

E-sources – free access

The Main Library encourages the use of sources with the free and legal materials from different areas of science. There are digitalized books, documents, audio-video files in these e-libraries, data bases and repositories

- **ABC-Chemistry** <http://abc-chemistry.org/>
- **AgEconSearch** – agribusiness, food protection, natural energy sources, economics
<https://ageconsearch.umn.edu/?ln=en>
- **AGH Open e-podręczniki** <https://epodreczniki.open.agh.edu.pl/tiki-index.php>
- **Agricola** - National Agricultural Library <http://agricola.nal.usda.gov/>
- **Agris** - International System for Agricultural Science and Technology <http://www.fao.org/agris>
- **Agro** - content of Polish nature and agricultural journals
<http://agro.icm.edu.pl/agro/search/article.action>
- **AgriXiv** - reprints of publications on agriculture and related sciences <https://agrixiv.org/>
- **Agropedia** - <http://agropedia.iitk.ac.in/>
- **AlphaGalileo** – A website for global media, providing information and knowledge on all aspects of European science, especially exact sciences, medicine, social sciences and humanities
<https://www.alphagalileo.org/en-gb/>
- **Animal Studies Repository** – alternatives to animal experimentation, animal science (e.g. anatomy, biochemistry, biology, genetics, ichthyology, food, ornithology, sociobiology, etc.), anthozoology, ecology, ethics and animals, ethology and behaviorism, social movements, organizations
<https://animalstudiesrepository.org/>
- **Aquatic Commons** – repository for the subject of natural marine environment.
<http://aquaticcommons.org/>
- **Archimer** - fisheries, aquaculture, marine ecology, oceanography, marine geology, marine biology
<https://archimer.ifremer.fr/>
- **ASM Journals** – science journal published by American Society for Microbiology - microbiology, biotechnology, immunology and biochemistry <https://journals.asm.org/>
- **Baza Wiedzy Politechniki Warszawskiej** – economics, architecture, chemistry, physics, geodesy and cartography, environmental engineering, production engineering, transport
<http://repo.bg.pw.edu.pl/index.php/pl/repozytor>
- **BazEkon** – bibliographic and abstract database - economics
<http://bazekon.icm.edu.pl/bazekon/search/article.action?cid=bf6966d8-7163-4d2f-b146-e4cada2699c9>
- **BazTech** - content of Polish technical journals <http://yadda.icm.edu.pl/baztech/>
- **BazTol** - guide to Polish quality scientific resources posted on the Internet, thematically related to technical sciences http://basztol.library.put.poznan.pl/basztol_czytelnik/basztol
- **Bazy CEON** - Open Science Center <http://bibliotekanauki.ceon.pl/yadda/search/general.action>
- **Bazy Instytutu Botaniki im. W. Szafera PAN** – botany, vascular plants, biology, physiology, biochemistry, evolution <https://www.botany.pl/index.php/pl/bazy-udostepniane-online>
- **Bentham Open** - agricultural sciences, biological sciences, biotechnology, chemistry, earth sciences, engineering, health sciences, medicine and others <https://benthamopen.com/index.php>

- **Bibliografia Ekonomiki Rolnictwa** - bibliographic and abstract database (agricultural economics and food economy) created by Ośrodek Informacji Naukowej Instytutu Ekonomiki Rolnictwa i Gospodarki Żywnościowej <http://biblioteka.ierigz.waw.pl/>
- **Bibliografia Etnografii Polskiej** – bibliographic and abstract database - ethnology, cultural anthropology and related sciences <http://www.serwer1444182.home.pl/>
- **Bibliografia Geografii Polskiej** - geographic bibliographic and abstract database: geography of Poland and the world, paleogeography, geomorphology, hydrology, climatology, soil geography, environmental protection, historical and political geography, population, cities and settlements, social, industry and mineral resources, agriculture, transport and communication, services, spatial planning, eco-development, tourism and sightseeing, cartography and GIS. <http://www.cbgios.pan.pl/bazy/bgp/>
- **Bibliografia Geologiczna** – geology https://katalog.pgi.gov.pl/F/?func=find-b-0&local_base=pgi03
- **Bibliografia ornitologiczna** - ornithology – Polish publications from 1991 <http://www.muzeum-przyrodnicze.uni.wroc.pl/ornitol/>
- **Biblioteka Cyfrowa Instytutu Geodezji i Kartografii** <http://bc.igik.edu.pl/dlibra>
- **Biblioteka Cyfrowa Instytutu Nafty i Gazu** <http://bc.inig.pl:8080/dlibra>
- **Biblioteka Cyfrowa Politechniki Lubelskiej** <http://bc.pollub.pl/dlibra>
- **Biblioteka Cyfrowa Politechniki Koszalińskiej** <http://dlibra.tu.koszalin.pl/dlibra>
- **Biblioteka Cyfrowa Politechniki Warszawskiej** <https://bcpw.bg.pw.edu.pl/dlibra>
- **Biblioteka Cyfrowa UMCS** <http://dlibra.umcs.lublin.pl/dlibra>
- **Biblioteka Narodowa** – main catalogue of Polish National Library
- **Biblioteka Narodowa** – bibliography of e-documents
- **Biblioteka Otwartej Nauki** <https://bon.edu.pl/katalog/lektury/?page=1>
- **BIMET** - technical sciences - Polish publications <http://discover.bg.agh.edu.pl:1080/index-bimet.html>
- **BioMed Central - Open Access** - <https://www.biomedcentral.com/>
- **bioRxiv** - <https://www.biorxiv.org/>
- **Bookshelf (książki on-line)** - life sciences and healthcare – books and documents online <https://www.ncbi.nlm.nih.gov/books>
- **BRENDA** – data base: enzymes <https://www.brenda-enzymes.info/>
- **Cambridge University Press** – free till end of May 2020 r. access to publications about the reasearch on COVID-19 (more than 80 articles from journals, like Epidemiology & Infection, Prehospital and Disaster Medicine, Infection Control & Hospital Epidemiology oraz Animal Health Research Reviews) <https://www.cambridge.org/core/browse-subjects/medicine/coronavirus-free-access-collection>
- **CEDA Repository** - Earth observation and atmospheric sciences (Grey literature) <http://cedadocs.ceda.ac.uk/information.html>
- **Centralna Biblioteka Statystyczna** [http://statlibr.stat.gov.pl/F?func=find-c&ccl_term=WSC=\(12345\)](http://statlibr.stat.gov.pl/F?func=find-c&ccl_term=WSC=(12345))
- **ChemRxiv** - <https://chemrxiv.org/>
- **ChemSpider** - database of chemical structures <http://www.chemspider.com/>
- **ChemSynthesis** - database of chemical structures <https://www.chemsynthesis.com/>
- **Cochrane Library** – a special collection about COVID-19 <https://www.cochranelibrary.com/collections/doi/SC000040/full>
- **Cornell University** <https://arxiv.org/>

- **Cogprints** <http://cogprints.org/view/subjects.html>
- **DBLP Computer Science Bibliography** - computer science and related sciences <https://dblp.uni-trier.de/db/>
- **Directory of Open Access Book** <https://www.doabooks.org/doab?uiLanguage=en>
- **Earth print** – atmosphere, cryosphere, hydrosphere; earth sciences <https://www.earth-prints.org/>
- **EarthArXiv** - <https://eartharxiv.org/>
- **EarthChem** - a set of data systems that help scientists access, share and use geochemical, petrological and geochronological data <http://www.earthchem.org/>
- **EconBiz** - economic information - common project of German libraries <https://www.econbiz.de/>
- **EMIS** - European Mathematical Information Service <https://www.emis.de/databases/index.html>
- **Energy Citations Database** - chemistry, physics, environmental sciences, geology, engineering, mathematics, climatology, oceanography and computer sciences - scientific and technical research results from U.S. Department of Energy (DOE) <https://www.osti.gov/>
- **E-Print network** – biology, medicine, chemistry, engineering, environmental protection, fossil fuels, geology, materials science, mathematics, data processing, physics, energy distribution <https://www.osti.gov/>
- **e-Publikacje Nauki Polskiej** – publications of universities, science societies, museums <http://www.epnp.pl/>
- **Espacenet** - patents <https://pl.espacenet.com/>
- **Europe PMC** - natural sciences and medicine - bibliographic and abstract database, but some publications are available as a full text <https://europepmc.org/>
- **ESSOAr** - Open Archives of Earth and Space Sciences. <https://www.essoar.org/>
- **FAIRsharing** - data and metadata standards, related to databases and data policies. <https://fairsharing.org/>
- **Fizyka dla szkół wyższych w 3 tomach** – physics - academic textbook edited by Open Stax Polska. <https://openstax.pl/pl/>
- **FreeBooks4Doctors (książki on-line)** – medicine – books online <http://www.freebooks4doctors.com/>
- **Free OpenLearn Courses** – courses from OpenLearn The Open University. <https://www.open.edu/openlearn/>
- **Gatunki obce w Polsce** – alien species in Poland <http://www.iop.krakow.pl/ias/zasoby/bazy-danych>
- **GUS** – statistic data <https://stat.gov.pl/>
- **HighWire Press** – medicine, biology and physics <http://highwire.stanford.edu/lists/freeart.dtl>
- **Hindawi Publishing - Open Access** <https://www.hindawi.com/>
- **HKU Scholars Hub** - University of Hong Kong - archive with works in the field of technology, computer science, economics, architecture, law, medicine and others. <http://hub.hku.hk/>
- **IBL/ Piśmiennictwo leśne** – nature, forestry <http://weblis.ibles.pl/libcat/index.html>
- **ICRISAT Open Access Repository** - agriculture <http://oar.icrisat.org/>
- **IEEE Xplore** - free access to articles and research about COVID-19 <https://go.ebsco.com/uys0007N1H0T1g028bsLQm0>
- **IERiGŻ** – bibliographic and abstract database - agricultural economics <http://www.ierigz.waw.pl/szukaj>
- **Informacje o ruchu otwartej nauki w Polsce i na świecie** – information about the Open Science in Poland and all around the World <http://otwartanauka.pl/>

- **Internetowy System Aktów Prawnych** - legal information system by Polish Parliament <http://isap.sejm.gov.pl/>
- **IngentaConnect** - bibliographic database: agriculture, animal husbandry, fisheries and fisheries, forest management and food management <https://www.ingentaconnect.com/>
- **Instytut Podstaw Informatyki PAN** - repository <http://rbc.ipipan.waw.pl/dlibra/>
- **InTech Open Access** <https://www.intechopen.com/>
- **JoVE** - free access to (<https://www.jove.com/>):
 - articles and research about COVID-19 <https://www.jove.com/coronavirusresource>
 - section Science Education gives a free access to Core Social Psychology, Lab Manual Chemistry and Clinical Skills
 - if you register, you will get a free access to all sources of JoVE Education (till 15th Juni 2020)
- **JSTOR** about COVID-19 <https://about.jstor.org/covid19/free-covid-19-articles/>
- **JSTOR (Public Health journals on JSTOR)** - access only till 30.06.2020 <https://about.jstor.org/l/public-health/>
- **LIVIVO** - information portal in the field of natural sciences; it allows to search various catalogs and scientific databases: MEDLINE, CC MED, Catalogue Life Sciences - ZB MED), Catalogue NLM - US National Library of Medicine) <https://www.livivo.de/>
- **MEDtube Science** - <https://medtube.net/science/>
- **Mendeley Data** – open repository of research data with the possibility of using them , citing them <https://data.mendeley.com/>
- **MIT Open Course Ware** – base of various courses <https://ocw.mit.edu/index.htm>
- **Navoica** – Poland-wide e-learning course platform (a new idea) <https://navoica.pl/>
- **MDPI** – biology, business and economics, chemistry, mathematics, computer science, engineering, environment and earth sciences, medicine and pharmacology, public health and health care, physics <https://www.mdpi.com/>
- **NTIS** - National Technical Information Service <https://www.ntis.gov/federal-data-products.html>
- **OAister** – multi-science base <https://oaister.worldcat.org/>
- **OceanDocs** - <https://www.oceandocs.org/>
- **OneGeology** - Geological Survey initiative launched in the International Year of Planet Earth, which will make public and Internet-accessible the best available digital geological map data and all forms of relevant Geoscience digital data worldwide to better address the needs of society <http://portal.onegeology.org/OnegeologyGlobal/>
- **Open Aire** – multi-science base <https://explore.openaire.eu/search/find?keyword=>
- **Open DOAR** – agriculture, nutrition and veterinary medicine; biology and biochemistry; earth sciences; ecology and the environment; mathematics and statistics; physics and astronomy; health and medicine; architecture, IT; electrics and electronics; mechanics, materials science; geography and sciences of the regions of the world <http://v2.sherpa.ac.uk/opensdoar/>
- **Open Yale Courses** – open courses by Yale University. <https://oyc.yale.edu/>
- **OpenStax** – academic textbooks by Rice University <https://openstax.org/>
- **Otwórz Książkę** - digital collection of scientific books of Polish scientists. <http://otworzksiazke.pl/>
- **Piśmiennictwo leśne** - forestry – news <http://weblis.ibles.pl/libcat/index.html>
- **PLoS - Public Library of Science** <https://plos.org/>
- **Organic eprint** - organic food and agriculture – international open access archive <https://www.orgprints.org/>

- **Polish Digital Mathematics Library** - bibliographic descriptions of books and articles. A large part of the collection are archival issues of mathematical magazines published before 1939 (najstarszy dostępny tom pochodzi z 1888 roku)
<http://pldml.icm.edu.pl/pldml/search/general.action?cid=e8c8d350-c4c7-4e6b-ae99-ad57af84cbc3>
- **Polish Scientific Journals Database** – <http://psjd.icm.edu.pl/>
- **Politechnika Poznańska** - repository <http://repozytorium.put.poznan.pl/dlibra>
- **Portal nauka polska** – Polish institutions, people of science, scientific works, conferences, fairs, research projects <http://nauka-polska.pl/>
- **Projekt Fizyka wobec wyzwań XXI wieku** – didactic materials for students: computer science, mathematics, physics, chemistry, biology (also molecular) and similar subjects.
https://brain.fuw.edu.pl/edu/index.php/Strona_g%C5%82%C3%B3wna
- **PubMed** - bibliographic and abstract database – medicine and related sciences
<https://www.ncbi.nlm.nih.gov/pubmed/>
- **RCIN (Repozytorium Cyfrowe Instytutów Naukowych)** – repository: physical chemistry, organic chemistry, geography, spatial development, mathematics, experimental and clinical medicine, technology, electronic materials technology, zoology, bioorganic chemistry, mammal biology
<https://rcin.org.pl/dlibra>
- **Raporty o stanie środowiska w województwie dolnośląskim** - state of the environment in the Dolnośląskie voivodship <http://www.wroclaw.pios.gov.pl/index.php?id=publikacje&sub=raporty>
- **RePEc - Research Papers in Economy** <http://repec.org/#general>
- **Repozytorium Centrum Otwartej Nauki** – repository <http://depot.ceon.pl/>
- **Repozytorium Cyfrowe UTP w Bydgoszczy** – repository: mathematics, physics, architecture, environmental engineering, construction, animal husbandry and biology, mechanical engineering, agriculture and biotechnology, technology and chemical engineering, computer science, electrical engineering, management <http://dlibra.utp.edu.pl/dlibra/>
- **Repozytorium Eny Politechnika Wrocławska** repository <http://zet10.ipee.pwr.wroc.pl/?ln=pl>
- **Repozytorium Cyfrowe Instytutów Naukowych** repository <https://rcin.org.pl/dlibra>
- **Repozytorium Politechniki Krakowskiej** – repository: mechanics, chemical engineering and technology, environmental engineering, civil engineering, electrical and computer engineering, physics, mathematics, computer science, architecture <https://suw.biblos.pk.edu.pl/>
- **Repozytorium publikacji naukowych Politechniki Śląskiej** repository
<https://repolis.bg.polsl.pl/dlibra/>
- **Repozytorium Uniwersytetu w Białymstoku** repository <https://repozytorium.uwb.edu.pl/jspui/>
- **Repozytorium Uniwersytetu Wrocławskiego** repository <https://repozytorium.uni.wroc.pl/dlibra>
- **Repozytorium UMK** repository <https://repozytorium.umk.pl/>
- **ResearchGATE** - a social media for researchers with access to selected literature
<http://www.researchgate.net/>
- **Rolnicza Biblioteka Cyfrowa** – Agriculture Digital Library <http://mars.cbr.edu.pl:8080/dlibra>
- **Sciendo** - <https://www.sciendo.com/>
- **Scitrus** – last research about COVID-19
<https://www.scitrus.com/special/novel%20coronavirus%20outbreak>
- **Scientific Research** – books and journals Open Access by Scientific Research Publishing
<https://www.scirp.org/>
- **SIBROL** - Agricultural Research Information System http://gamma.cbr.edu.pl/F/?func=find-b-0&local_base=SIB01

- **SIGŻ** - Food Economy Information System http://gamma.cbr.edu.pl/F/?func=find-b-0&local_base=SIG01
- **SSRN** - <https://www.ssrn.com/index.cfm/en/>
- **Supercourse** - public health and disease prevention – global repository of lectures <http://www.pitt.edu/~super1/>
- **Swiss Federal Institute of Technology** <https://www.library.ethz.ch/en/Resources/Digital-library>
- **SYMPOnet** – conference papers in Polish libraries
- **Taylor&Francis about COVID-19** - <https://taylorandfrancis.com/coronavirus/#>
- **TUBdok** - Hochschulschriftenserver der Technischen Universität Hamburg-Harburg: archive - technology <https://tore.tuhh.de/>
- **University of California** <https://escholarship.org/>
- **Uniwersytet Kazimierza Wielkiego** - repository <https://repozytorium.ukw.edu.pl/>
- **VideoLectures.NET** – repository of video lectures <http://videlectures.net/>
- **Wirtualny Uniwersytet** – ‘virtual university’ created by Akademia Leona Koźmińskiego i Warszawska Wyższa Szkoła Informatyki. <http://uniwersytet-wirtualny.edu.pl/>
- **World Bank Open Knowledge Repository** - <https://openknowledge.worldbank.org/>
- **The Polish Digital Mathematics Library** - mathematics - books http://pldml.icm.edu.pl/pldml/browse/page.action?q=sc.books*I_0&qt=BROWSE
- **Wiley** – free articles about COVID-19 <https://novel-coronavirus.onlinelibrary.wiley.com/>
- **World Environmental Library** – medicine, health, environmental protection, nutrition, agriculture <http://www.nzdl.org/gsdmod?a=p&p=about&c=envl>
- **Wszechnica.org** – internet portal of Rural Development Foundation (Fundacja Wspomagania Wsi) <https://wszechnica.org.pl/>