

Database Training Course

Session overview

- [1] **Locating a specific journal article:**
The University of Tokyo OPAC (Example 1)
- [2] **Searching for articles on a subject:**
Web of Science (Example 2)
Engineering Village (Example 3)
CiNii Articles (for articles in Japanese)
- [3] **How to access databases and E-journals from home:**
SSL-VPN Gateway Service or Authentication Gateway Service

Distributed materials

- Research on the Internet
- Database Training Course (=this sheet)
- Leaflets "Hints on locating documents" ~
- Leaflet "Things you can do with your ECCS account"
- Web of Science Quick Reference Card

Portal site to the databases used in this training session

Libraries for Engineering and Information Science & Technology

http://park.itc.u-tokyo.ac.jp/cllib/index_e.html

The image shows two overlapping web browser screenshots. The background screenshot is the University of Tokyo library website (東京大学工学・情報理工学図書館). In the left sidebar, under 'Find Databases', the 'GACoS' link is highlighted with a red box. A red arrow points from this box to the foreground screenshot of the GACoS interface. The GACoS interface is titled 'Gateway to Academic Contents System' and lists various databases like Web of Science, Engineering Village, and CiNii. A callout box with a speech bubble points to the GACoS interface, containing the text: 'GACoS = Gateway to Academic Contents System'.

Academic Information Literacy Section, Information Technology Group, the University of Tokyo
 Email literacy@lib.u-tokyo.ac.jp

Log in MyOPAC

By using OPAC while logged into MyOPAC, the following services become available:

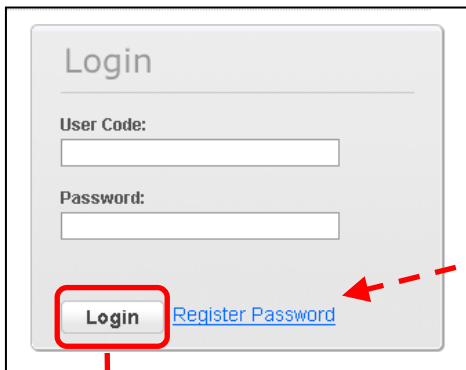
- Books located in your campus library are listed first.
- A button for requesting delivery is displayed on the OPAC search results page.
- Bookmarks can be made to save OPAC search results as links.

etc.

How to log in MyOPAC

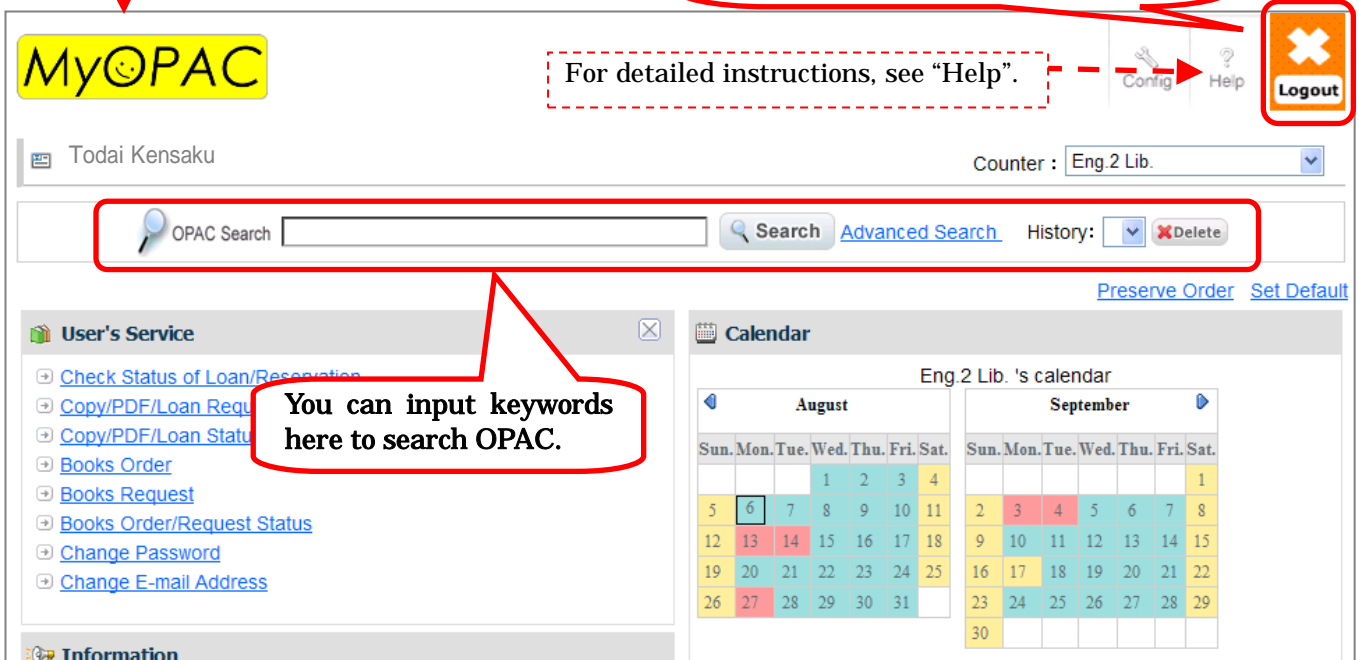
The University of Tokyo OPAC

[Off-campus access provided]
<https://opac.dl.itc.u-tokyo.ac.jp/>



The user code is the last 10 digits of the serial number printed on student or staff ID cards.
 *If you are experiencing difficulty logging in, please consult with your department library.
 You can log in to MyOPAC from off-campus as well.

Finally, make sure to click "Logout!"
 Close the page with your search results from MyOPAC.



[1] Locating a specific journal article

Example 1 Let's search for this article cited in a bibliographical reference list.

S. Li and A. Waag. GaN based nanorods for solid state lighting. *J. Appl. Phys.* 111(7), pp. 071101 (23 pp.). 2012.
 (Author of article) (Title of article) (Title of journal)
 (vol. no.) (Page numbers) (Year)

Step 1: Finding articles with E-journals by using **UT OPAC**

Enter the journal title, and click "Search".

On the search results page, click the journal title.

Leads to the E-JOURNAL PORTAL page. Click the database name featuring this e-journal. (Pay attention to the publication date.)

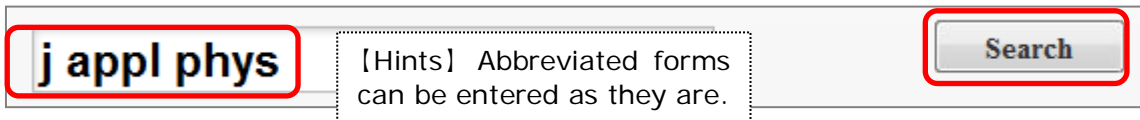
The database homepage opens.

You can access the relevant volume/number or search for the article.

Click "PDF" and view the full text of the article.

See: "Hints on locating Documents "

[Note]
Search by the journal title, not article title.

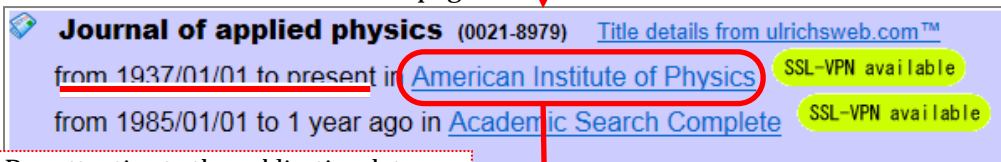


[OPAC search results page] (Select a journal name with "E-Journal" displayed below.)

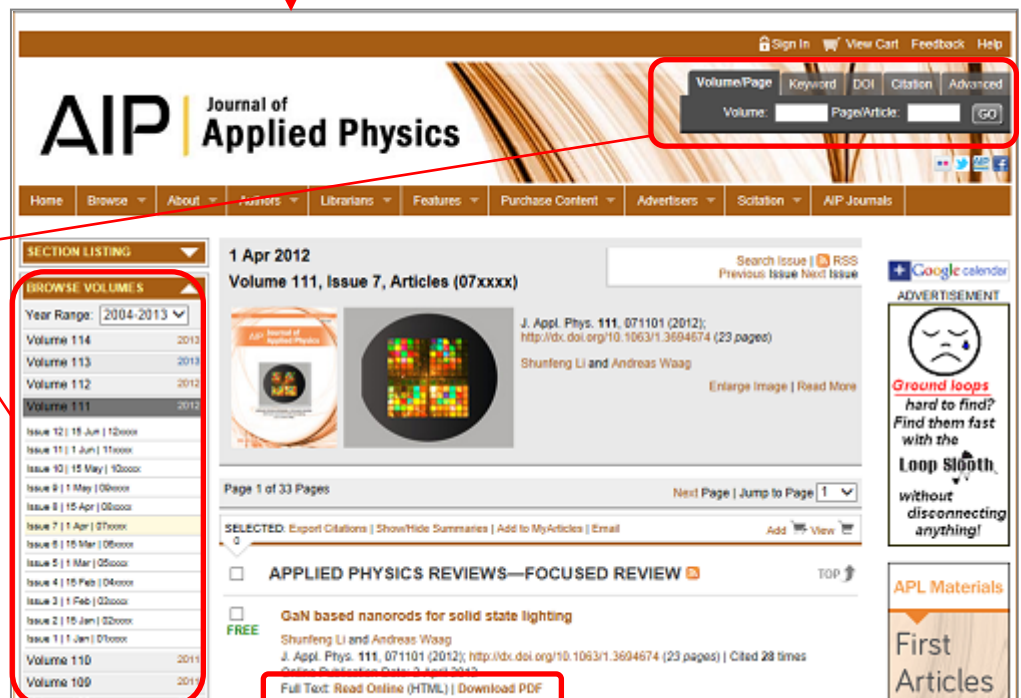


[Hints]
Setting the left-hand "Refine Your Search" to "E-Journal" is effective in refining the search.

[E-JOURNAL PORTAL search results page]



[Publisher websites providing E-Journals]



Step 2: When not available as an E-Journal Search for paper journals by using **UT OPAC**

(This page is displayed after logging in to MyOPAC)

j appl phys [Hints] Abbreviated forms can be entered as they are. **Search**

[OPAC search results page] (Select a journal name with "Journals" displayed below.)

32. **Journal of applied physics**
Vol. 8 (1937)- - New York : American Institute of Ph
[Journals<3000020224>](#) [Hints] Setting "Refine Your Search" to "Journals" and sorting by title are effective.

(When searching while logged into MyOPAC, the request buttons will be displayed.)

< Journals >
Journal of applied physics

Bookmark Copy / Borrow from other univ. Send Mail Export RefWorks Export EndNote Web

Check to see if the volume and issue you want to read are present under the "Volumes" column.

A PDF file containing the requested pages can be viewed from on-campus. Click to go to the request page. *Requires application in advance at your department library.

Location	Volumes	Year	Call No.	Copy	PDF	Comment
Eng 2 Mecha Lib.	69-80	1991-1996		Copy	PDF	
Eng 2 Elec Lib.	8(1-10,12),9-11,12(1-4,6-12),13-14,15(1-5,7-9,11-12),16-17,19-62,81-92	1937-2002		Copy	PDF	館蔵全冊番号:階架番41-42列
Eng 4B Mate Lib (CLOSED)	73-113,114(1-3)+	1993-2013			PDF	
Eng 5 Appl Chem Lib	25-113,114(1-3)+	1954-2013		Copy	PDF	
Eng 6 Appl Phys Lib	8(1-9,11-12),9,10(2-9,11-12),11(1-10),12-19,20(1-11),21-113,114(1-3)+	1937-2013		Copy	PDF	
Sci Phys Lib.	8-10,11(1-10,12),12-98	1937-2005		Copy	PDF	
Sci Earth Planet Lib	34-68	1963-1990		Copy		
ERI Lib.	8-98	1937-2004		Copy	PDF	

Copies can be delivered from other campuses. Click to go to the request page. *Requires application in advance at your department library.

Location	Volumes	Year	Call No.	Copy	PDF	Comment
CAS Sci Lib.	21-28,29(1-3)			Copy		

Location	Volumes	Year	Call No.	Copy	PDF	Comment
IIS Lib.	8-33,34(2-12),35-93,94-114(1-3)+			Copy		

Step 3: If it can not be found at the UT OPAC **Other Univ.**

UT OPAC **Other Univ.** CiNii Articles JAIRO Amazon WorldCat

Simple | [Advanced](#)

meteor* planet* sci* **Search** **Clear**

Titles or keywords can be abbreviated with asterisks.
Insert a half-width space between words.
At least two letters must come before the *.

【 2 】 Searching for articles on a subject Web of Science

Example 2 Let's search for articles on **biomass gas engine**.

Web of Science

http://webofknowledge.com/ [on-campus]

https://gateway.itc.u-tokyo.ac.jp/ [off-campus] *ECCS account necessary

Enter **biomass "gas engine*"** and click "search".

The search results are displayed.

Search results can be analyzed, refined, and sorted as necessary.

Click on the title in the search results page.

View the full text of the article. (Or click UT Article Link button.)

biomass "gas engine*"

Adding an asterisk (*) enables partial match retrieval.
 Adding quotations marks (" ") enables a phrase search.
 For more details, see Help>Search rules

Topic

(cf.) The other search pattern is: **biomass ("gas engine*" or "gas turbine*")**

In this way, search modifiers (and/or/not) can be included in lower-case letters.

Times Cited: How many articles cite this article
Related Records: Articles based on shared references
Cited References: Bibliography of this article

Save to bibliographic tools

Title: **Olivine or dolomite as in-bed additive in biomass gasification with air in a fluidized bed: Which is better?**
 Author(s): Corella, J; Toledo, JM; Padilla, R
 Source: ENERGY & FUELS Volume: 18 Issue: 3 Pages: 713-720 DOI: 10.1021/ef0340918
 Published: MAY-JUN 2004
 Times Cited: 72 (from Web of Science)

Hints on locating documents

[UT Article Link](#) [[View abstract](#)]

University of Tokyo Article Link
 東京大学 学術論文リンク

お探しの論文の全文、または関連のある情報源へご案内します

2分でわかる この画面の使い方 | Learn how to use this page in 2 minutes | 学外アクセスはこちら SSL-VPN Gateway

[電子ジャーナル利用上の注意](#) [GACoS](#) [Library Home Page](#)

論文情報 / Search Criteria [修正して再検索 / Refine or alter criteria](#)

Article: Olivine or Dolomite as In-Bed Additive in Biomass Gasification with Air in a Fluidized Bed: Which Is Better?
 Author: Corella, Jose
 Journal: Energy & fuels
 ISSN: 0887-0624 Date: 2004
 Volume: 18 Issue: 3 Page: 713
 DOI: 10.1021/ef0340918

Full Text via Online

- Article: link to full-text
- Journal: link to e-journal homepage
- Resource: link to database homepage

電子ジャーナルへのリンク/ Full Text via Online

Coverage Range: 1996 - present

Links to content: [Article](#) [Journal](#) [Resource](#) [American Chemical Society Web Editions](#)

Try doi.org for full-text [Article](#) 10.1021/ef0340918

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Article

Olivine or Dolomite as In-Bed Additive in Biomass Gasification with Air in a Fluidized Bed: Which is Better?

Jose Corella,*, Jose M. Toledo, and Rita Padilla
 Department of Chemical Engineering, University Complutense of Madrid (UCM), 28040 Madrid, Spain

Energy Fuels, 2004, 18 (3), pp 713-720
 DOI: 10.1021/ef0340918
 Publication Date (Web): April 9, 2004
 Copyright © 2004 American Chemical Society

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[Advanced Information]

Cited Reference Search

See p.3 of "Web of Science Quick Reference Card"

Example To find articles, cite the following article.

Shechtman D, Metallic phase with long-range orientational order and no translational symmetry. *Phys. rev. lett.* 1984; 53(20):1951-1953.

- Click Cited Reference Search.
- Enter the author name, journal title and published year.
- Click Search button.
- Select the article, click Finish Search button.
- The search results are displayed.

Web of Science®
Cited Reference Search (Find the articles that cite a person's work)
Step 1: Enter information about the cited work. Fields are combined with the Boolean AND operator.
 * Note: Entering the title, volume, issue, or page in combination with other fields may reduce the number of cited ref

shechtman d* in Cited Author
 Example: O'Brian C* OR OBrian C*
 phys* rev* lett* in Cited Work
 Example: J Comp* Appl* Math* (journal abbreviation list)
 1984 in Cited Year(s)
 Example: 1943 or 1943-1945

Add Another Field >>

Search Clear Searches must be in English

Cited Reference Search (Find the articles that cite a person's work) [View our Cited Reference Search tutorial.](#)

Step 2: Select cited references and click "Finish Search."
 Hint: Look for [cited reference variants](#) (sometimes different pages of the same article are cited or papers are cited incorrectly).

CITED REFERENCE INDEX
 References: 1 - 29 of 29

Page 1 of 1 Go

Select Page Select All* Clear All **Finish Search**

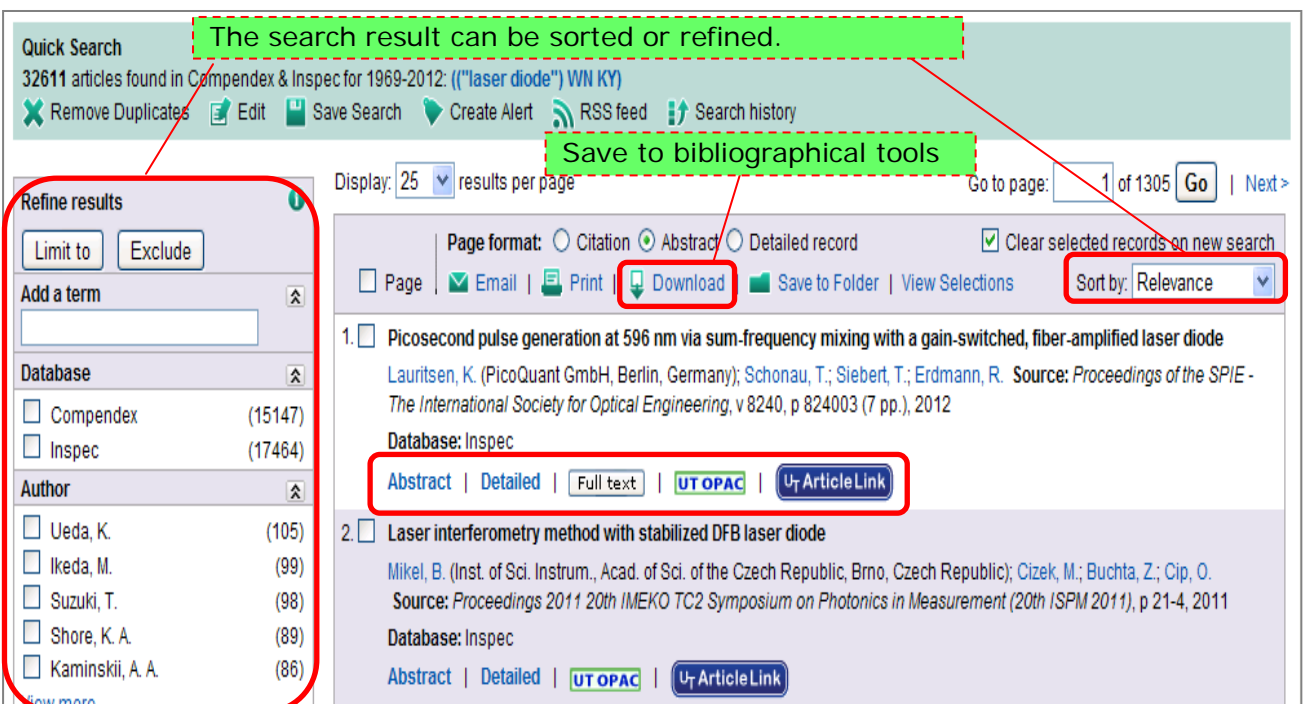
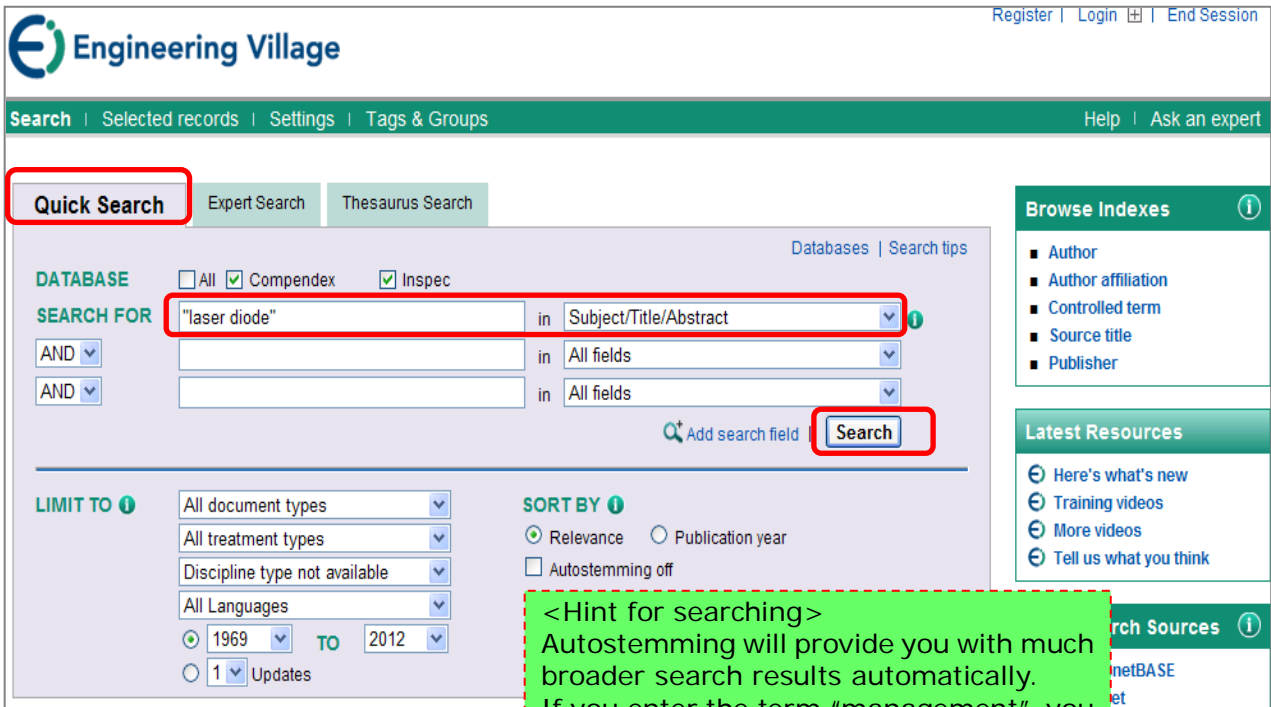
Select	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Issue	Page	Identifier	Citing Articles **	View Record
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	259		53		2	
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	62		1952		1	
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	54		1951		1	
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	53		999		1	
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	53		1907		20	
<input checked="" type="checkbox"/>	SHECHTMAN D	PHYS REV LETT	1984	53		1931		11	
<input checked="" type="checkbox"/>	SHECHTMAN, D [Show all authors]	PHYS REV LETT	1984	53	20	1951	10.1103/PhysRevLett.53.1951	3309	View Record in Web of Science View Record in Derwent Innovations Index

【 2 】 Searching for articles on a subject Engineering Village

Example 3 Let's search for articles on **laser diode**.

Engineering Village <http://www.engineeringvillage2.org/> [on-campus]
<https://gateway.itc.u-tokyo.ac.jp/> [off-campus] *ECCS account necessary

Select "Subject/Title/Abstract" field and enter "laser diode" in "Quick Search".
 Click the Search button.
 The search results are displayed.



Thesaurus Search

The thesauri are guides to the controlled vocabulary used in indexing articles. Indexers choose terms from the controlled vocabulary to describe the article they are indexing. The controlled vocabulary is used to standardize the way the articles are indexed. The thesauri are hierarchical in nature. Terms are organized by broader, narrower or related concepts.

Enter **laser diode** in "Thesaurus" and click the Submit button.

Click "Laser diodes" from listed terms.

Checking the Select box posts the associated term in the Search Box. Then you can search by the controlled term, "Semiconductor lasers". Click the Search button.

The search results are displayed.

Quick Search | Expert Search | **Thesaurus Search**

DATABASE Compendex Inspec

SEARCH FOR

Search Exact Term Browse

Submit

SEARCH
0 matching terms found for: **laser diode**

Your search did not find any match for "laser diode".
To go to the thesaurus record, click on that term.
To rerun your search, select the radio button of the best match and click Submit.

- Laser beams
- Laser damage
- Laser diagnostics
- Laser diodes**
- Laser disks

EXACT TERM
laser diode >> **Laser diodes**

Laser diodes

Use: Semiconductor lasers

SEARCH BOX

REMOVE SELECTED TERMS

LIMIT TO

- All document types
- All treatment types
- All languages
- 1969 TO 2012
- 1 Updates

COMBINE SEARCH WITH

AND OR

SORT BY

Relevance Publication year

Search **Reset**

Click the term to view broader, narrower or related terms.

Thesaurus Search
42885 articles found in Compendex for 1969-2012: (((Semiconductor lasers)) WN CV)

Display: 25 results per page

Go to page: 1 of 1716

Refine results

Limit to Exclude

Add a term

Author

- Shore, K. A. (170)
- Blumberg, D. (163)
- White, I. H. (161)
- Coldren, L. A. (147)

1. **Laser diode for remote sensing of methane**
Vasilev, M.G. (Kurnakov Institute of General and Inorganic Chemistry, Russian Academy of Sciences, Leninski pr. 31, Moscow, 119991, Russia); Vasilev, A.M.; Izotov, A.D.; Shelyakin, A.A. Source: Inorganic Materials, v 48, n 3, p 252-257, March 2012
Database: Compendex
Abstract | Detailed | Full text | [NT.OPAC](#) | [ArticleLink](#)


[2] Searching for articles on a subject CiNii

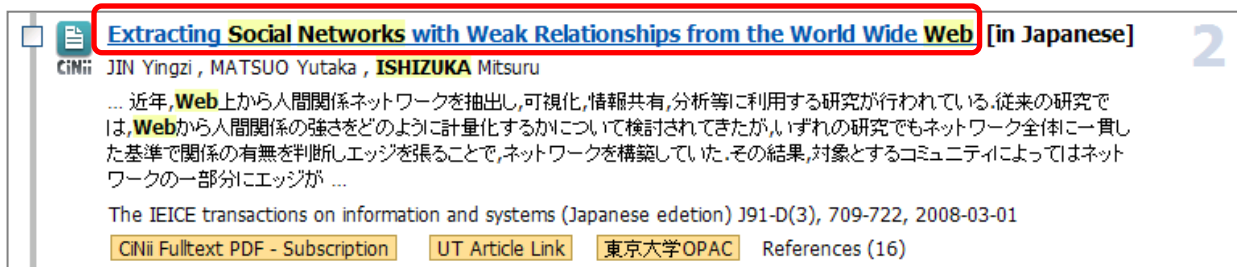
Search for CiNii, when you would like to find academic articles published in Japanese academic society journals or Japanese university research bulletins.

CiNii Articles

http://ci.nii.ac.jp/ [on-campus]
 https://gateway.itc.u-tokyo.ac.jp/ [off-campus] *ECCS account necessary

Enter terms and click the Search button.
 The search results are displayed.
 Click on the title in the search results page.

Click  to view the full text of the article. (Or click UT Article Link button.)



- * To view paid full text, Site License Individual ID is needed. For more information, see Help.
- * If there is no PDF button, click UT Article Link.