousands of magazine and journal articles directly related to search topics.

Merriam-Webster's Collegiate Dictionary

One of the world's largest and most comprehensive authoritative source of information on the English language.

Primary Sources

Access digital transcripts of Primary Source materials such as letters and speeches.

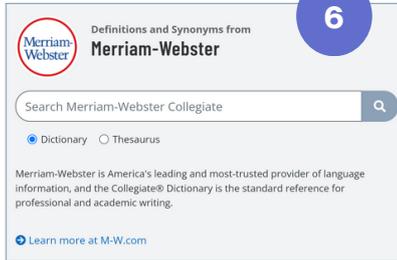
News

Stay updated with global headlines with daily News Feeds from major media outlets.

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

Browse Articles & Media

Article Browse



Animals



Arts and
Literature



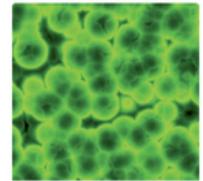
Earth and
Geography



History



Life
Processes



Living
Things
(Other)



Philosophy
and
Religion



Plants



Science and
Mathematics



Society



Sports and
Recreation



Technology

Click on **Article Browse** or **Media Browse** from the Homepage to delve into the contents of Britannica Academic by topic and subtopics.

Biography Browse

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),

Click on **Biographies** to search and browse Britannica's collection of biographies by gender, era, cultural association and field of expertise using **Explore Biographies**.

World Atlas

Greece

You're viewing: Europe > Greece

Summary Profile Related

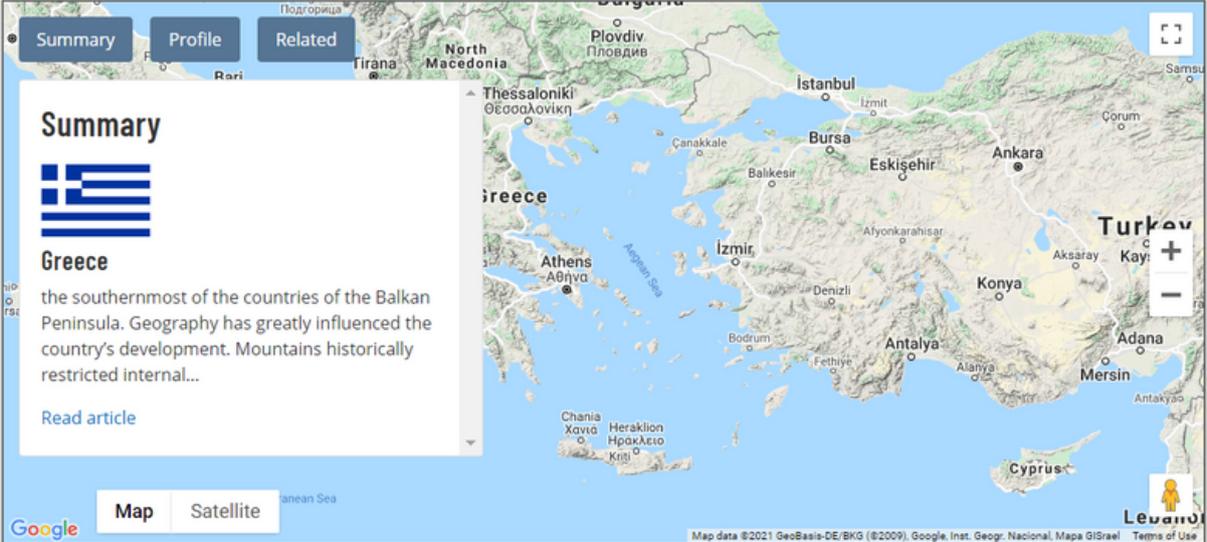
Summary



Greece

the southernmost of the countries of the Balkan Peninsula. Geography has greatly influenced the country's development. Mountains historically restricted internal...

[Read article](#)



Map Satellite

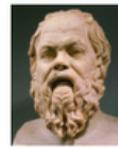
Map data ©2021 GeoBasis-DE/BKG (©2009), Google, Inst. Geogr. Nacional, Mapa GISrael Terms of Use

Profile

Official name:	Ellinikí Dhimokratía (Hellenic Republic)
Form of government:	unitary multiparty republic with one legislative house (Hellenic Parliament [300])

Articles

TOP 3 RESULTS. 221 MORE RESULTS IN GREECE.



Socrates

(born c. 470 bce, Athens [Greece] —died 399 bce, Athens), ancient Greek philosopher whose way of life, character, and thought exerted a profound influence on Western...



Aristotle

(born 384 bce, Stagira, Chalcidice, Greece—died 322, Chalcis,

World Atlas is a geographical tool that lets you explore statistics and related content for countries around the world. Use the **Search Box** to research any country or region of interest.

Click on **Summary** to access the country article. Click on **Profile** to find current statistical information. Click on **Related** to locate other recommended Britannica content.

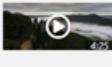
Compare Countries

	 Australia	 Canada
Official name(s):	Commonwealth of Australia	Canada
Form of government:	federal parliamentary state (formally a constitutional monarchy) with two legislative houses (Senate [76]; House of Representatives [150])	federal multiparty parliamentary state with two legislative houses (Senate [105 ^{1,2}]; House of Commons [338])
Executive Branch:	(Head of state) British Monarch: Queen Elizabeth II , represented by Governor-General: David Hurley (Head of government) Prime Minister: Scott Morrison	(Head of state) Queen of Canada (British Monarch): Elizabeth II , represented by Governor-General: Julie Payette (Head of government) Prime Minister: Justin Trudeau
Capital(s):	Canberra	Ottawa
Language:	none ¹ (off	
Religion:	none (o	
Monetary unit(s):	Australi	
Population:	(2019 e:	
Area:	2,968,40 7,688,12	
Urban-rural population:	Urban: (1 Rural: (2	
Life expectancy at birth:	Male: (2 Female:	
Literacy: percentage of population age 15 and over:	Male: n Female:	
GNI per capita (U.S.\$):	(2017) 5	

Compare Countries

STATS **ARTICLES & MEDIA**

Australia Canada

	 Australia	 Canada
Article:	the smallest continent and one of the largest countries on Earth, lying between the Pacific and Indian oceans in the Southern Hemisphere. Australia's capital is Canberra,...	second largest country in the world in area (after Russia), occupying roughly the northern two-fifths of the continent of North America. Despite Canada's great size, it is...
	Full Article	Full Article
Images:	     	     
	More Images	More Images
Videos:	  	  
	More Videos	More Videos

Discover the similarities and differences between any two countries using the **Compare Countries** tool. Select the **Stats** tab to find current statistical information. The **Articles and Media** tab lets you access the country article as well as related images and videos.

The World Factbook

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	

The World Factbook is an index of over 250 individual country pages, featuring statistical data.

Click on **Comparisons** to access an index of comparisons, spanning multiple information categories.

Features of an Article

Share and Favourite

Click the Share icon to share to Google Classroom, Google Drive, Microsoft Teams or email. Add the resource to My Research using the Favourite Star.

Generate Citation

Generate a citation for the resource in four different styles, MLA, APA, Harvard or Chicago Manual of Style.

Read Aloud

Hear the article read aloud to you using the Text to Speech tool.



The screenshot shows the Britannica Academic article page for 'bacteria'. The page features a dark blue header with the Britannica logo, a search bar, and a user profile. Below the header is a large image of yellow bacteria. The article title 'bacteria' is prominently displayed. A navigation bar includes links for 'ARTICLE', 'IMAGES & VIDEOS', 'RELATED', and 'ARTICLE HISTORY'. A 'Table of Contents' sidebar is visible on the left, listing various sub-topics. The main content area shows the 'Introduction' section, which includes a small image of bacteria and text describing them. A double-click dictionary tooltip is visible at the bottom right of the article text. Two blue arrows point from the 'Table of Contents' sidebar to the 'Introduction' section, and another blue arrow points from the 'Introduction' section to the double-click dictionary tooltip.

Table of Contents

Jump to any part of an article by clicking on a sub topic link in the Table of Contents.

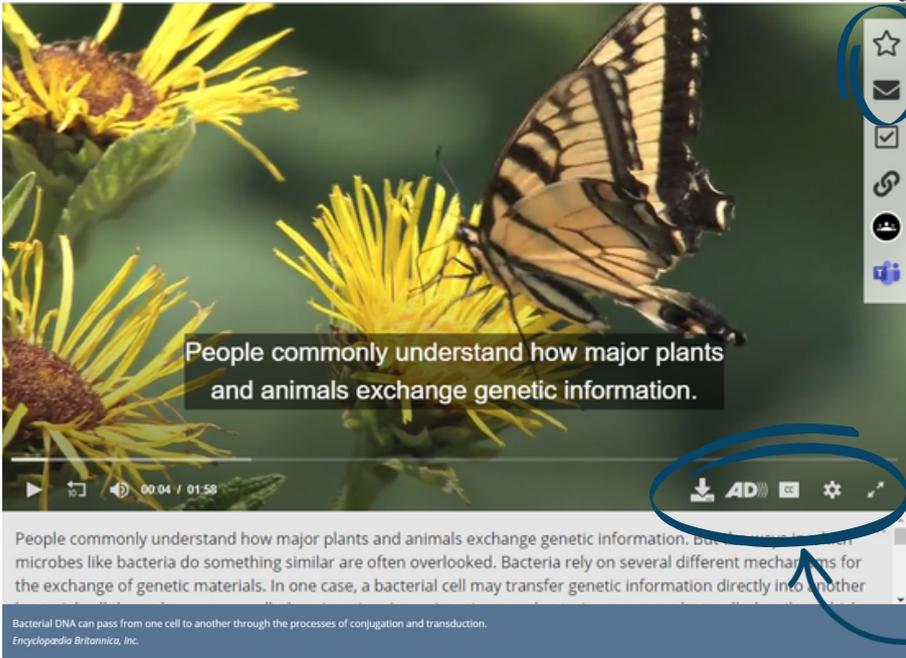
Images & Videos

Clicking on any image or video in an article will open it up in an overlay window.

Translate Article

Click the globe icon to translate the article into over 100 languages.

Media Tools: Images & Videos



Favourite & Share

Click the star to save to My Research. You can also share media using Email.

Generate Citation

Click to generate a citation for the media.

Media Player Tools

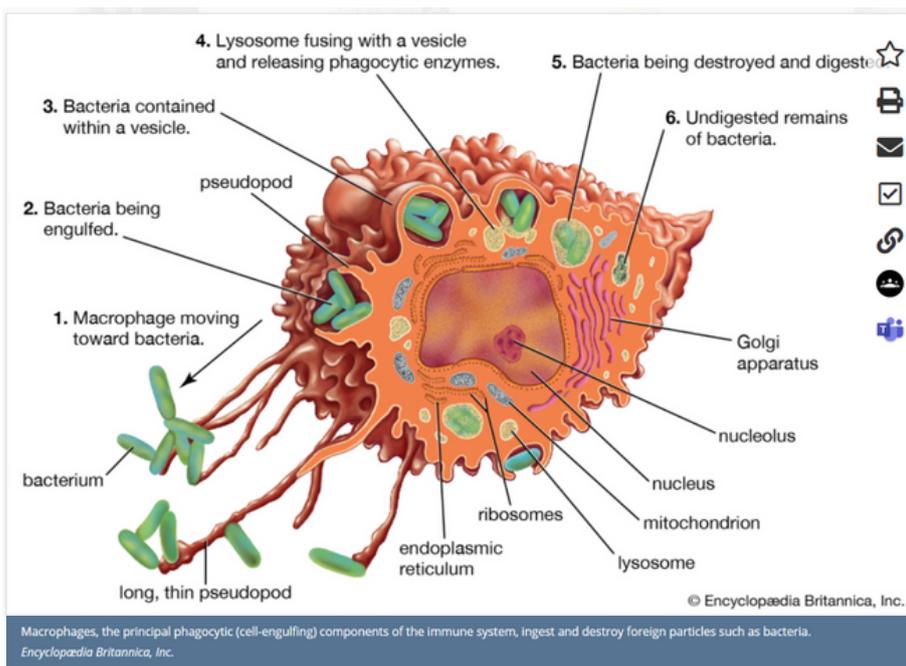
Select to play a video with Closed Captions (CC) or in full screen.

Print or Download

Click the printer icon to print images. You can also download a video.

Copy Link

Click to copy media URL.



Article Contributors

The screenshot shows the top of a Britannica Academic article page. The header includes the Britannica Academic logo, a search bar, and a 'My Research' dropdown. The article title 'bacteria' is prominently displayed. Below the title is a navigation bar with icons for sharing, saving, printing, and zooming. On the left, a 'Table of Contents' sidebar lists various topics related to bacteria, with 'Additional Reading' highlighted. The main content area contains several paragraphs of text, including references to scientific works and authors like Thomas D. Brock and Robert J. Kadner. A blue arrow points from the 'Additional Reading' section of the table of contents to the 'Article Contributors' section in the main text.

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

(2013); Joanne M. Wiley, Linda M. Sherwood, and Christopher J. Woolverton, *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.

To verify the source, click to see a list of **Article Contributors** and a brief abstract about their accreditations in the subject matter. Scroll to the end of an article to see suggestions for **Additional Reading** and references to help further your research.

Research Tools

Keywords or Phrases

Type keywords or phrases into the search box, e.g. "virus" to begin a search.

Filter Results

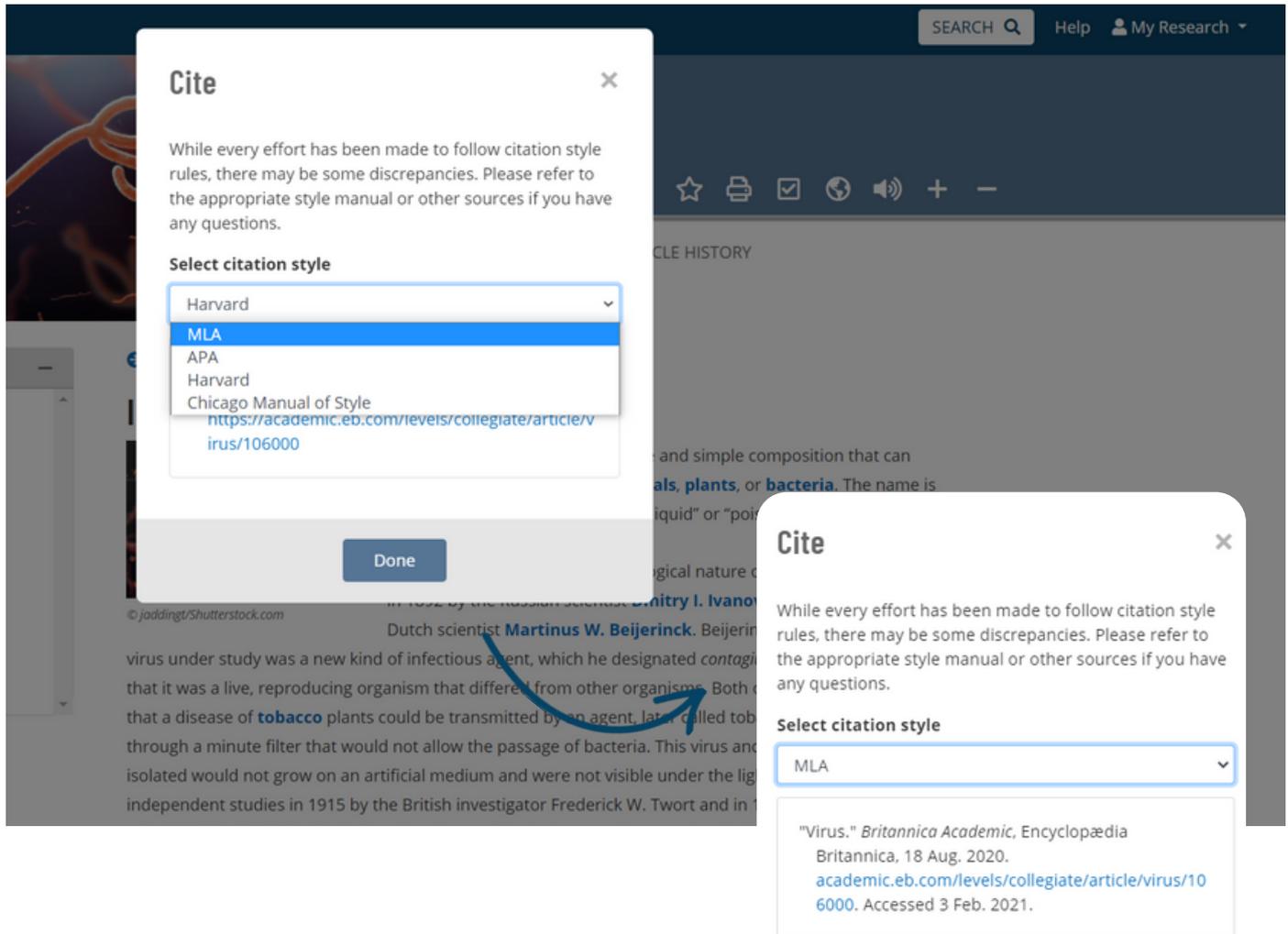
Use the menu at the top to filter results by content type, such as Articles, Images, Videos, Dictionary, Journals/Periodicals, Primary Sources/E-books or Year in Review.

Advanced Search

Select from the search results or refine your search using Advanced Search.

The screenshot displays the Britannica Academic search interface. At the top, it says "Welcome to Britannica Academic". A search bar contains the word "virus". Below the search bar, there are filters for "Full search", "View all results for virus in Articles", "Recommended articles", and "virus (biology)". A menu at the top right allows filtering by "ARTICLES", "IMAGES", "VIDEOS", and "MORE". The search results section shows "You searched for 'virus'" and "DISPLAYING 1 - 10 OF 579 RESULTS.". The first result is "virus (biology)", followed by "Epstein-Barr virus (pathology)", "infectious disease", and "computer virus". A blue circle highlights the "ADVANCED SEARCH" link in the "Need to refine your search? Try our ADVANCED SEARCH." text. Below the search results, there is a section titled "IMAGES RELATED TO THIS SEARCH:" with three image thumbnails.

Citation Tool



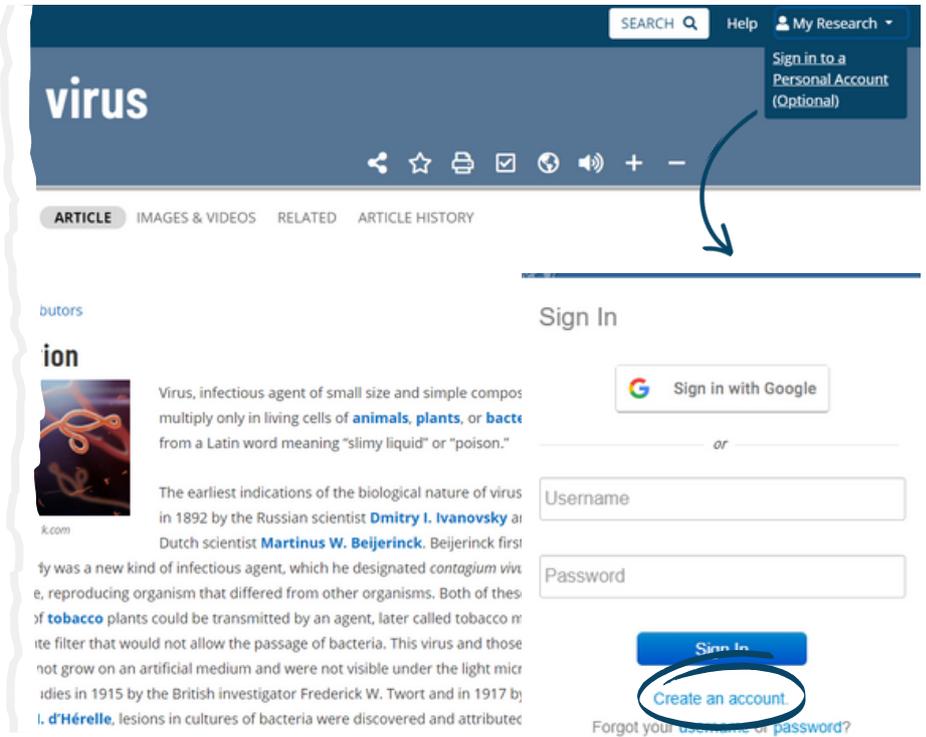
Click "Cite" icon in the toolbar to open the Cite popup window. Then select your preferred **standard citation style** from the available list. Highlight and copy the generated citation text. Paste into another document as required.

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

My Research

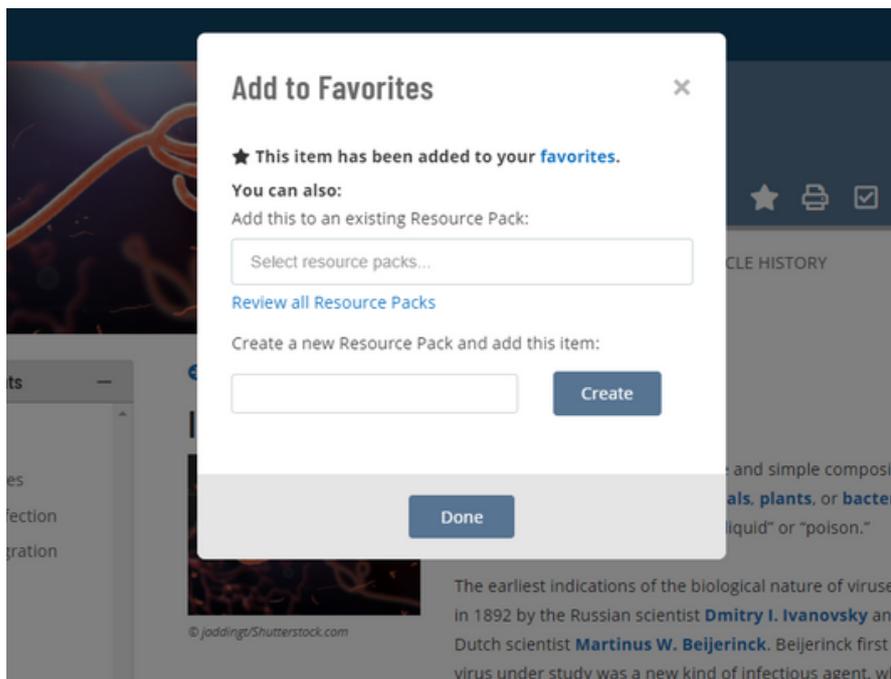
Sign In

Click "Sign in to a Personal Account" found in the top right corner of any page.



Create an Account

From the Sign-In window, click "Create an Account". You can also sign in with your Google Account if you have one. In the new window, enter your details, then create your account.



Adding Content

Click the Star in an article or in the Media Gallery to add content to My Research. You can select to save the item to an existing Resource Pack or create a new pack by entering a pack (or folder) name in the field provided.

My Research: Organisation

My Research

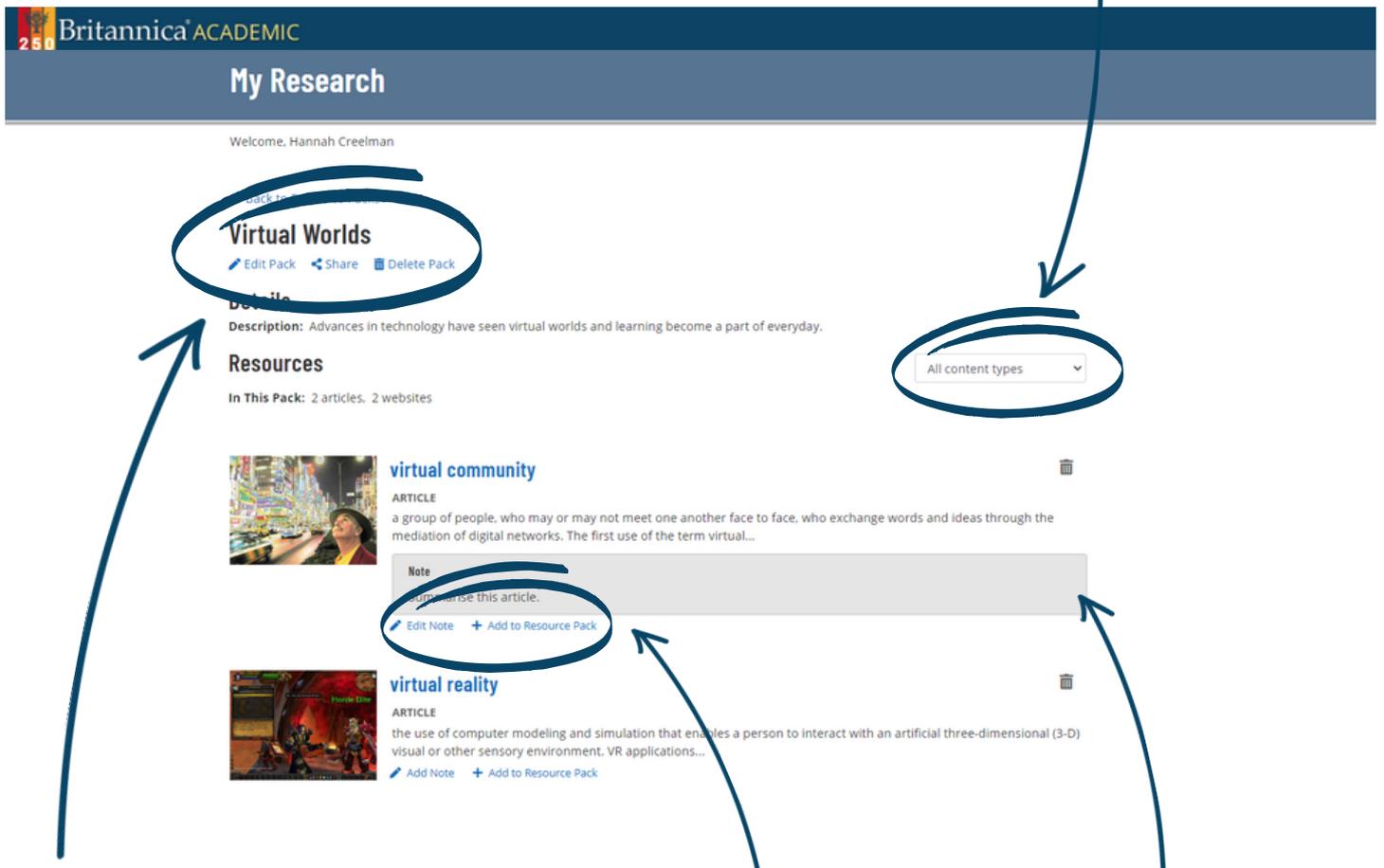
Click on My Research at the top right corner of every page to access your favoured content.

Sharing a Pack

Share your packs with your peers, colleagues or to other devices via a generated link or email.

Filtering Content

Click to Filter your content by type e.g. images.



The screenshot shows the 'My Research' interface. At the top, there is a navigation bar with the Britannica Academic logo and a '250' anniversary mark. Below this, the page title 'My Research' is displayed. A welcome message 'Welcome, Hannah Creelman' is visible. The main content area features a pack titled 'Virtual Worlds' which is circled in blue. Below the pack title are buttons for 'Edit Pack', 'Share', and 'Delete Pack'. A description follows: 'Advances in technology have seen virtual worlds and learning become a part of everyday.' Underneath is a 'Resources' section with the text 'In This Pack: 2 articles, 2 websites'. Two article cards are shown: 'virtual community' and 'virtual reality'. The 'virtual reality' card has a note attached to it, which is also circled in blue. The note text is 'I summarise this article.' Below the note are buttons for 'Edit Note' and '+ Add to Resource Pack'. On the right side of the page, there is a filter dropdown menu with the text 'All content types' and a downward arrow, which is also circled in blue. A large blue arrow points from the 'All content types' filter to the 'Virtual Worlds' pack title. Another blue arrow points from the 'Add to Resource Pack' button to the 'virtual reality' article card. A third blue arrow points from the 'All content types' filter to the 'virtual reality' article card.

Edit Pack Details

Click Edit to add a Description or change the pack title.

Organising Content

To organise your items, click +Add to Resource Pack to save that content in a specific pack.

Notes

Add Notes to your saved content.

English as a Second Language

Dictionary

Double-click any word within an article or primary source to see a Quick-Click dictionary definition.



Read Aloud

Click the speaker icon to listen to an audio version of an article.



Support for all English Abilities.
Britannica Academic has a range of inbuilt tools to support users learning English as a second language.



Content Translator

Translate an entire article into over 100 languages. Click the globe icon in Page Tools.

Access ID _____

Passcode _____



To learn more, contact us:

Web: elearn.eb.com | Email: contact@eb.com.au | Phone: +61 2 9915 8800