Guide to JST Information Services

Information, Infrastructure and Innovation

JST aims to support R&D activities and the creation of innovation by developing a comprehensive information infrastructure that focuses on easily accessible S&T databases. In addition, JST develops human resources who will lead the next generation and promotes communication regarding S&T.
J-STAGE is an online platform providing easy access to a wide variety of full-text academic articles. Over 1,700 of Japan’s academic societies use J-STAGE to publish their e-journals.

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Diverse contents

- J-STAGE has the following types of publications:
  - Journals, Proceedings, Research Reports / Technical Reports, Magazines
- Publications on J-STAGE cover a wide variety of academic fields including both natural sciences and social sciences

Databases linked to J-STAGE

- J-STAGE journals are listed in: DOAJ, Web of Science, Scopus, PubMed, etc.
- Article pages on these sites provide links to the full-text J-STAGE pages

You can access articles on J-STAGE via PC, smartphone or tablet.

How to use J-STAGE

- Search directly for articles via the J-STAGE website, or via external sites including Google Scholar
- A free account service called “My J-STAGE” provides bookmark and alert functions
J-STAGE Data is a data repository launched in 2020 for promoting Open Science in Japan. J-STAGE Data allows J-STAGE journals or the author(s) to upload the data used in their articles*. All data is Open Access and freely available to cite, share and reuse under the conditions set by their owners or publishers.

J-STAGE Data makes data utilization easier
- A DOI is automatically added to each data item, facilitating global dissemination
- Data items on J-STAGE Data are linked to corresponding J-STAGE articles
  You can access corresponding articles with one click
- All J-STAGE Data items are labeled with the license agreed upon by its data creators, and you can reuse each item under the specified conditions

*As of October 2020, the repository is in a pilot phase. Only selected journals are allowed to upload data.

The Japan Link Center (JaLC) is a Registration Agency in Japan approved by the DOI Foundation in 2012(*). JaLC registers DOIs for Japanese content such as academic journal articles, books, research data, e-learning etc.

JaLC DOIs
over 8.7 million

Regular Members
56 institutions

Associate Members
2,386 institutions
(As of October, 2020)

Providing global access to Japanese research content
- Ensuring sustained access to content by registering DOI
- JaLC members can register DOI
- Collaboration with Crossref, Datacite and ORCID

* It is administered jointly by four academic institutions in Japan, (Japan Science and Technology Agency (JST), National Institute for Materials Science (NIMS), National Institute of Informatics (NII), and National Diet Library (NDL))
J-GLOBAL is a service based on the concept of “Linking, Expanding, and Sparking.” It links science and technology information, which hitherto stood alone, to support the next generation of ideas. By linking the information entered in the system, we provide opportunities to obtain knowledge and make unexpected discoveries from high-quality S&T information sources within and outside JST.

Useful for experts such as

- Personnel involved in cooperation between industry, academia, and government
- Public library employees responsible for reference
- Researchers
- Research and development planners
- Financial representatives
- Managers
- Students writing theses and doing research

Helping you to find

- Clues or hints for solving technical issues
- Information about the application of a certain technology to other fields
- Technological trends of other companies in the same industry
- Eligible researchers for joint research
- Background research and reference literature
- Financial representatives
- Research with commercial potential at a certain university
researchmap is a platform for managing, publishing, and sharing information on researchers. Over 300,000 researchers have registered their profiles and research outputs on researchmap. researchmap has been integrated into the systems of universities and provides features to help users find researchers for industry-academia collaboration and joint research.

Registered researchers: 314,734
Page views per month: 17,622,853
Recorded achievements: 24,630,802
Linked universities: 241
Linked external database: 10

Reduce management costs
- Affiliated institutions’ staff, co-authors, and AI manage information in place of you
- Research achievements can be imported from external systems such as literature databases
- You can continue to use even if changing institution or job

Cooperation with other systems
- The Cross-Ministerial Research and Development Management System (e-Rad)
- JREC-IN Portal
- J-GLOBAL

Promote research activities
- Easy to find interested researchers
- Promote joint research using community functions
- Follow interested researchers
JREC-IN Portal is an informative portal site that supports the career development and skills building of researchers, research assistants, technicians and other research-related human resources. JREC-IN Portal provides 22,000 public job openings and is accessed over 1.7 million times per month. The platform provides functions to satisfy all stakeholders.

High-Quality Services Available for Free

- Browsing
- Membership registration
- Job posting
- Personal information registration and update
- Job alerts

Exclusive Services for Recruiting Members

- Posting job information: Information on job openings is sent to job-seeking members as matching e-mails
- Seeking researchers’ information: CVs can be searched to find highly qualified candidates
- Sending inquiry e-mail: Inquiries can be sent to job-seeking members
The NBDC, National Bioscience Database Center, works towards innovation through database integration. As of September 2020, the NBDC provides a union catalog “Integbio Database Catalog” covering 2,460 domestic and international databases, “LSDB Cross Search” allowing users to search 674 databases simultaneously etc.

Supporting access and long-term preservation of databases

- Allowing easy access to databases with “Integbio Database Catalog” “LSDB Cross Search”
- Launched the first portal in Japan for organizing RDF formatted data created by institutions
- Accepting deposition of datasets for long-term preservation

Other Services (Japanese only)

JST Project Database
Database of JST Research and Development Programs
https://projectdb.jst.go.jp/
Email: projectdb_contact@jst.go.jp
This website is a public database of JST research and development programs. It contains outlines of over 22,000 research projects and related information, such as titles, researchers, affiliations, research periods, research areas, etc.

Gakkai Meikan Database
Database of Academic Societies in Japan
https://gakkai.jst.go.jp/gakkai/
Email: gakkai@jst.go.jp
This website is a public database of academic societies in Japan and is operated by the Japan Science and Technology Agency (JST), Science Council of Japan (SCJ), and Japan Science Support Foundation (JSSF). It contains outlines and related information, such as journals, the goals underlying establishment, etc.

JDream
Japan’s Largest Scientific, Technological, and Medical Database
https://jdream3.com/
Email: https://jdream3.com/inquiry/inquiry_entry.php
JDream is a comprehensive scientific, technological, and medical bibliographic database containing over 80 million records from sources in Japan and worldwide, including journals, proceedings, and technical papers. The database records are abstracted and indexed in Japanese with original thesaurus support. JDream provides an exhaustive record of research output in Japan.

From 2013, the JDream online search service was transferred to G-Search and was renewed as a JDream.

JDream Expert Finder
Find Best Research Partners from Information of 1 Million Experts
https://jdream3.com/service/expert-finder/
https://jdream3.com/lp/expert_finder/
JDream Expert Finder is a service allowing users to search the best research partners or Key Opinion Leaders (KOLs) for solving a research question. Based on information of about 1 million researchers extracted through analysis of over 38 million literatures within “JDream III” with theory of complex networks, it provides a tool to find experts best suited for solving technical issues of companies.

Japanese to Chinese-Chinese to Japanese
Highly Accurate Machine Translation System for Chinese Science and Technology Literature
https://webmt.jst.go.jp/
Email: webmt@jst.go.jp
Highly accurate neural machine translation system developed by JST and Kyoto University is now available online. By deep learning with over 5 million bilingual corpora, the system enables users to translate science & technology and patent literature, from Chinese to Japanese and vice versa with high accuracy.

Japan Information Platform for S&T Innovation (JIPSTI)
https://jipsti.jst.go.jp/
Email: helpdesk@jst.go.jp
JIPSTI is a portal site for disseminating JST’s information services and providing information about science & technology. STI Updates, a part of JIPSTI’s service, delivers the latest news and trends about production, management, sharing and utilization of S&T information.