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How to search Google Scholar (and Web of Science Core Collection) for articles

Hokkaido University Northern Campus Library
April 2018

How to search Google Scholar (and Web of Science Core Collection) for articles

Google Scholar

- What is Google Scholar?

- Settings and Screen

- Link to Web of Science

- Link to Hokkaido University Library Full text navigator

- Google Scholar Button

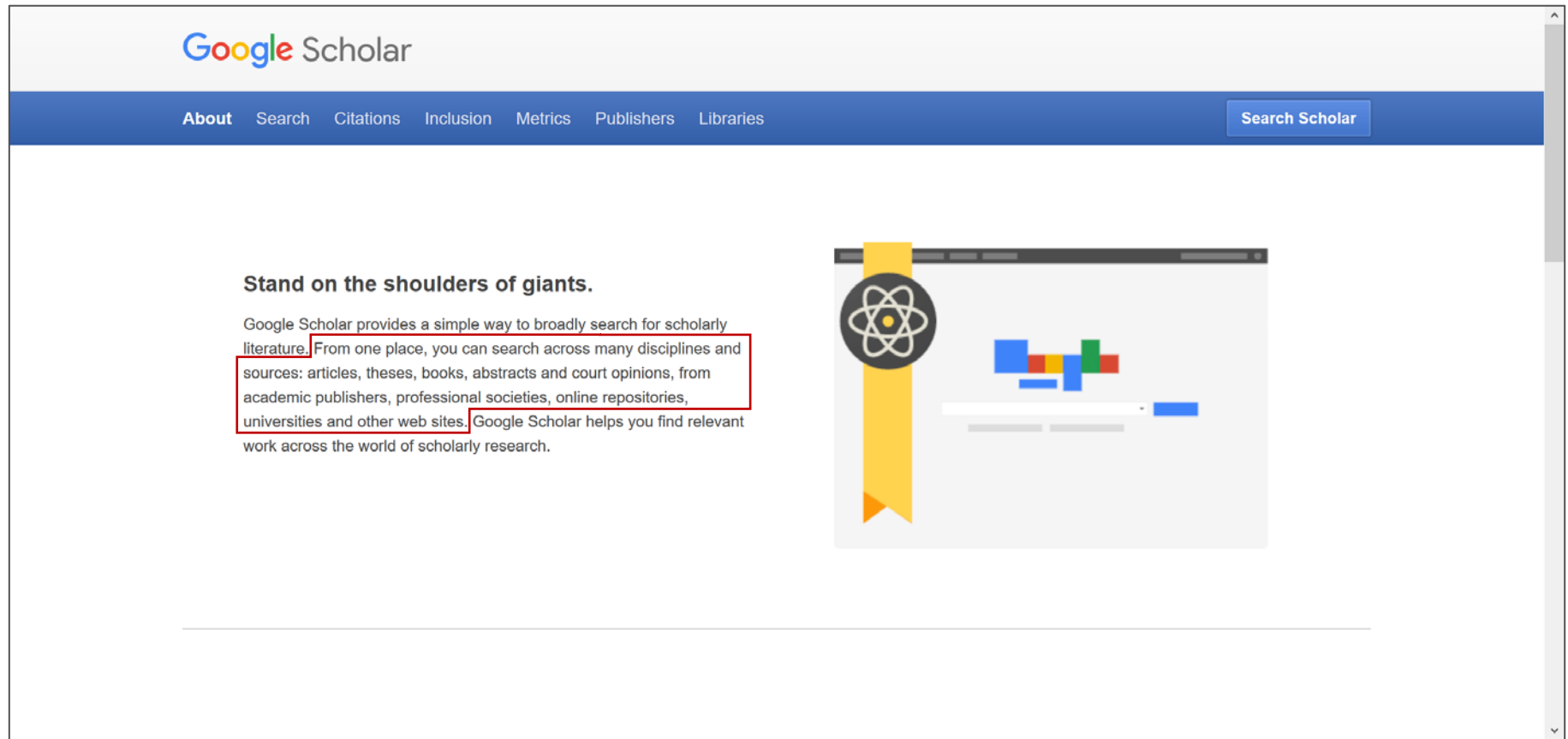
Web of Science Core Collection

* I suppose that you access them on-campus for now.

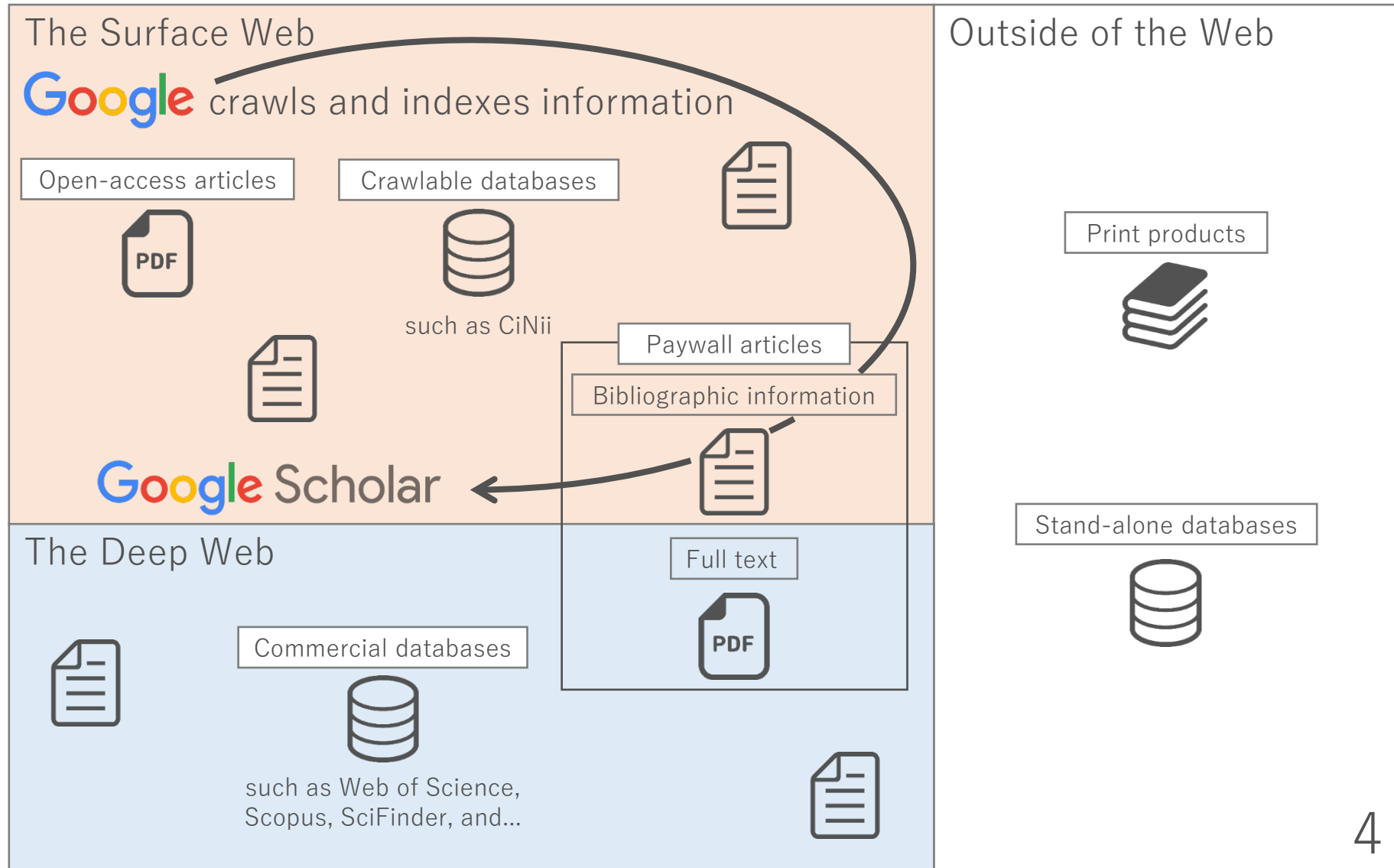
Remote Access Service

What is Google Scholar?

<https://scholar.google.com/intl/en/scholar/about.html>



What is Google Scholar?



What is Google Scholar?

Advantages

Google Scholar seems to cover
a huge number of articles.

Bibliographic information on the surface Web

But **several services work together**
with Google Scholar to enhance its
function.

Hokkaido University Library Full text navigator
Web of Science
Google's account service

Google Scholar makes you **search
quickly** for articles while browsing
the Web.

Google Scholar Button

Disadvantages

But it does **not cover the all**.

Uncrawlable pages
Paywall articles' full text
Commercial databases
Print-only information

Google Scholar is **less functional**
than other commercial databases
in **indexing and cataloging**.

Settings and Screens

<https://scholar.google.com>

The screenshot shows the Google Scholar homepage. In the top left corner, there is a hamburger menu icon. A red arrow points from this icon to a sidebar menu that is open. The sidebar menu contains the following items: 'Google Scholar', 'My profile', 'My library', 'Alerts', 'Metrics', 'Advanced search', and 'Settings'. The 'Settings' item, which has a gear icon, is highlighted with a red rectangular box. In the top right corner of the page, there is a 'SIGN IN' link. Below the Google Scholar logo is a search bar with a magnifying glass icon on the right. Under the search bar are two radio buttons: 'Articles' (selected) and 'Case law'. Below these is the text 'Stand on the shoulders of giants'. At the bottom of the page, there is a footer bar with links for 'Help', 'Privacy', and 'Terms'. The 'Help' link is circled with a red circle. At the bottom left of the page, the URL https://scholar.google.com/scholar_settings?sciifh=1&hl=e is visible.

Setting 1 : Search results

<https://scholar.google.com>

The image shows a screenshot of the Google Scholar website. At the top, there is a navigation bar with a hamburger menu icon, "My profile", and "My library". A red arrow points from the hamburger menu icon to a dropdown menu. This menu contains links to "My profile", "My library", "Alerts", "Metrics", "Advanced search", and "Settings". The "Settings" option is highlighted with a red box. Another red arrow points from this box to the "Settings" page. The "Settings" page has a sidebar with links: "Search results" (highlighted with a red arrow), "Languages", "Library links", "Account", and "Button". The main content area of the "Settings" page includes sections for "Collections" (with radio buttons for "Search articles" and "Search case law"), "Results per page" (with a dropdown set to "10"), "Where results open" (with a checkbox for "Open each selected result in a new browser window"), and "Bibliography manager" (with radio buttons for "Don't show any citation import links" and "Show links to import citations into BibTeX").

Google Scholar

My profile My library

SIGN IN

Google Scholar

My library

My profile

My library

Alerts

Metrics

Advanced search

Settings

Settings

Search results

Languages

Library links

Account

Button

Collections

☒ Search articles (☒ include patents).

☐ Search case law.

Results per page

10 Google's default (10 results) provides the fastest results.

Where results open

☐ Open each selected result in a new browser window

Bibliography manager

☒ Don't show any citation import links.

☐ Show links to import citations into BibTeX.

https://scholar.google.com/scholar_settings?sciifh=1&hl=e

Setting 2 : Languages

<https://scholar.google.com>

The screenshot shows the Google Scholar interface. A red arrow points from the top-left menu icon to the 'Settings' option in the left sidebar. Another red arrow points from the 'Languages' link in the 'Search results' section to the language selection options. A third red arrow points from a text box to the 'For search results' section.

Google Scholar

My profile My library

SIGN IN

Google Scholar

My profile
My library
Alerts
Metrics
Advanced search
Settings

Settings

Search results
Languages
Library links
Account
Button

For Google text

Display Google tips and messages in:

English

For search results

☒ Search for pages written in any language
☐ Search only for pages written in these language(s):

☐ Chinese (Simplified)	☐ German	☐ Portuguese
☐ Chinese (Traditional)	☐ Italian	☐ Spanish
☐ Dutch	☐ Japanese	☐ Turkish
☐ English	☐ Korean	
☐ French	☐ Polish	

Save Cancel

To retain settings, you must turn on cookies

choose languages whose pages Google Scholar searches

In Japanese version, Google Scholar searches only pages written in Japanese and English by default.

Setting 3 : Library Links

<https://scholar.google.com>

My profile My library SIGN IN

Google Scholar

Google Scholar My library

- My profile
- My library
- Alerts
- Metrics
- Advanced search
- Settings**

Settings

- Search results
- Languages
- Library links**
- Account
- Button

Show library access links for (choose up to five libraries):

e.g., *Harvard*

- ☒ Webcat Plus Catalog, Japan - Search Webcat Plus
- ☒ Hokkaido University Library - Full-Text @ 北海道大学

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

Save Cancel

To retain settings, you must turn on [cookies](#)

https://scholar.google.com/scholar_settings?sciifh=1&hl=e

I highly recommend to choose "Hokkaido University Library - Full-Text @ 北海道大学" I will explain this advantage later!

Setting 4 : Account

<https://scholar.google.com>

The image shows a screenshot of the Google Scholar website with annotations. On the left, a sidebar menu is visible with a red box around the 'Settings' option (gear icon). A red arrow points from this box to the 'Settings' section of the main page. The main page has a header with 'Google Scholar' and a 'SIGN IN' button. Below the header, the 'Settings' section is active, showing a list of settings: Search results, Languages, Library links, Account (highlighted in red), and Button. A red arrow points from the 'Account' setting to the 'Sign in' link in the 'Account' section. Another red arrow points from the 'Button' setting to a text box at the bottom right. A third red arrow points from the 'Sign in' link to a text box at the top right. The URL at the bottom is https://scholar.google.com/scholar_settings?sciifh=1&hl=e.

My profile My library

SIGN IN

Google Scholar

My profile
My library
Alerts
Metrics
Advanced search
Settings

Google Scholar

Settings

Search results
Languages
Library links
Account
Button

Account

You're not signed in to your Google account.

Sign in

Delete or recover your Scholar account

Save Cancel

To retain settings, you must turn on cookies

If you sign in, you can save the results in My library and read them later.

I will explain "Button" later.

https://scholar.google.com/scholar_settings?sciifh=1&hl=e

Search screen

<https://scholar.google.com>

The image shows the Google Scholar search interface. At the top, there is a navigation bar with a menu icon, 'My profile', and 'My library'. The Google Scholar logo is prominently displayed in the center. Below the logo is a search bar containing the text 'catalysis', with a magnifying glass icon to its right. Below the search bar are radio buttons for 'Articles' (selected) and 'Case law'. The main heading 'Stand on the shoulders of giants' is visible. On the left side, a sidebar menu is shown, with the 'Advanced search' option highlighted by a red box. A red arrow points from the text 'If needed' to this box. Another red arrow points from the search bar to the search results. The search results are displayed in a list format, showing the title, author, year, and publisher for each entry. The first result is 'Hydrotreating catalysis' by H Topsøe, BS Clausen, and FE Massoth, published in 1996 by Springer. The second result is '[BOOK] Homogeneous catalysis: the applications and chemistry of catalysis by soluble transition metal complexes' by GW Parshall and SD Ittel, published in 1980 by hiipub.info. The third result is 'Binaphthyls as chiral elements for asymmetric synthesis' by R Noyori, published in 1996 by Wiley Online Library. The page number '11' is visible in the bottom right corner.

If needed

Google Scholar

My profile My library

My profile My library Alerts Metrics Advanced search Settings

catalysis

Articles Case law

Stand on the shoulders of giants

Google Scholar catalysis

Articles About 1,810,000 results (0.05 sec)

Any time Since 2018 Since 2017 Since 2014 Custom range...

Sort by relevance Sort by date

☒ include patents ☒ include citations

☒ Create alert

Hydrotreating catalysis
H Topsøe, BS Clausen, FE Massoth - **Catalysis**, 1996 - Springer
Abstract Hydrotreating or hydroprocessing refers to a variety of catalytic hydrogenation processes which saturate unsaturated hydrocarbons and remove S, N, O and metals from different petroleum streams in a refinery. These processes represent some of the most ...
☆ 99 Cited by 1794 Related articles All 2 versions »

[BOOK] Homogeneous catalysis: the applications and chemistry of catalysis by soluble transition metal complexes
GW Parshall, SD Ittel - 1980 - hiipub.info
Buy Homogeneous **Catalysis** 2e: The Applications and Chemistry of **Catalysis** by Soluble Transition Metal Complexes by Parshall, Ittel (ISBN: 9780471538295). Homogeneous **catalysis**:-Caltech In the present paper some general aspects of metal complex **catalysis** and ...
☆ 99 Cited by 2387 Related articles All 4 versions »

Binaphthyls as chiral elements for asymmetric synthesis
R Noyori - ChemInform, 1996 - Wiley Online Library
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11

Search result screen

<https://scholar.google.com>

The screenshot shows the Google Scholar interface with the search term 'catalysis'. The search results are listed on the right, and the left sidebar contains filters and sorting options. Red boxes and arrows highlight specific features: a box on the left sidebar contains filters for publication time, sorting order, and inclusion of patents/citations, with an arrow pointing to the 'Create alert' checkbox; a box on the right lists the components of each search result (Title, Author, Publication, Year, Source, Abstract, Links); and a box on the left lists the search criteria for narrowing down results.

Google Scholar

catalysis

Articles

About 1,810,000 results (0.05 sec)

My profile My library

Any time

Since 2018

Since 2017

Since 2014

Custom range...

Sort by relevance

Sort by date

☒ include patents

☒ include citations

☐ Create alert

Hydrotreating catalysis

H Topsøe, BS Clausen, FE Massoth - **Catalysis**, 1996 - Springer

Abstract Hydrotreating or hydroprocessing refers to a variety of catalytic hydrogenation processes which saturate unsaturated hydrocarbons and remove S, N, O and metals from different petroleum streams in a refinery. These processes represent some of the most ...

☆ Cited by 1794 Related articles All 2 versions

[BOOK] Homogeneous catalysis: the applications and chemistry of catalysis by soluble transition metal complexes

GW Parshall, SD Ittel - 1980 - hipecub.info

Buy Homogeneous **Catalysis** 2e: The Applications and Chemistry of **Catalysis** by Soluble Transition Metal Complexes by Parshall, Ittel (ISBN: 9780471538295). Homogeneous **catalysis**: -Caltech In the present paper some general aspects of metal complex **catalysis** and ...

☆ Cited by 2387 Related articles All 4 versions

Binaphthyls as chiral elements for asymmetric synthesis

R Noyori - ChemInform, 1996 - Wiley Online Library

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☆ Cited by 3620 Related articles All 4 versions

Room-temperature ionic liquids. Solvents for synthesis and catalysis

T Welton - Chemical reviews, 1999 - ACS Publications

Chemistry is dominated by the study of species in solution. Although any liquid may be used as a solvent, relatively few are in general use. However, as the introduction of cleaner technologies has become a major concern throughout both industry and academia, the ...

☆ Cited by 12557 Related articles All 10 versions Web of Science: 9684

The results are listed.

Each result is displayed:

Title

Author – Publication, Year – Source

Abstract

Links

[PDF] acs.org

Full-Text @ 北海道大学

- narrow down the results by the publication year
- change the sorting order
- include or exclude patents and citations
- receive an email when the articles that match the search criteria are published

Links below each result

<https://scholar.google.com>

The screenshot shows a Google Scholar search result for 'catalysis'. The first result is 'Hydrotreating catalysis' by H Topsøe, BS Clausen, FE Massoth, published in 1996 by Springer. The result is annotated with several callouts explaining the functions of the icons and links below the title:

- ☆ (Star icon):** save this result in My library
* need to sign in with a Google account
- 🔗 (Link icon):** export the citation of this article
- 📄 (Cited by icon):** display the articles which cite this article in Google Scholar
- 🔗 (Link icon):** display the articles which relate with this article in Google Scholar
- 📄 (All 10 versions icon):** display other versions of this article, i.e. other source's version, author's version (manuscript), and so on

At the bottom of the page, a row of icons and links is highlighted with a red box:

- ☆ (Star icon)
- 🔗 (Link icon)
- Cited by 12557
- Related articles
- All 10 versions
- Web of Science: 9684

Link to Web of Science

<https://scholar.google.com>

Google Scholar search results for 'catalysis'. The page shows 'About 1,810,000 results (0.05 sec)'. The first result is 'Hydrotreating catalysis' by H Topsøe, BS Clausen, FE Massoth, et al. It is cited by 1794. The second result is '[book] Homogeneous catalysis: the catalysis by soluble transition metal complexes' by GW Parshall, SD Ittel, et al. It is cited by 2387. The third result is 'Binaphthyls as chiral elements for asymmetric catalysis' by R Noyori, et al. It is cited by 3620. At the bottom, a red box highlights the citation information: '☆ Cited by 12557 Related articles All 10 versions Web of Science: 9684'.

Web of Science search results for 'catalysis'. The page shows 'Citing Articles: 9,289 (from Web of Science Core Collection)'. The first result is 'Ternary liquid-liquid equilibria for systems containing (dimethyl carbonate or methyl acetate plus methanol+1-methylimidazole hydrogen sulfate) at 298.15 K and 318.15 K' by Wena, Guilin; Geng, Xueli; Bai, Wenting; et al. It is cited by 12557. The second result is 'Influence of the alkyl chain length on densities and volumetric properties of 1,3-dialkylimidazolium bromide ionic liquids and their aqueous solutions' by Zec, Nebojsa; Vranes, Milan; Bester-Rogac, Marija; et al. It is cited by 7278. The third result is 'Oxidized template-synthesized mesoporous carbon with pH-dependent adsorption activity promising adsorbent for removal of hydrophilic ionic liquid' by Zec, Nebojsa; Vranes, Milan; Bester-Rogac, Marija; et al. It is cited by 12557. At the bottom, a red box highlights the citation information: '☆ Cited by 12557 Related articles All 10 versions Web of Science: 9684'.

display the articles which cite this article in Web of Science Core Collection

Hokkaido University does not subscribe the whole of the collection.
So only 9289 articles are displayed in Web of Science.

Link to Hokkaido University Library Full text navigator Resources @ 北海道大学

<https://scholar.google.com>

The screenshot shows Google Scholar search results for the term "catalysis". The left sidebar contains filters for "Articles" (About 1,810,000 results), time range (Any time, Since 2018, Since 2017, Since 2014, Custom range...), sorting (Sort by relevance, Sort by date), and checkboxes for "include patents", "include citations", and "Create alert".

Three search results are visible:

- Hydrotreating catalysis**
H Topsøe, BS Clausen, FE Massoth - *Catalysis Today*, 1996 - Elsevier
Abstract Hydrotreating or hydroprocess processes which saturate unsaturated hydrocarbons in different petroleum streams in a refinery
☆ Cited by 1794 Related articles
- [BOOK] Homogeneous catalysis: the applications and chemistry of catalysis by soluble transition metal complexes**
GW Parshall, SD Ittel - 1980 - hiipub.info
Buy Homogeneous **Catalysis** 2e: The Applications and Chemistry of **Catalysis** by Soluble Transition Metal Complexes by Parshall, Ittel (ISBN: 9780471538295). Homogeneous **catalysis**:-Caltech In the present paper some general aspects of metal complex **catalysis** and ...
☆ Cited by 2387 Related articles All 4 versions
- Binaphthyls as chiral elements for asymmetric synthesis**
R Noyori - *ChemInform*, 1996 - Wiley Online Library
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☆ Cited by 3620 Related articles All 4 versions

Annotations on the screenshot:

- A red box highlights the "Resources @ 北海道大学" link in the bottom right of the Binaphthyls result.
- A red box highlights the "Cited by 3620" link in the Binaphthyls result.
- A red box highlights the "Full-Text @ 北海道大学" link in the bottom right of the Room-temperature ionic liquids result.
- A red arrow points from the "Resources @ 北海道大学" link to the "Full-Text @ 北海道大学" link.

If you do not find "Full-Text @ 北海道大学"
you may not access the full text immediately.

click the right edge of the links' line, and you find "Resources @ 北海道大学"

- *"Resources @ 北海道大学" is not displayed,
- when "Full-Text @ 北海道大学" is already displayed
 - when the result's title is started from [BOOK] or [CITATION]

Link to Hokkaido University Library Full text navigator Resources @ 北海道大学

北海道大学附属図書館 Hokkaido University Library フルテキストナビゲーター Full text navigator

電子ジャーナル・電子ブック TOP E-Journals - E-Books TOP ヘルプ HELP 附属図書館ホームページ Library Home Page

English

Search criteria:

Article: ChemInform Abstract: Binaphthyls as Chiral Elements for Asymmetric Synthesis
Author: NOYORI, R.
Journal: ChemInform
ISSN: 0931-7597 Date: 1996/12
Volume: 27 Issue: 50 Page: no - no
DOI: 10.1002/chin.199650299
Citation: Email or Export/Save

Refine or alter criteria

switch language

Sorry, no holdings were found for this e-Resource.

Please see additional options below for finding full-text.

Step2. 北大に図書・雑誌があるかどうかを確認する
Confirm whether or not Hokkaido Univ. Library owns the print version

図書や雑誌のタイトルで検索 Find by Journal Title/Book Title ISSN/ISBNで検索 Find by ISSN or ISBN

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OAJster 論文名で探す Find by Article Title 一冊目の著者で探す Find by 1st Author
Google Scholar 論文名で探す Find by Article Title 一冊目の著者で探す Find by 1st Author
Google 論文名で探す Find by Article Title 一冊目の著者で探す Find by 1st Author

インパクトファクターを確認する Check the Impact Factor 図書や雑誌のタイトルで検索 Find by Journal Title/Book Title

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Search Hokkaido University E-Resources List
Title begins with Search Clear

[book] Homogeneous **catalysis**: the applications and chemistry of **catalysis** by soluble transition metal complexes

GW Parshall, SD Ittel - 1980 - hiipub.info

Buy Homogeneous **Catalysis** 2e: The Applications and Chemistry of **Catalysis** by Soluble Transition Metal Complexes by Parshall, Ittel (ISBN: 9780471538295). Homogeneous **catalysis**: Caltech In the present paper some general aspects of metal complex **catalysis** and ...

☆ 99 Cited by 2387 Related articles All 4 versions

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R Noyori - ChemInform, 1996 - Wiley Online Library

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☆ 99 Cited by 3620 Related articles All 4 versions Resources @ 北海道大学

Room-temperature ionic liquids. Solvents for synthesis and **catalysis**

T Welton - Chemical reviews, 1999 - ACS Publications

Chemistry is dominated by the study of species in solution. Although any liquid may be used as a solvent, relatively few are in general use. However, as the introduction of cleaner technologies has become a major concern throughout both industry and academia, the ...

☆ 99 Cited by 12557 Related articles All 10 versions Web of Science: 9684

"Resources @ 北海道大学" offers you some option for finding the full text

- search for the print version in Hokkaido University and other universities
- search other websites
- request a photocopy via interlibrary loan (a fee-based service)

You can try them with a few clicks (without typing the bibliographic information).

Google Scholar Button

<https://scholar.google.com>

If you install “Google Scholar Button” on your browser, you can search quickly for articles while browsing the Web.

The image shows a composite of two screenshots from the Google Scholar website. The top screenshot is the main homepage, featuring the Google Scholar logo, a search bar, and navigation links for 'My profile' and 'My library'. A red arrow points from the top-left menu icon to a detailed view of the sidebar menu in the bottom-left screenshot. In this sidebar, the 'Settings' option is highlighted with a red box. A second red arrow points from this 'Settings' box to the 'Settings' page shown in the bottom-right screenshot. This settings page includes a list of options on the left: 'Search results', 'Languages', 'Library links', 'Account', and 'Button'. The 'Button' option is highlighted with a red box. A red arrow points from this 'Button' option to a preview of the 'Scholar Button for your browser' in the bottom-right screenshot. This preview shows a browser interface with a search bar containing a URL, and buttons for '[PDF]' and 'Cite'. Below the preview, a sample citation is shown: '1. Einstein, A., B. Podolsky, and N. Rosen, 1935, "Can quantum-mechanical description of physical reality be considered complete?", Phys. Rev. 47, 777-780.' At the bottom of the settings page, there is a link that says 'Install Scholar Button to look up papers as you browse.'

Google Scholar

My profile My library

Google Scholar

My profile
My library
Alerts
Metrics
Advanced search
Settings

Stand on the shoulders of giants

Google Scholar

Settings

Search results
Languages
Library links
Account
Button

Scholar Button for your browser

<https://www.example.edu/paper.pdf>

Bibliography [PDF] "Cite"

1. Einstein, A., B. Podolsky, and N. Rosen, 1935, "Can quantum-mechanical description of physical reality be considered complete?", Phys. Rev. 47, 777-780.

Install Scholar Button to look up papers as you browse.

Google Scholar Button

Google Scholar Button installed on the browser

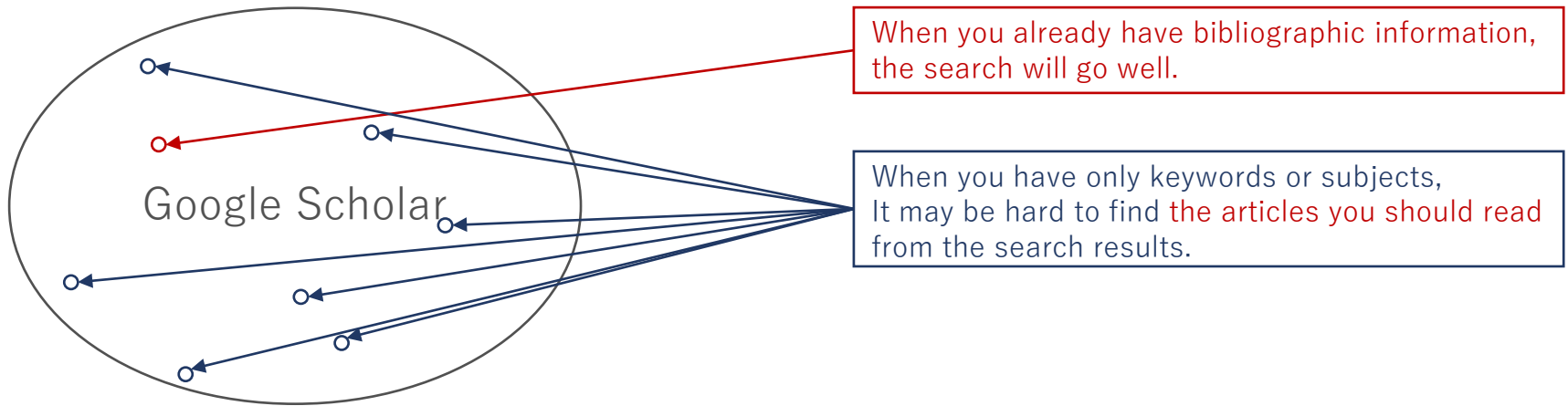
The image consists of two screenshots of a web browser displaying the CRIS (Creative Research Institution) website of Hokkaido University. The browser's address bar shows the URL www.cris.hokudai.ac.jp/cris/en/result/. In the top right corner of the browser window, a Google Scholar button is visible, circled in red. A red arrow points from this button to a text box that reads: "When you select the letters and click Google Scholar Button, Google Scholar starts to search for articles." Below the button, a search bar contains the text "Occurrences, abundances, and compositiona". A second red arrow points from the search bar to a text box that reads: "You can check all the search results." The main content area of the website shows a list of publications. The first publication is highlighted with a red box: "Abe, K., Sakamoto, N., Krot, A. N. & Yurimoto, H. 2017a. Occurrences, abundances, and compositional variations of cosmic symplectites in the Acfer 094 ungrouped carbonaceous chondrite. *Geochimical Journal*, 51, 3-15." The second screenshot shows the search results for this query, with the same publication listed at the top. The page number "19" is visible in the bottom right corner.

When you select the letters and click Google Scholar Button, Google Scholar starts to search for articles.

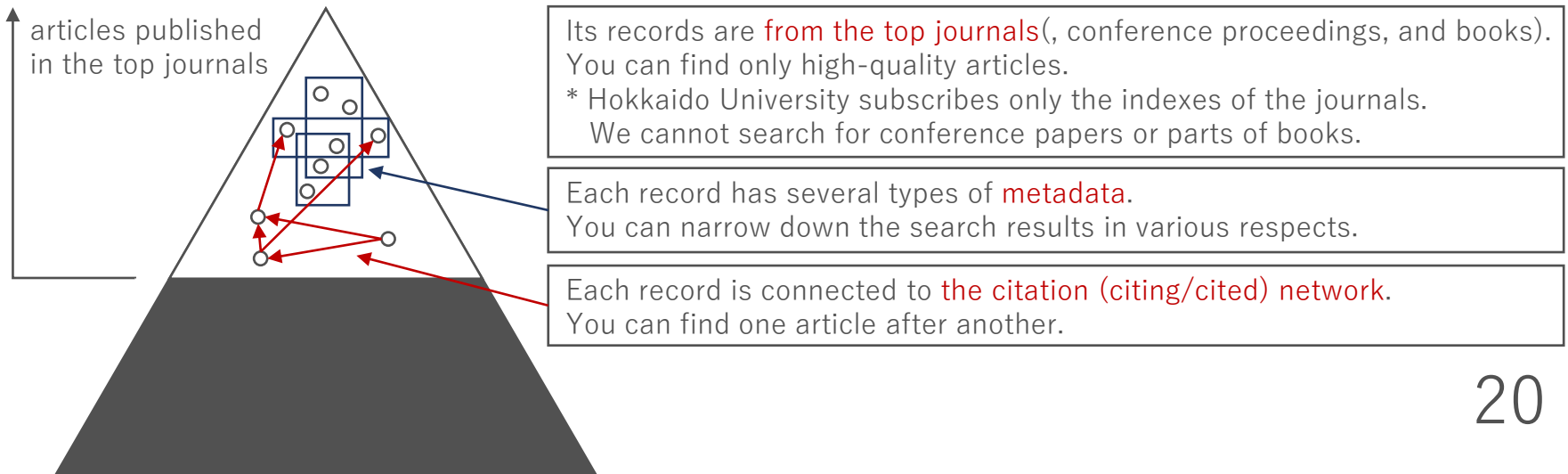
You can check all the search results.

Google Scholar vs. Web of Science Core Collection

Too many to find?



Web of Science Core Collection



How to access Web of Science Core Collection and other useful databases

<https://www.lib.hokudai.ac.jp/en/databases/>

北海道大学 附属図書館
HOKKAIDO UNIVERSITY LIBRARY

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Search Service Guide Library Web Services Learning/Teaching Research About Library

Library Catalog
Remote Access Service
E-Journals
E-books
Databases
HUSCAP
Northern Studies Collection
Hokkaido University Theses Catalog
Special Collections
International Organization Collections
National Diet Library Digital Collections

English HOME > Databases

[Popular Databases](#) / [Law/Cases](#) / [Newspapers](#) / [Encyclopedias/Dictionary/Handbooks](#) / [Dissertations](#) / [Humanities](#) / [Social Sciences](#) / [Life Sciences](#) / [Medical](#) / [Science and Engineering / Chemistry](#) / [All](#) / [End Note Basic, Mendeley institutional version](#) to research support page)

● Find Databases by Keywords (for words contained within the title or description)

Search

● Popular Databases

- [\[Web of Science Core Collection\]](#) : articles & cited references from major journals worldwide ([More Info](#))
- [\[CiNii\]](#) : article database provided by the National Institute of Informatics ([More Info](#))
- [\[SciFinder Web\]](#) : chemistry and other scientific information from articles and patents ([More Info](#))
- [\[Reaxys\]](#) : chemical compounds, bibliographic data and chemical reactions ([More Info](#))

I recommend that you also check the databases in these categories.

How to use Web of Science Core Collection

Search screen

The screenshot shows the Web of Science search interface. At the top, there is a navigation bar with links to Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, and Publons. The main header displays the Web of Science logo and the Clarivate Analytics logo. Below the header, there is a search bar with the text "Web of Science Core Collection" and a "Learn More" link. The search bar is divided into sections: "Basic Search", "Cited Reference Search", "Advanced Search", and "+ More". The "Basic Search" section is active, showing a search input field with the text "catalysis" and a "Search" button. Below the search input field, there are links for "+ Add Another Field" and "Reset Form". To the right of the search input field, there is a dropdown menu labeled "Topic" and a "Search" button. A red arrow points from the "Topic" dropdown menu to a text box that says "search by not only Topic but also Title, Author, Language, Document Type, Finding Agency and so on". Another red arrow points from the "+ Add Another Field" link to a text box that says "multiply these search criteria". Below the search input field, there is a "TIMESPAN" section with radio buttons for "All years" and "From 1900 to 2018". At the bottom of the page, there are links for "Customer Feedback & Support", "Additional Resources", "What's New in Web of Science?", and "Customize your Experience".

Web of Science

Search

Select a database Web of Science Core Collection

Basic Search Cited Reference Search Advanced Search + More

catalysis

Topic

Search

+ Add Another Field | Reset Form

search by not only Topic but also Title, Author, Language, Document Type, Finding Agency and so on

multiply these search criteria

TIMESPAN

All years

From 1900 to 2018

MORE SETTINGS

Customer Feedback & Support Additional Resources What's New in Web of Science? Customize your Experience

How to use Web of Science Core Collection

Search result screen

The screenshot displays the Web of Science search results interface. The top navigation bar includes links to Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, and Publons. The main header shows 'Web of Science' and 'Clarivate Analytics'. The search bar indicates 'Results: 187,342 (from Web of Science Core Collection)' and 'You searched for: TOPIC: (catalysis) ...More'. The 'Sort by' dropdown is set to 'Date', with other options being 'Times Cited', 'Usage Count', and 'Relevance'. A red box highlights the 'Sort by' dropdown, with an annotation 'change the sorting order' pointing to it. The 'Refine Results' section on the left allows filtering by 'Highly Cited in Field (2,893)', 'Hot Papers in Field (79)', and 'Open Access (26,897)'. A red box highlights the 'Filter results by:' section, with an annotation 'find the top papers' pointing to it. The main results list shows four entries, each with a 'View Abstract' button. A red box highlights the 'View Abstract' buttons, with an annotation 'View abstracts in one screen' pointing to them. The first entry is 'Electronic properties of beta-TaON and its surfaces for solar water splitting' by Ullah, Habib; Tahir, Asif A.; Bibi, Salma; et al. The second entry is 'Photocatalytic hydrogen peroxide production by anthraquinone-augmented polymeric carbon nitride' by Kim, Hyoung-il; Choi, Yeoseon; Hu, Shu; et al. The third entry is 'Synthesis of Metal-Organic Framework from Iron Nitrate and 2,6-Naphthalenedicarboxylic acid' by Ghaleb A. Alkhateeb, Ghaleb A. Alkhateeb. The fourth entry is 'Covalent organic framework as efficient desorption/ionization matrix for direct detection of'.

Web of Science

Search

Results: 187,342
(from Web of Science Core Collection)

You searched for: TOPIC:
(catalysis) ...More

Create Alert

Refine Results

Search within results for...

Filter results by:

- ☐ Highly Cited in Field (2,893)
- ☐ Hot Papers in Field (79)
- ☐ Open Access (26,897)

Refine

Publication Years

- ☐ 2017 (13,806)
- ☐ 2016 (12,629)
- ☐ 2015 (11,817)
- ☐ 2014 (11,294)

Sort by: Date Times Cited Usage Count Relevance

change the sorting order

Select Page 5K Save to EndNote online Add to Marked List Citation Report feature not available. [?]

Analyze Results

1. Electronic properties of beta-TaON and its surfaces for solar water splitting
By: Ullah, Habib; Tahir, Asif A.; Bibi, Salma; et al.
APPLIED CATALYSIS B-ENVIRONMENTAL Volume: 229 Pages: 24-31 Published: AUG 5 2018
Full Text from Publisher Free Full Text from Publisher View Abstract

2. Photocatalytic hydrogen peroxide production by anthraquinone-augmented polymeric carbon nitride
By: Kim, Hyoung-il; Choi, Yeoseon; Hu, Shu; et al.
APPLIED CATALYSIS B-ENVIRONMENTAL Volume: 229 Pages: 121-129 Published: AUG 5 2018
Full Text from Publisher View Abstract

3. Synthesis of Metal-Organic Framework from Iron Nitrate and 2,6-Naphthalenedicarboxylic acid
By: Ghaleb A. Alkhateeb, Ghaleb A. Alkhateeb
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 18 Issue: 8 Pages: 5266-5273 Published: AUG 2018
Full Text from Publisher View Abstract

4. Covalent organic framework as efficient desorption/ionization matrix for direct detection of

Times Cited: 0
(from Web of Science Core Collection)
Usage Count

Times Cited: 0
(from Web of Science Core Collection)
Usage Count

Times Cited: 0
(from Web of Science Core Collection)
Usage Count

Times Cited: 0
(from Web of Science Core Collection)
Usage Count

find the top papers

View abstracts in one screen

How to use Web of Science Core Collection

Search result screen

The screenshot displays the Web of Science search results interface. On the left, there are three filter panels: 'Web of Science Categories', 'Document Types', and 'Organizations-Enhanced'. Each panel has a 'Refine' button and a link to 'more options / values...'. Red arrows point from text boxes to specific filters in these panels.

- Web of Science Categories:** Includes checkboxes for CHEMISTRY MULTIDISCIPLINARY (52,055), CHEMISTRY PHYSICAL (36,465), CHEMISTRY ORGANIC (35,115), BIOCHEMISTRY MOLECULAR BIOLOGY (24,476), and CHEMISTRY INORGANIC NUCLEAR (15,269).
- Document Types:** Includes checkboxes for ARTICLE (164,571), REVIEW (13,101), PROCEEDINGS PAPER (6,713), MEETING ABSTRACT (4,701), and EDITORIAL MATERIAL (1,888).
- Organizations-Enhanced:** Includes checkboxes for CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS (7,576), CHINESE ACADEMY OF SCIENCES (7,420), UNIVERSITY OF CALIFORNIA SYSTEM (5,005), RUSSIAN ACADEMY OF SCIENCES (3,711), and UNITED STATES DEPARTMENT OF ENERGY DOE (3,376).

Three red text boxes with arrows provide additional guidance:

- filter the results by the research fields** (points to the 'Web of Science Categories' panel)
- filter the results by the document types** (points to the 'Document Types' panel)
- If you just begin to research a new field, I recommend reading REVIEWS.** (points to the 'REVIEW' document type)
- filter the organization which authors belong to** (points to the 'Organizations-Enhanced' panel)

The main results area shows a list of search results. Each result includes a title, authors, journal name, volume, pages, and publication date. For example, result 5 is 'Investigation of interaction modes involved in alkaline phosphatase and organophosphorus pesticides via molecular simulations' by Chu, Yu-Hao; Li, Yuan; Wang, Yu-Tang; et al., published in FOOD CHEMISTRY, Volume 254, Pages 80-86, JUL 15 2018. Each result also has buttons for 'Full Text from Publisher' and 'View Abstract', and a 'Usage Count' section on the right.

How to use Web of Science Core Collection

Detailed information (displayed after clicking a title in the search result screen)

Web of Science

Search Search Results My Tools Search History Marked List

Full Text Navigator Look Up Full Text Full Text from Publisher Save to EndNote online Add to Marked List 2 of 187,342

Room-temperature ionic liquids. Solvents for synthesis and catalysis

CHEMICAL REVIEWS
Volume: 99 Issue: 8 Pages: 2071-2083
DOI: 10.1021/cr980032t
Published: AUG 1999
Document Type: Review
[View Journal Impact](#)

Keywords
KeyWords Plus: CHLOROALUMINATE MOLTEN-SALT; N-BUTYLPYRIDINIUM CHLORIDE; NUCLEAR-MAGNETIC-RESONANCE; COBALT-ALUMINUM ALLOYS; GAS-CHROMATOGRAPHY; ELECTRICAL CONDUCTIVITIES; ELECTROCHEMICAL SYNTHESIS; EQUILIBRIUM-CONSTANTS; CHEMICAL SYNTHESIS; PHASE-TRANSITIONS

Author Information
Present Address: Molten T (corresponding author)
School of Chem & Med, Dept Chem, S Kensington, London SW7 2AY, England.
Addresses:
[1] Univ London Imperial Coll Sci Technol & Med, Dept Chem, London SW7 2AY, England

Publisher
AMER CHEMICAL SOC, 1155 16TH ST NW, WASHINGTON, DC 20036 USA

Citation Network
In Web of Science Core Collection
9,703
Times Cited
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All Times Cited Counts
10,069 in All Databases
[See more counts](#)
145
Cited References
[View Related Records](#)
Most recently cited by:
Wena, Guillin; Geng, Xueli; Bai, Wenting; et al.

Link to Hokkaido University Library Full text navigator

search by a keyword again

find one article after another through the citation network which is the feature and strength of Web of Science Core Collection

How to use Web of Science Core Collection

What articles cite this article? / What articles are cited by this article?

The screenshot displays the Web of Science interface with search results and citation network data. The top navigation bar includes links to Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, and Publons. The main search results area shows a list of articles, with the first article highlighted: "Ternary liquid-liquid equilibria for systems containing (dimethyl carbonate or methyl acetate plus methanol+1-methylimidazole hydrogen sulfate) at 298.15 K and 318.15 K". The article is by Wena, Gullin; Geng, Xueli; Bai, Wenting; et al. and is published in the JOURNAL OF CHEMICAL THERMODYNAMICS, Volume 121, Pages 49-54, Published: JUN 2016. The article has 0 times cited and a usage count of 5K. A red box highlights the text "The articles cite this article" pointing to the "Cited References" section. The "Cited References" section shows a list of articles cited by the selected article, with the first article highlighted: "THE REMOVAL OF OXIDE IMPURITIES FROM ROOM-TEMPERATURE HALOGENOALUMINATE IONIC LIQUIDS". The article is by ABDULSADA, AK; AVENT, AG; PARKINGTON, MJ; et al. and is published in the JOURNAL OF THE CHEMICAL SOCIETY-CHEMICAL COMMUNICATIONS, Issue: 21, Pages: 1643-1644, Published: NOV 1 1987. The article has 20 times cited and a usage count of 5K. A red box highlights the text "The articles were cited by this article" pointing to the "Cited References" section. The "Citation Network" section shows the article is cited 9,703 times in the Web of Science Core Collection. The "All Times Cited Counts" section shows 10,069 in all databases. The "Most recently cited by:" section lists the authors: Wena, Gullin; Geng, Xueli; Bai, Wenting; et al. and the article title: Ternary liquid-liquid equilibria for systems containing (dimethyl carbonate or methyl acetate plus methanol+1-methylimidazole hydrogen sulfate) at 298.15 K and 318.15 K.

Web of Science

Clarivate Analytics

My Tools Search History Marked List

Save to EndNote online Add to Marked List 2 of 187,342

Sort by: Date Times Cited Usage Count More

1. Ternary liquid-liquid equilibria for systems containing (dimethyl carbonate or methyl acetate plus methanol+1-methylimidazole hydrogen sulfate) at 298.15 K and 318.15 K

By: Wena, Gullin; Geng, Xueli; Bai, Wenting; et al.

JOURNAL OF CHEMICAL THERMODYNAMICS Volume: 121 Pages: 49-54 Published: JUN 2016

Full Text PDF Full Text from Publisher View Abstract

2. Influence of the alkyl chain length on densities and volumetric properties of 1,3-dialkylimidazolium bromide ionic liquids and their aqueous solutions

By: Zec, Nebojsa; Vranes, Milan; Bester-Rogac, Marija; et al.

JOURNAL OF CHEMICAL THERMODYNAMICS Volume: 121 Pages: 72-78 Published: JUN 2016

Full Text PDF Full Text from Publisher View Abstract

3. Oxidized template-synthesized mesoporous carbon with pH-dependent adsorption activity: A promising adsorbent for removal of hydrophilic ionic liquid

By: Zhang, Lin; Cao, Wuyang; Alvarez, Pedro J. J.; et al.

Full Text PDF Full Text from Publisher View Abstract

and catalysis

Citation Network

In Web of Science Core Collection

9,703

Times Cited

Create Citation Alert

All Times Cited Counts

10,069 in All Databases

See more counts

145

Cited References

View Related Records

Most recently cited by:

Wena, Gullin; Geng, Xueli; Bai, Wenting; et al.

Ternary liquid-liquid equilibria for systems containing (dimethyl carbonate or methyl acetate plus methanol+1-methylimidazole hydrogen sulfate) at 298.15 K and 318.15 K

Web of Science

Clarivate Analytics

My Tools Search History Marked List

Search Search Results

Cited References: 145

(from Web of Science Core Collection)

From: Room-temperature ionic liquids. Solvents for synthesis and catalysis ...More

1. THE REMOVAL OF OXIDE IMPURITIES FROM ROOM-TEMPERATURE HALOGENOALUMINATE IONIC LIQUIDS

By: ABDULSADA, AK; AVENT, AG; PARKINGTON, MJ; et al.

JOURNAL OF THE CHEMICAL SOCIETY-CHEMICAL COMMUNICATIONS Issue: 21 Pages: 1643-1644 Published: NOV 1 1987

Full Text PDF Full Text from Publisher

2. REMOVAL OF OXIDE CONTAMINATION FROM AMBIENT-TEMPERATURE CHLOROALUMINATE(III) IONIC LIQUIDS

By: ABDULSADA, AK; AVENT, AG; PARKINGTON, MJ; et al.

JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 3283-3286 Published: NOV 21 1993

Full Text PDF Full Text from Publisher View Abstract

3. A FAST-ATOM-BOMBARDMENT MASS-SPECTROMETRIC STUDY OF ROOM-TEMPERATURE 1-ETHYL-3-METHYLIMIDAZOLIUM CHLOROALUMINATE(III) IONIC LIQUIDS - EVIDENCE FOR THE EXISTENCE OF THE DECACHLOROTRIALUMINATE(III) ANION

Full Text PDF Full Text from Publisher View Abstract

26

How to use Web of Science Core Collection

What articles have references common to this article?

Web of Science

Search Search Results My Tools Search History Marked List

Full Text Nav! Look Up Full Text Full Text from Publisher Save to EndNote online Add to Marked List 2 of 187,342

Room-temperatu

The articles have references common to this article

Clarivate Analytics

My Tools Search History Marked List

Sort by: Relevance Date Times Cited Usage Count More Page 1 of 1,086

Select Page 5K Save to EndNote online Add to Marked List Citation Report feature not available. [?] Analyze Results

1. **Properties and applications of chloroaluminate as room temperature ionic liquid**
By: Geetha, S; Trivedi, DC
BULLETIN OF ELECTROCHEMISTRY Volume: 19 Issue: 1 Pages: 37-48 Published: JAN 2003
Full Text Nav! View Abstract

Times Cited: 18
(from Web of Science Core Collection)

Cited References: 116

Shared References: 90

Usage Count

2. **Ionic liquids - New "solutions" for transition metal catalysis**
By: Wasserscheid, P; Keim, W
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 39 Issue: 21 Pages: 3772-3789
Published: 2000
Full Text Nav!

Times Cited: 4,990
(from Web of Science Core Collection)

Cited References: 154

Shared References: 39

Usage Count

Citation Network

In Web of Science Core Collection

9,703
Times Cited

Create Citation Alert

All Times Cited Counts

10,069 in All Databases

See more counts

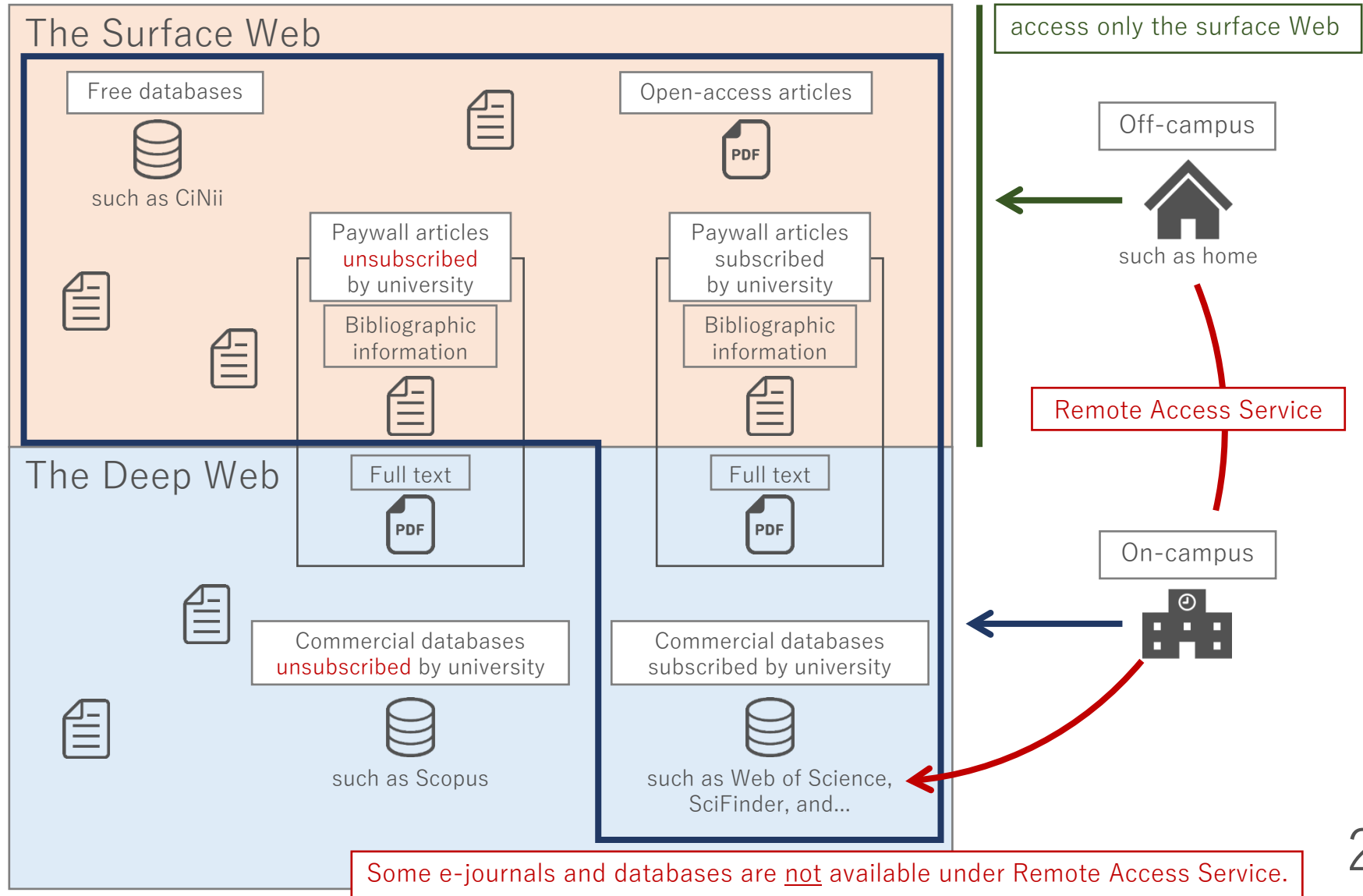
145
Cited References

View Related Records

Most recently cited by:

Wena, Gullin; Geng, Xueli; Bai, Wenting; et al.
Ternary liquid-liquid equilibria for systems containing dimethyl carbonate

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[Contribution \(in japanese\)](#)

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AND
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