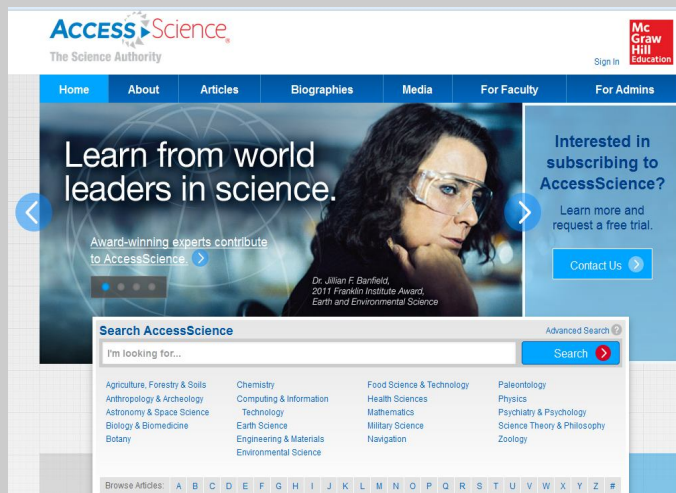


Name of the Tool

Access@science

Home Page



Logo



URL

<https://www.accessscience.com/>

Subjects

Science-Encyclopedias;
Technology-Encyclopedias

Accessibility

Partial access; full access on subscription.

Language

English

Publisher

Mc Graw Hill Education

Brief History

AccessScience's dedicated editorial team is led by Sagan-Award-winner John Rennie and comprises more than 9000 scientists and engineers, including 40 Nobel-Prize winners as well as recipients of other major scientific prizes such as Franklin Institute Awards. This online encyclopedia has its roots in McGraw-Hill Education's world-famous scientific publishing program—the McGraw-Hill Encyclopedia of Science and Technology and the McGraw-Hill Yearbook of Science and Technology. The McGraw-Hill Encyclopedia of Science & Technology is an English-language multivolume encyclopedia, specifically focused on scientific and technical subjects, and published by McGraw-Hill Education. The most recent edition in print is the eleventh edition, copyright 2012

(ISBN 9780071778343), comprising twenty volumes. The print encyclopedia covers the life sciences and physical sciences, as well as engineering and technology topics. The content of this encyclopedia is actually available via a subscription to McGraw-Hill Education's AccessScience website.

There is also a one-volume McGraw-Hill Concise Encyclopedia of Science and Technology based on the full set. The sixth edition was published in May 2009

Scope and Coverage

AccessScience is an authoritative and dynamic online resource that contains incisively written, high-quality reference material that covers all major scientific disciplines like Agriculture, Forestry & Soils, Anthropology & Archeology, Astronomy & Space Science, Biology & Biomedicine, Botany, Chemistry, Computing & Information Technology, Earth Science, Engineering & Materials, Environmental Science, Food Science & Technology, Health Sciences, Mathematics, Military Science, Navigation, Paleontology, Physics, Psychiatry & Psychology, Science Theory & Philosophy, and Zoology. The encyclopedia includes:

- more than 8500 articles and research reviews covering all major scientific disciplines and encompassing the mcgraw-hill encyclopedia of science and technology and the mcgraw-hill yearbook of science and technology;
- 115,000 plus definitions from the McGraw-Hill Dictionary of Scientific and Technical Terms;
- 3000 biographies of well-known scientific figures;
- 18,000-PLUS downloadable images and animations illustrating key topics;
- engaging videos highlighting the life and work of award-winning scientists;
- suggestions for further study and additional readings guide users to deeper understanding and research;
- links to citable literature through DOIs help users continue their research using primary sources of information;
- Interactive citation generator saves time and effort when preparing papers;
- Curriculum mapstied to core content save time for educators;
- Mobile access allows easy, anytime access outside of institutional IP ranges.

Kind of Information

In this encyclopedia, the articles are arranged alphabetically according to the titles and also arranged under categories and sub categories. One can search the articles here by the alphabetic list or from the categories and sub categories of the subject. The articles here provides following information like:

- The route by which one particular article is accessed. It means, the hierarchical direction, through which the article can be got.
- The title of the article, with the name of the author and year of publication and DOI number.
- The content of the article.
- The partial access of the article.
- As because the encyclopedia gives access of the articles on subscription basis, so after a small description on the content, the article mentions the ways how one can access the full content, by subscribing or by signing on one can get the article.
- The users who have reached the article directly without knowing about this online encyclopedia, there is an option to know about the site and their features, which can be useful for that users to know more about the encyclopedia.
- At the end of the page, there is a list of hyperlink categories and also an alphabetic list of articles, by which one can navigate the website and can easily access the desirable article.
- At the top-right corner of the page, there are four options. First one is for giving the formats like MLA, APA and Chicago to cite the article. The second one is the email option for the article. The third one is the print option of the article. The fourth one is the options for share the article, these are Facebook, Twitter, Print, Email, Pinterest, Gmail, Google+, LinkedIn, Email App, Tumblr and many more. The fifth option is the “Link”, to copy the link of the article.

Special Features

This encyclopedia is an award-winning gateway to scientific knowledge, it offers links to primary research material, videos and exclusive animations, plus specially designed curriculum maps for teachers. With these and other online features, AccessScience is continually expanding the ways it can demonstrate and explain core, trustworthy scientific information in a way that inspires and guides users to deeper knowledge. The encyclopedia includes videos with the articles where applicable. With its roots in McGraw-Hill Education's world-famous scientific publishing program—encompassing the McGraw-Hill Encyclopedia of Science and Technology and the McGraw-Hill Yearbook of Science and Technology—AccessScience draws on and continues a deep tradition of presenting rigorously vetted scientific knowledge and expertise

in a way that is both engaging and easy to understand.

Arrangement Pattern

Articles of this encyclopedia are arranged alphabetically under the title of the articles as well as topic wise. Under each topic there are sub topics. The examples are bellow:

Example 1:

Topic:
Agriculture, Forestry & Soils

Subtopics:

Agriculture, forestry, and soils - general
Animal husbandry
Farming
Field crops, grasses, plant fibers, spices, tree crops, herbs
Forestry
Fruits and nuts
Pest control
Plant breeding
Soil/crop practices
Soils
Vegetables

Example 2:

Topic:
Zoology

	<p>Subtopics:</p> <ul style="list-style-type: none"> Acanthocephala Amphibia Annelida Arthropoda Aves Brachiopoda Bryozoa Chaetognatha Chondrichthyes Chordata Cnidaria Ctenophora Echinodermata Echiurida Entoprocta Gastrotricha 	
<p>Remarks</p>	<p>This encyclopedia of science and technology has made a synthesis of knowledge by giving essential information on various branches of science and technology. It makes systematic summary of all information regarding the subjects.</p>	
<p>Comparable Tools</p>	<ul style="list-style-type: none"> ➤ Encyclopedia of Science (http://www.daviddarling.info/encyclopedia/ETEmain.html) ➤ Science Encyclopedia (http://science.jrank.org/) ➤ Encyclopedia of Life Sciences (http://www.els.net/WileyCDA/) ➤ Smithsonian (http://www.si.edu/encyclopedia) ➤ The MIT Encyclopedia of the Cognitive Sciences (MITECS) (http://cognet.mit.edu/refs/mit-encyclopedia-of-cognitive-sciences-mitecs) ➤ DiracDelta Science & Engineering Encyclopedia (http://www.diracdelta.co.uk/) 	

	<ul style="list-style-type: none">➤ Encyclopedia of Imaging Science and Technology (http://onlinelibrary.wiley.com/book/10.1002/0471443395) ➤ RP Photonics Encyclopedia (https://www.rp-photonics.com/encyclopedia.html)
<i>Date of Access</i>	September 23, 2016