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|------------------------|---|
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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

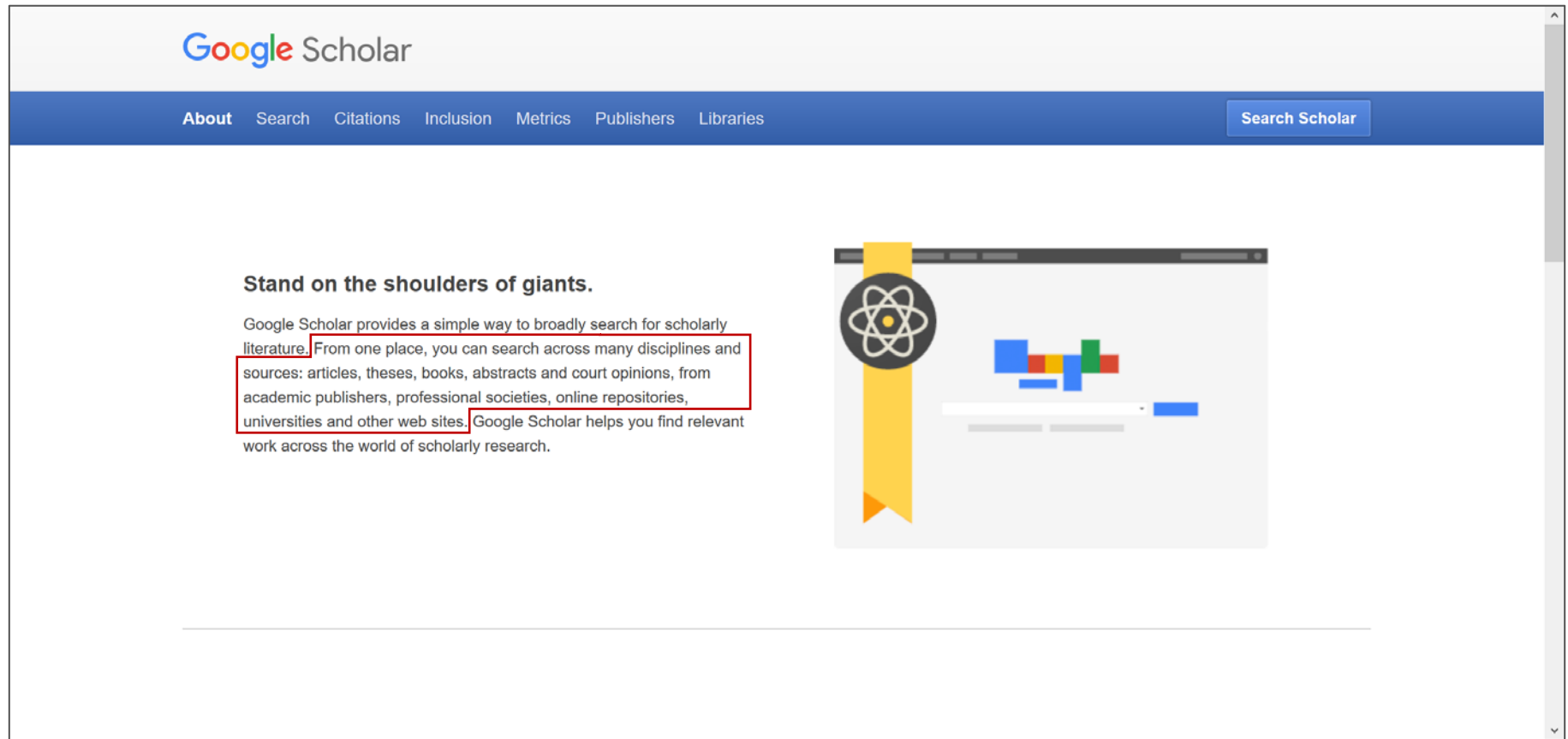
Web of Science Core Collection

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

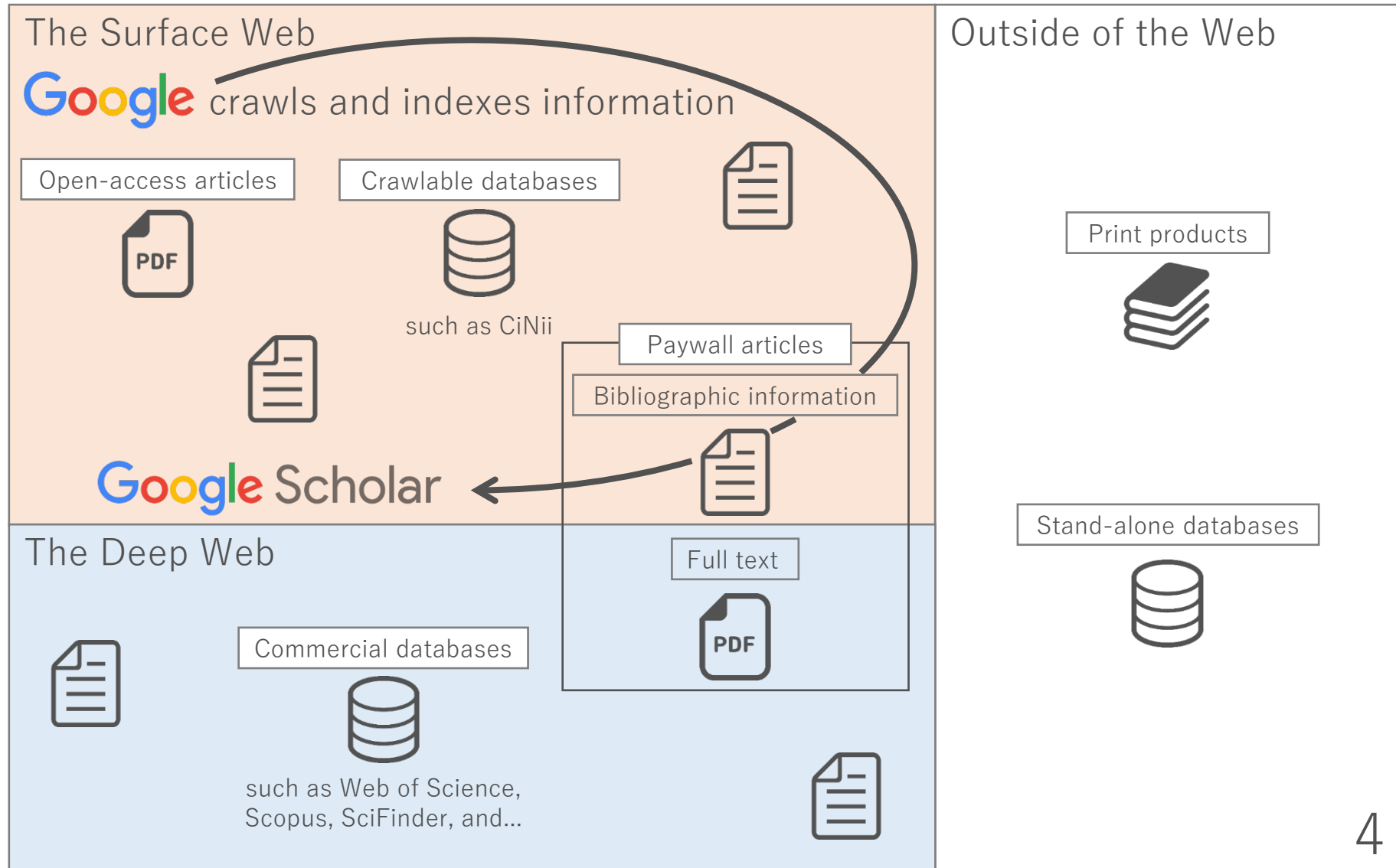
Remote Access Service

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 image 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 very bottom 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 options: "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 options: "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").

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

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 image shows a screenshot of the Google Scholar website with the settings menu open. A red arrow points from the top-left menu icon to the 'Settings' option in the sidebar. Another red arrow points from the 'Settings' option to the 'Languages' link in the 'Search results' section of the settings page. A third red arrow points from a text box to the 'For search results' section. A fourth red arrow points from the same text box to the 'English' dropdown menu under 'For Google text'.

Annotations:

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

Settings Page Content:

- Search results**
 - Languages** (highlighted)
 - Library links
 - Account
 - Button
- For Google text**
 - Display Google tips and messages in:
 - English (dropdown)
- For search results**
 - ☒ Search for pages written in any language
 - ☐ Search only for pages written in these language(s):
 - ☐ Chinese (Simplified)
 - ☐ Chinese (Traditional)
 - ☐ Dutch
 - ☐ English
 - ☐ French
 - ☐ German
 - ☐ Italian
 - ☐ Japanese
 - ☐ Korean
 - ☐ Polish
 - ☐ Portuguese
 - ☐ Spanish
 - ☐ Turkish

Buttons: Save, Cancel

Footer: To retain settings, you must turn on cookies

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. Another red arrow points from the 'Button' setting to a text box at the bottom right. A third red arrow points from the 'My library' link in the top header 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

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 a screenshot of the Google Scholar search screen. At the top, there is a navigation bar with a hamburger menu icon, "My profile", and "My library". A red arrow points from the text "If needed" to the hamburger menu icon. Below the navigation bar is the Google Scholar logo. A search bar contains the text "catalysis" and a blue search button. Below the search bar are radio buttons for "Articles" (selected) and "Case law". The main heading "Stand on the shoulders of giants" is displayed. A red arrow points from the search button to the search results section. The search results section shows "About 1,810,000 results (0.05 sec)". The first result is "Hydrotreating catalysis" by H Topsøe, BS Clausen, 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, 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. On the left side, a sidebar menu is visible with options: "My profile", "My library", "Alerts", "Metrics", "Advanced search" (highlighted with a red box), and "Settings". At the bottom left, there is a small text "javascript:void(0)".

If needed

Google Scholar

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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javascript:void(0)

Search result screen

<https://scholar.google.com>

The screenshot shows the Google Scholar interface with the search term 'catalysis'. The search bar at the top shows 'catalysis' and a magnifying glass icon. Below the search bar, the text 'Articles' is displayed, followed by 'About 1,810,000 results (0.05 sec)'. On the right side, there are links for 'My profile' and 'My library'. On the left side, there is a sidebar with filters and sorting options. The main content area displays three search results. Each result includes the title, author, publication information, and a brief abstract. 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 hipecub.info. The third result is 'Binaphthyls as chiral elements for asymmetric synthesis' by R Noyori, published in 1996 by Wiley Online Library. Below the third result, there is a link to a PDF of 'acs.org' and a full-text link to '北海道大学'.

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

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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 ...

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Binaphthyls as chiral elements for asymmetric synthesis

R Noyori - ChemInform, 1996 - Wiley Online Library

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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 ...

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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 the Google Scholar interface with the search term "catalysis". The top navigation bar includes the Google Scholar logo, a search bar, and links for "My profile" and "My library". The search results list several articles, with the first one being "Hydrotreating catalysis" by H. Topsøe, B.S. Clausen, and F.E. Massoth, published in 1996 by Springer. Below the article title, there are several links: a star icon for "save this result in My library", a document icon for "export the citation of this article", a link to "Cited by 1794", a link to "Related articles", and a link to "All 2 versions". The annotations explain the function of each link: "save this result in My library" (with a note that a Google account sign-in is required), "export the citation of this article", "display the articles which cite this article in Google Scholar", "display the articles which relate with this article in Google Scholar", and "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, there is a row of links for each result: a star icon, a document icon, "Cited by 12557", "Related articles", "All 10 versions", and "Web of Science: 9684". These links are highlighted with a red box and a red arrow pointing to the annotation "Links below each result".

Google Scholar catalysis

save this result in My library
* need to sign in with a Google account

export the citation of this article

display the articles which cite this article in Google Scholar

display the articles which relate with this article in Google Scholar

display other versions of this article,
i.e. other source's version, author's version (manuscript), and so on

☆ 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 7278. 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.

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Chem. Rev. All Publications/Website

Article

Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis

Thomas Welton
Department of Chemistry, Imperial College of Science Technology and Medicine, South Kensington, London SW7 2AZ, U.K.

Chem. Rev., 1999, 99 (8), pp 2071-2084
DOI: 10.1021/cr980003t
Publication Date (Web): July 7, 1999
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Cite this: Chem. Rev. 99, 8, 2071-2084
RIS Citation GO

Tom Welton was born in London in January 1964. He studied Chemistry at the University of Sussex, where he graduated in 1985. He stayed at the University of Sussex to study for his DPhil on "Chemistry and Spectroscopy in Ionic Liquids", with Dr. K. R. Seddon (now Prof. Seddon of The Queen's University of Belfast). After three years as a post-doctoral fellow, he moved to Exeter University as the Demonstrator in Inorganic Chemistry. In 1995, he obtained a fellowship from the Lloyd's of London Tenoratory Foundation which he used at Imperial College, where he now works as a Lecturer in Inorganic Chemistry and is a member of the Catalysis and Materials research group. Tom's research interests continue to include the use of ionic liquids as solvents for synthesis and catalysis. He also has interests in the use of metallobonded dimers in catalysis.

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Article Options

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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".

Search results include:

- Hydrotreating catalysis**
H Topsøe, BS Clausen, FE Massoth - *Catalysis*
Abstract Hydrotreating or hydroprocess processes which saturate unsaturated hydrocarbons in different petroleum streams in a refinery
☆ [Cited by 1794](#) [Related article](#)
- [BOOK] Homogeneous catalysis: the applications and chemistry of catalysis by soluble transition metal complexes**
GW Parshall, SD Ittel - 1980 - [hipepub.info](#)
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- Binaphthyls as chiral elements for asymmetric synthesis**
R Noyori - *ChemInform*, 1996 - [Wiley Online Library](#)
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- Room-temperature ionic liquids. Solvents for synthesis and catalysis**
T Welton - *Chemical reviews*, 1999 - [ACS Publications](#)
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- A red box highlights the "Resources @ 北海道大学" link in the second result.
- A red box highlights the "Resources @ 北海道大学" link in the third result.
- A red box highlights the "Resources @ 北海道大学" link in the fourth result.
- A red box highlights the "Resources @ 北海道大学" link in the fifth result.
- A red box highlights the "Resources @ 北海道大学" link in the sixth result.
- A red box highlights the "Resources @ 北海道大学" link in the seventh result.
- A red box highlights the "Resources @ 北海道大学" link in the eighth result.
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click the right edge of the links' line, and you find "Resources @ 北海道大学"

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- 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

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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

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R Noyori - ChemInform, 1996 - Wiley Online Library

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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. 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. The 'Settings' page has a left-hand menu with options like 'Search results', 'Languages', 'Library links', 'Account', and 'Button'. The 'Button' option is highlighted in red. The main content area of the 'Settings' page is titled 'Scholar Button for your browser' and displays a preview of the button's appearance over a search result for a paper by Einstein et al. (1935). Below the preview, there is a link that says 'Install Scholar Button to look up papers as you browse.'

Google Scholar

My profile My library

SIGN IN

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.

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

Google Scholar Button

Google Scholar Button installed on the browser

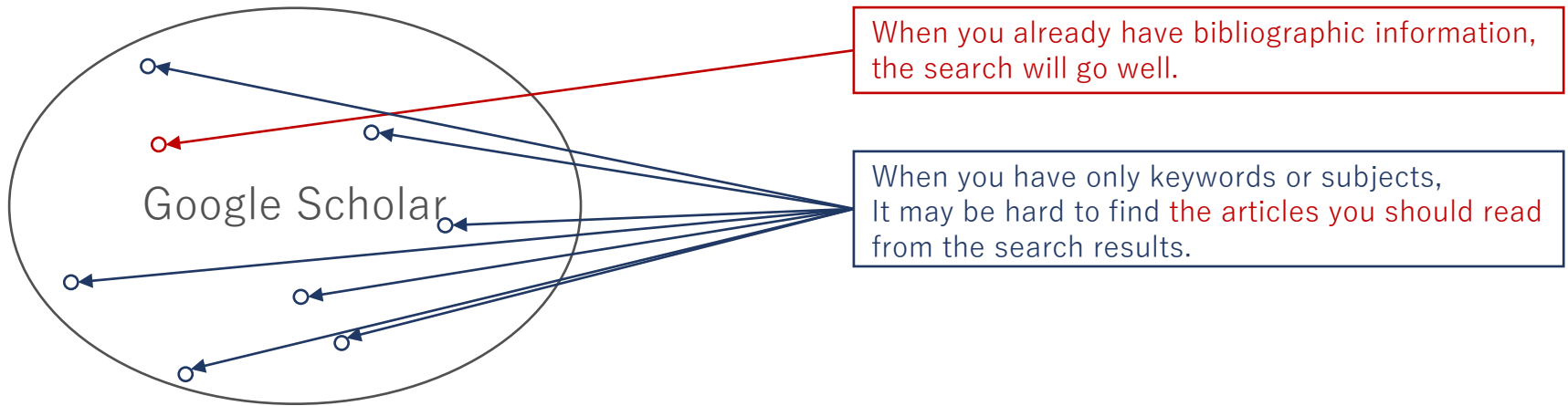
The image consists of two screenshots of a web browser displaying the CRIS (Creative Research Institution) website of Hokkaido University. The browser's address bar shows the URL www.cris.hokudai.ac.jp/cris/en/result/. In the top right corner of the browser window, a Google Scholar button is visible, 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 displays a list of search results. The first result is highlighted with a red box and contains the following text: "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. *Geochimica et Cosmochimica Acta*, 181, 3-15." The second result is also visible, showing the author "Abe, N., Henniart, G., Herzig, F. & Vigneres, M. F. 2017b." and the title "ADMISSIBLE MOD p REPRESENTATIONS OF p-ADIC REDUCTIVE GROUPS".

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

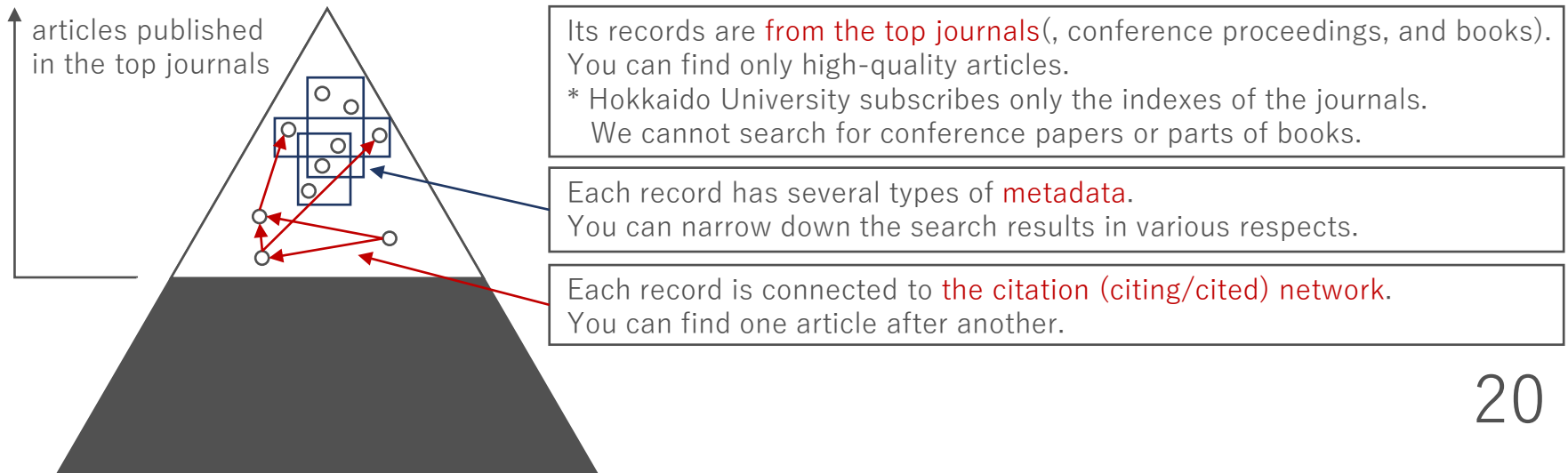
You can check all the search results.

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

HOME Japanese Hokkaido Univ. Contact (Central & North Lib) Contacts (Branches) Access

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](#))

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

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 for Web of Science, InCites, Journal Citation Reports, Essential Science Indicators, EndNote, and Publons. The main header shows the Web of Science logo and Clarivate Analytics branding. The search results section indicates 187,342 results from the Web of Science Core Collection. The search criteria are TOPIC: (catalysis). The results are sorted by Date, with options for Times Cited, Usage Count, and Relevance. The first two results are highlighted with red boxes and arrows pointing to the 'View Abstract' button. The third result is also highlighted with a red box and an arrow pointing to the 'View Abstract' button. The left sidebar shows the 'Refine Results' section with filters for 'Highly Cited in Field (2,893)', 'Hot Papers in Field (79)', and 'Open Access (26,897)'. The 'Publication Years' section shows a list of years from 2014 to 2017. The right sidebar shows the 'Analyze Results' section with options for 'Times Cited' and 'Usage Count'.

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

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 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. A.; Ghaleb, A. A.; Ghaleb, A. A.; et al.
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 search results list shows several entries, each with a title, authors, journal name, volume, pages, and publication date. For example, entry 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 entry also includes 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 & 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
[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, 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 for 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 in 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 "Citation Network" section on the right. The "Citation Network" section shows that the article is cited 9,703 times in the Web of Science Core Collection. Below this, it shows "All Times Cited Counts" as 10,069 in all databases. A red box highlights the text "The articles were cited by this article" pointing to the "Cited References" section. The "Cited References" section shows that the article has 145 cited references. The "Most recently cited by:" section lists the citing 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. The "Find Related Records" section shows three related articles, each with its own citation and usage count.

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
Times Cited: 0 (from Web of Science Core Collection)
Usage Count: 5K

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
Times Cited: 0 (from Web of Science Core Collection)
Usage Count: 5K

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.
JOURNAL OF CHEMICAL THERMODYNAMICS Volume: 121 Pages: 79-84 Published: JUN 2016
Full Text PDF Full Text from Publisher View Abstract
Times Cited: 0 (from Web of Science Core Collection)
Usage Count: 5K

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

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
Times Cited: 20 (from Web of Science Core Collection)

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
Times Cited: 8 (from Web of Science Core Collection)

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
By: ABDULSADA, AK; AVENT, AG; PARKINGTON, MJ; et al.
JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 3287-3288 Published: NOV 21 1993
Full Text PDF Full Text from Publisher View Abstract
Times Cited: 61 (from Web of Science Core Collection)

Find 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

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

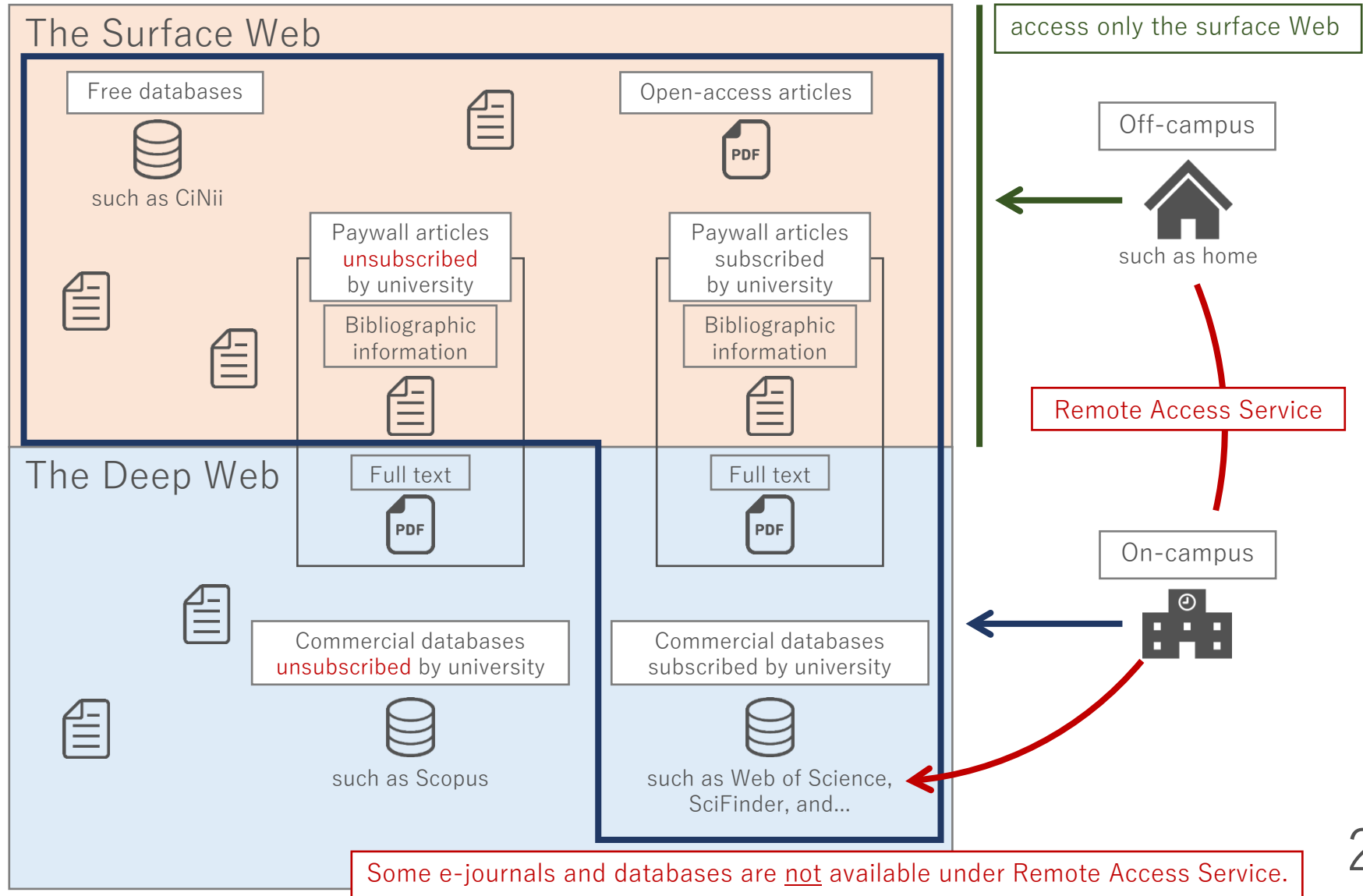
145
Cited References

View Related Records

Most recently cited by:

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

Remote Access Service



Remote Access Service

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- ☐ Professor emeriti
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[The Class of made-to-order \(in japanese\)](#)

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

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LATER
AND
ASK
ME
ANYTIME:

kitacam@lib.hokudai.ac.jp