

## OSL E-LIBRARY

The OSL staff, part-time employees and walk-in users have access to the following list of e-resources from all the OSL computers.

The access is granted within the projects supported by the Russian Foundation for Basic Research (RFBR) and the Ministry of Science and Higher Education of the Russian Federation.

- Web of Science Core Collection <https://webofknowledge.com>
- Scopus <http://www.scopus.com>
- Elsevier Journals: Freedom Collection <http://www.sciencedirect.com>
- Elsevier Books: Freedom Collection – Book Collection <https://www.sciencedirect.com/browse/journals-and-books>
- Oxford University Press <https://academic.oup.com>
- Proquest Thesis and Dissertations <https://search.proquest.com/index>
- Sage Publications <http://online.sagepub.com>
- Science (The American Association for Advancement of Science) <http://www.sciencemag.org>
- Springer Nature:
  - Springer Journals <https://link.springer.com/journals/>
  - Springer Journal Archive <https://link.springer.com/journals/>
  - Springer Books <https://www.sciencedirect.com/browse/journals-and-books>
  - Springer Book Series [https://link.springer.com/search?facet-content-type="BookSeries"](https://link.springer.com/search?facet-content-type=)
  - Springer Materials <https://materials.springer.com>
  - Springer Protocols [https://link.springer.com/search?facet-content-type="Protocol"](https://link.springer.com/search?facet-content-type=)
  - Springer References [https://link.springer.com/search?facet-content-type="ReferenceWork"](https://link.springer.com/search?facet-content-type=)
  - (Springer) Nature Publishing Group Journals <http://www.npg.com>
  - (Springer Nature) Nano Database <http://www.nano.nature.com>
  - Springer Nature Experiments <https://experiments.springernature.com/>
  - Springer Exemplar <https://springeronlineservice.freshdesk.com/support/solutions/articles/6000191181-springer-exemplar>
  - zbMath <http://www.zbmath.org>

Description of all e-resources and related references are available at the OSL website <https://www.otto-schmidt-laboratory.de/>

With the access issues, please, address to Maria Andreevna Gusakova ([gusakova@aari.ru](mailto:gusakova@aari.ru)) at AARI and/or Irina Razumova ([razumova@neicon.ru](mailto:razumova@neicon.ru)).

## DESCRIPTION OF E-RESOURCES AVAILABLE AT OSL

Descriptions in Russian and the journals title lists are provided on the website of the Scientific Library of St. Petersburg State University <http://www.library.spbu.ru/>

**Terms of use:** Electronic resources are governed by license agreements, which restrict access to Authorized Users. It is the responsibility of each user to abide by the license agreements and specific terms and conditions for each product. Systematically downloading, distributing, or retaining substantial portions of information may result in loss of access to these resources for the entire AARI community.

**Personal Privacy:** Some licensed resources allow you to create a personal account for the purposes of creating folders, saving searches, and downloading entire e-books as well as other personalized services. Please be advised that the personal information you disclose to these and other external websites may be stored on servers located outside of Russia. When you use these services, no personal information about you is collected by or for the University. Russian privacy laws do not apply to personal information you provide directly to these external websites.

### 1. Web of Science Core Collection - Citation Index, analytical, scientometric and reference database

Online access

<https://webofknowledge.com>

Vendor

Clarivate Analytics

Description full

Web of Science Core Collection includes the following sections:

- "Science Citation Index Expanded" - bibliographic data, author's abstracts and lists of references, articles from journals in the field of natural, exact sciences and medicine, coverage from 1900 to the present.
- "Social Sciences Citation Index" - bibliographic data, author's abstracts and lists of references of articles from journals in the field of social and economic sciences, coverage from 1900 to the present.
- "Arts & Humanities Citation Index" - bibliographic data, author's abstracts and lists of references, articles from journals in the humanities and art, coverage from 1989 to the present.

Lists of sources presented in journal sections can be downloaded from the link: <http://ip-science.thomsonreuters.com/mjl> (section "Journal Lists for Searchable Databases").

- Conference Proceedings Citation Index-Science - bibliographic data, author's abstracts and lists of references of articles from conferences in the field of natural, exact sciences and medicine, coverage from 1990 to the present.
- Conference Proceedings Citation Index- Social Science & Humanities - bibliographic data, author's abstracts and lists of references of articles from the materials of conferences in the field of social and human sciences, coverage from 1990 to the present.
- Book Citation Index– Science - citation index for monographs in the field of natural, exact sciences and medicine, coverage from 2005 to the present.
- Book Citation Index– Social Sciences & Humanities - citation index for monographs in the field of social and human sciences, coverage from 2005 to the present.
- Current Chemical Reactions - a description of the latest synthetic methods, published in more than 100 leading scientific journals on organic chemistry.
- Index Chemicus - covers more than 100 of the world's leading journals in organic chemistry, provides a search for texts and subsections and contains complete graphical summaries, important reaction diagrams and comprehensive bibliographic information.
- Emerging Sources Citation index (ESCI) is part of the Web of Science Core Collection since the fall of 2015, including about 80 Russian journals. List of journals
- <http://mjl.clarivate.com/cgi-bin/jrnlst/jloptions.cgi?PC=EX>
- ESCI includes journals that claim to be included in the Web of Science Core Collection main journal indices. Unlike the main Web of Science Core Collection indexes for journals included in ESCI, impact factors presented in the Journal Citation Reports database are not calculated.

Effective search and analysis techniques in WoS

<https://www.youtube.com/watch?v=bdXcuPO3cSk&feature=youtu.be>

You can find a lot of useful information on the Clarivate Analytics Russian website.

<http://info.clarivate.com/rcis>

Online seminars for users in Russian

[https://www.youtube.com/playlist?list=PL06rTtD\\_uktIiMJYDTTWfHKdQnrwpNNAa&elqTrackId=f9999c1f66e043e185a69cde11fdbeaa&elqaid=5105&elqat=2](https://www.youtube.com/playlist?list=PL06rTtD_uktIiMJYDTTWfHKdQnrwpNNAa&elqTrackId=f9999c1f66e043e185a69cde11fdbeaa&elqaid=5105&elqat=2)

Help URL

Quick Reference Guide Web of Science Core Collection

[http://wokinfo.com/media/mtrp/wok5\\_wos\\_qrc\\_ru.pdf](http://wokinfo.com/media/mtrp/wok5_wos_qrc_ru.pdf)

Subjects

Anthropology, Archeology, Astronomy, Business, Biology, Oriental Studies, Geography, Geology, Geophysics, State and Law. Jurisprudence, Demography, Journalism. Mass

communications, engineering, art. Art Studies, Islam, History. Historical Sciences, Cybersport, Culture. Culturology, Mathematics, Medicine and Health Care, International Relations, Metrology, Mechanics, Nanoscience and Nanotechnology, Earth Sciences, Education, Patent, Politics. Political science, Psychology, Religion. Atheism, Agriculture and Forestry, Sociology, Statistics, Dentistry, Physics, Physical Culture and Sports, Philology, Philosophy, Chemistry, Ecology. Environmental Protection, Economics, Energy

Resource Type

Database

We recommend that you review the privacy policies of these and other external websites before using the services.

## 2. SCOPUS – Citation Index, analytical and reference database

Online access:

<http://www.scopus.com>

Vendor

Elsevier B.V.

Description full

**Scopus-** Scopus-abstract and analytical database of scientific publications and citations, which presents more than 22,000 academic journals from 5,000 different publishers, including 340 Russian publications.

- You can download the full list of sources indexed by Scopus in Excel format on the Scopus Information site <http://www.elsevier.com/online-tools/scopus/content-overview> (link “Scopus journal title list”).

- More about the resource <http://elsevierscience.ru/products/scopus/>

- General information about Scopus:

[http://elsevierscience.ru/files/pdf/SC\\_Content-Coverage-Guide\\_July-2014\\_RUS.pdf](http://elsevierscience.ru/files/pdf/SC_Content-Coverage-Guide_July-2014_RUS.pdf)

- Section How to correct the author's profile in Scopus

[https://service.elsevier.com/app/answers/detail/a\\_id/14550/supporthub/scopuscontent/](https://service.elsevier.com/app/answers/detail/a_id/14550/supporthub/scopuscontent/)

- Videos on work on the platform Scopus

[https://service.elsevier.com/app/answers/detail/a\\_id/14799/supporthub/scopus/](https://service.elsevier.com/app/answers/detail/a_id/14799/supporthub/scopus/)

Help URL

Scopus Quick Guide in Russian

[http://elsevierscience.ru/files/pdf/Scopus\\_Quick\\_Reference\\_Guide\\_Russian\\_v2.pdf](http://elsevierscience.ru/files/pdf/Scopus_Quick_Reference_Guide_Russian_v2.pdf)

## Subjects

Anthropology, Archeology, Astronomy, Business, Biology, Oriental Studies, Geography, Geology, Geophysics, State and Law. Jurisprudence, Demography, Journalism. Mass communications, engineering, art. Art Studies, Islam, History. Historical Sciences, Cybersport, Culture. Culturology, Mathematics, Medicine and Health Care, International Relations, Metrology, Mechanics, Nanoscience and Nanotechnology, Earth Sciences, Education, Patent, Politics. Political science, Psychology, Religion. Atheism, Agriculture and Forestry, Sociology, Statistics, Dentistry, Physics, Physical Culture and Sports, Philology, Philosophy, Chemistry, Ecology. Environmental Protection, Economics, Energy

## Resource Type

Database

### **3. Elsevier Journals - Freedom Collection**

Online access:

<http://www.sciencedirect.com>

## Vendor

Elsevier B.V.

## Description full

Access to all Elsevier Freedom Collection subject collections (more than 2500 journals) on the Science Direct portal. Access to full text, starting in 2014.

The Science Direct platform features more than 2,200 journals supporting open access (open access), in which long historical periods, archives or individual articles are open for free to any Internet user. You can see the list of such journals at the link: <http://www.sciencedirect.com/science/browse/all-open-access>

You can see the online tutorials for working with the Science Direct platform in English via the link "Online Tutorials".

<https://service.elsevier.com/app/home/supporthub/sciencedirect/>

You can read the quick guide in Russian.

[http://elsevierscience.ru/files/pdf/ScienceDirect\\_User\\_Guide\\_RUS.pdf](http://elsevierscience.ru/files/pdf/ScienceDirect_User_Guide_RUS.pdf)

## Title list URL

<http://cufts.library.spbu.ru/CJDB/SPBGU/browse/bylink/association/124>

## Subjects

Business, Biology, Geography, Geology, Geophysics, Journalism. Mass communications, Engineering, Mathematics, Medicine and healthcare, International relations, Mechanics,

Nano-science and nanotechnology, Earth sciences, Psychology, Sociology, Dentistry, Physics, Physical culture and sports, Chemistry, Economics, Energy

Resource Type

Electronic journals

Open access

no

#### **4. Elsevier books. Freedom Collection – Book Collection**

Online access

<https://www.sciencedirect.com/browse/journals-and-books>

Description full

More than 5,000 titles of books on various branches of knowledge are available, mainly for the period from 2014 to 2018.

For a complete list of available books in the drop-down menu "All access types" you must select "Subscription & Complimentary". All available books will be marked with a green icon (on the right side of the list).

Subjects

Astronomy, Business, Biology, Engineering, Mathematics, Medicine and Health Care, Psychology, Sociology, Physics, Chemistry, Economics

Resource Type

eBooks

#### **5. Oxford Journals**

Online access

<https://academic.oup.com>

Vendor

Oxford University Press

Description full

This resource is of interest to specialists in various branches of knowledge. The database contains a large number of refereed journals (both in the field of natural and accurate, and in the field of humanitarian knowledge), which were highly appreciated by the world scientific community.

Title list URL

<http://cufts.library.spbu.ru/CJDB/SPBGU/browse/bylink/association/1>

## Subjects

Astronomy, Business, Biology, Oriental Studies, State and Law. Jurisprudence, Journalism. Mass communications, History. Historical Sciences, Mathematics, Medicine and Health Care, International Relations, Mechanics, Nanoscience and Nanotechnology, Politics. Political Sciences, Psychology, Physics, Physical Culture and Sports, Philology, Chemistry, Economics

## Resource Type

electronic journals

## 6. ProQuest Dissertations & Theses Global

### Online access

<https://search.proquest.com/index>

### Vendor

ProQuest

ProQuest Dissertations & Theses Global ProQuest Dissertations & Theses Global - The world's largest full-text collection of dissertations and theses. The official digital archive of dissertations of the Library of Congress and the largest base for graduate students and doctoral students. PQDT - Full-text database with millions of excerpts from dissertations and theses from around the world, published since 1861, as well as over a million full-text dissertations that can be downloaded in PDF format. Over 2.1 million works can be purchased in print. The database offers a full-text search for most dissertations that have been added since 1997, and an extensive amount of materials on papers published earlier.

Each year, over 70,000 dissertations and theses are added to the database as part of a partnership with 700 leading academic institutions around the world, as well as collaborating to digitize dissertations as part of the UMI Digital Archiving and Access Program. Full-text dissertations are archived immediately after receiving from the institutions assigning scientific degrees. Some dissertations are delivered in text format PDF, and some - in the format of images in PDF.

All dissertations published since July 1980 are accompanied by author's abstracts 350 words long. Master's theses, published since 1988, are accompanied by notes of 150 words. Simple bibliographic excerpts are available for dissertations published since 1637. PQDT - Full Text also contains 24-page introductory excerpts from some theses and dissertations.

### Help URL

Description ProQuest Digital Dissertations and Theses – ProQuest

[http://cufts.library.spbu.ru/MaintTool/static/erm\\_files/m/3d1d0c59-a8e1-4098-84ec-6adfad5097fe.PDF](http://cufts.library.spbu.ru/MaintTool/static/erm_files/m/3d1d0c59-a8e1-4098-84ec-6adfad5097fe.PDF)

#### Subjects

Anthropology, Archeology, Astronomy, Business, Oriental Studies, Geography, Geology, Geophysics, State and Law. Jurisprudence, Demography, Journalism. Mass communications, engineering, art. Art Studies, Islam, History. Historical Sciences, Mathematics, Medicine and Health Care, International Relations, Metrology, Mechanics, Nanoscience and Nanotechnology, Earth Sciences, Education, Patent Business, Politics. Political science, Psychology, Religion. Atheism, Agriculture and Forestry, Sociology, Statistics, Dentistry, Physics, Physical Culture and Sports, Philology, Philosophy, Chemistry, Ecology. Environmental Protection, Economics, Energy

#### Resource Type

Dissertations and theses

### **7. SAGE Publication (Sage)**

#### Online access

<http://online.sagepub.com>

#### Vendor

Sage Publication

#### Description full

The publishing house of scientific journals Sage Publications is known for its journals in the field of materials science, as well as humanities journals in sociology, criminology, ethnology and psychology. More than 100 publishing journals are listed in the databases of the United States Institute for Scientific Information (ISI).

As part of the subscription, you can access the full texts of journal articles included in the Sage Premier collection and the Sage Deep Backfile Collection.

#### Title list URL

#### Journal Collection List

[http://cufts.library.spbu.ru/CJDB/SPBGU/browse/associations?t=startswith&q=SAGE&rowse\\_field=association](http://cufts.library.spbu.ru/CJDB/SPBGU/browse/associations?t=startswith&q=SAGE&rowse_field=association)

#### Subjects

Business, Biology, Geography, State and Law. Jurisprudence, Engineering, Art. Arts, Medicine and Health Care, International Relations, Nanoscience and Nanotechnology,



Education, Psychology, Religion. Atheism, Sociology, Dentistry, Philology, Philosophy, Chemistry, Economics

Resource Type

Electronic journals

## **8. Science - "Science" Journal of the American Association for the Advancement of Science - AAAS**

Online access: <http://www.sciencemag.org>

Description full

Access to the full-text version of one of the two most prestigious multidisciplinary journals "Science" published by the American Association for the Advancement of Science - AAAS.

To view the current issue of the journal on the main page "Current Issue", to view the archive - the link "Previous issues".

Title list URL

Science

Science Now

Subjects

Biology, Nanoscience and Nanotechnology, Physics

Resource Type

Electronic journals

## **9. Springer Nature**

### **a. Springer Journals**

Online access

<https://link.springer.com/journals/>

Description full

Springer Journals (2 500 journals published by Springer)

Title list URL

<http://cufts.library.spbu.ru/CJDB/SPBGU/browse/bylink/association/45>

## Subjects

Anthropology, Astronomy, Business, Biology, Geology, Geophysics, State and Law. Jurisprudence, Demography, Engineering, History. Historical Sciences, Mathematics, Medicine and Health Care, International Relations, Nanoscience and Nanotechnology, Earth Sciences, Education, Politics. Political science, Psychology, Religion. Atheism, Sociology, Statistics, Physics, Physical Culture and Sports, Philology, Philosophy, Chemistry, Ecology. Environmental Protection, Economics

## Resource Type

Electronic journals

### **b. Springer Journal Archive**

## Online access

<http://link.springer.com>

## Description full

Full-text Springer Journals for 1832-1892

## Subjects

Anthropology, Astronomy, Business, Biology, Geology, Geophysics, State and Law. Jurisprudence, Demography, Engineering, History. Historical Sciences, Mathematics, Medicine and Health Care, International Relations, Nanoscience and Nanotechnology, Earth Sciences, Education, Politics. Political science, Psychology, Religion. Atheism, Sociology, Statistics, Physics, Physical Culture and Sports, Philology, Philosophy, Chemistry, Ecology. Environmental Protection, Economics

## Resource Type

electronic journals

### **c. Springer Books**

## Online access

<https://link.springer.com/books>

## Description full

More than 86,000 books published by Springer Nature for the years 2005-2017. in various subject areas.

## Subjects

Biomedicine; Business and Management; Chemistry; Computer Science; Earth Sciences; Economics; Education; Engineering; Environment; Geography; History; Law; Life Sciences; Literature; Materials Science; Mathematics; Medicine & Public Health;

Pharmacy; Philosophy; Physics; Political Science and International Relations;  
Psychology; Social Sciences; Statistics

Resource Type

E-Books

#### **d. Springer Book Series**

Online access

[https://link.springer.com/search?facet-content-type="BookSeries"](https://link.springer.com/search?facet-content-type=)

Description full

Available 10 titles of book series.

Subjects

Anthropology, Biology, Geology, History. Historical Sciences, Mathematics, Medicine and Health Care, International Relations, Nanoscience and Nanotechnology, Earth Sciences, Politics. Political sciences, Psychology, Sociology, Physical culture and sport, Philology, Philosophy, Chemistry

Resource Type

eBooks

#### **e. Springer Materials**

Online access

[https:// materials.springer.com](https://materials.springer.com)

Description full

SpringerMaterials provides curated data and advanced functionalities to support research in materials science, physics, chemistry, engineering, and other related fields.

Subjects

Materials science, physics, chemistry, engineering, and other related fields.

Resource Type

Database

#### **f. Springer Protocols**

Online access

[https://link.springer.com/search?facet-content-type="Protocol"](https://link.springer.com/search?facet-content-type=)

Description full

Full-text laboratory protocols in the field of biomedicine

Subjects

Anthropology, Biology, Geology, History. Historical Sciences, Medicine and Health Care, Nanoscience and Nanotechnology

Resource Type

References

### **g. Springer References**

Online access

[https://link.springer.com/search?facet-content-type="ReferenceWork"](https://link.springer.com/search?facet-content-type=)

Description full

Springer reference works 800 reference books on various branches of knowledge.

2018

Subjects

Anthropology, Biology, Geology, History. Historical Sciences, Medicine and Health Care, International Relations, Nanoscience and Nanotechnology, Physical Education and Sport, Philology

Resource Type

References

### **h. (Springer) Nature Publishing Group**

Online access

<http://www.npg.com>

Vendor

Springer Nature

Description full

85 Fulltext journals of Nature Publishing Group: Nature, Nature Branded Journals, Scientific American, Palgrave McMillan

Title list URL

<http://cufts.library.spbu.ru/CJDB/SPBGU/browse/bylink/association/32>

Subjects

Biology, Geography, Geology, Geophysics, Medicine and Health Care, Nanoscience and Nanotechnology, Earth Sciences, Physics, Chemistry

Resource Type

electronic journals

#### **i. Nano Database**

Online access

<http://www.nano.nature.com>

Vendor

Springer

Description full

The Nano Database is a unique source that provides indexed and structured information related to nanomaterials and devices in more than 200,000 profiles.

Resource Type

Database

#### **j. Springer Nature Experiments**

Online access

<https://experiments.springernature.com/>

Description full

Springer Nature Experiments is a new research solution developed by the publisher to provide scientists with access to the most relevant and important protocols and methods to support their research projects in Life Sciences. He combined the content of the previously existing platforms Nature Methods, Nature Protocols, Springer Protocols and Protocols Exchange.

Resource Type

Database

#### **k. SpringerExemplar**

Online access

<https://springeronlineservice.freshdesk.com/support/solutions/articles/6000191181-springer-exemplar>

Description full

SpringerExemplar is a free contextual dictionary based on scientific journals and monographs of the Springer publishing house. The resource searches on the basis of 3,000

journals and more than 20,000 monographs published by Springer, finding examples of how a particular word or phrase is used in published literature. The search is performed on current and archival information in all branches of knowledge, including life sciences, medicine, engineering sciences, mathematics and computer science, business and law. The resource is constantly updated with new content. The resource was created in collaboration between Springer Science & Business Media and the Center for Biomedical and Health Linguistics.

Resource Type

Search engines

Open access

yes

### **1. zbMATH - Database**

Online access

<http://www.zbmath.org>

Description full

One of the most complete and reputable review and review databases on pure and applied mathematics.

Subjects

Math, Mechanics

Resource Type

Database