



Scopus

<User training session>

The world largest abstract and citation database

www.scopus.com

December, 2019
@ Gifu University

Elsevier Japan KK



2

Agenda

- What is Scopus?
- Basic search workflow
- Find high-impact articles
- Search for authors
- Check journal metrics
- Personal Log-in

Find the latest articles
about your research topic

Find important articles
based on citations

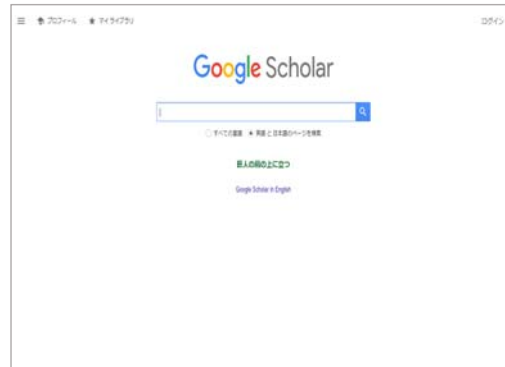
Check the author profile of
a top researcher

Select a journal to publish
with

Alert



Scopus



- Indexed journal information.
(All Scopus indexed titles are peer-review titles.)

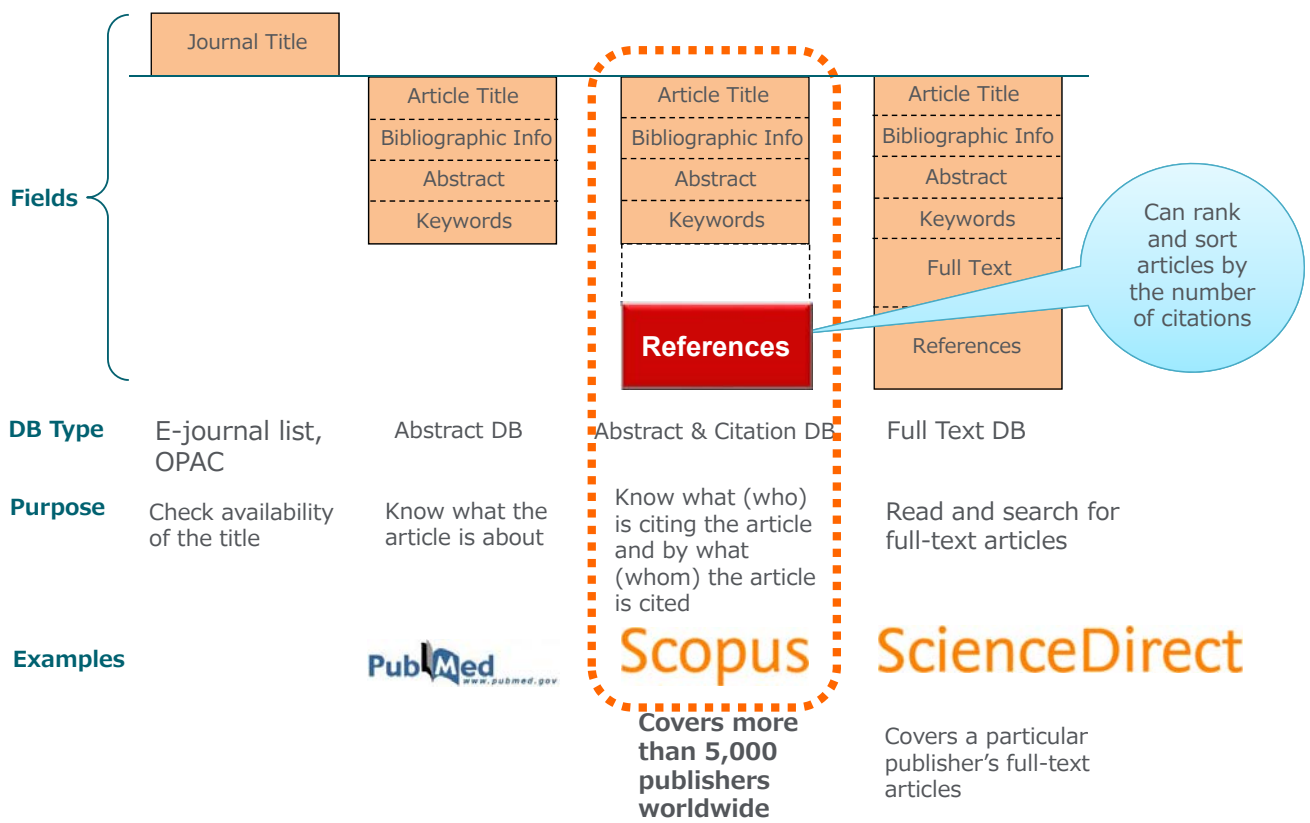


- Title
- Authors
- Abstract
- Keywords

- Main text
 - Introduction
 - Methods
 - Results
 - Discussions (Conclusion)

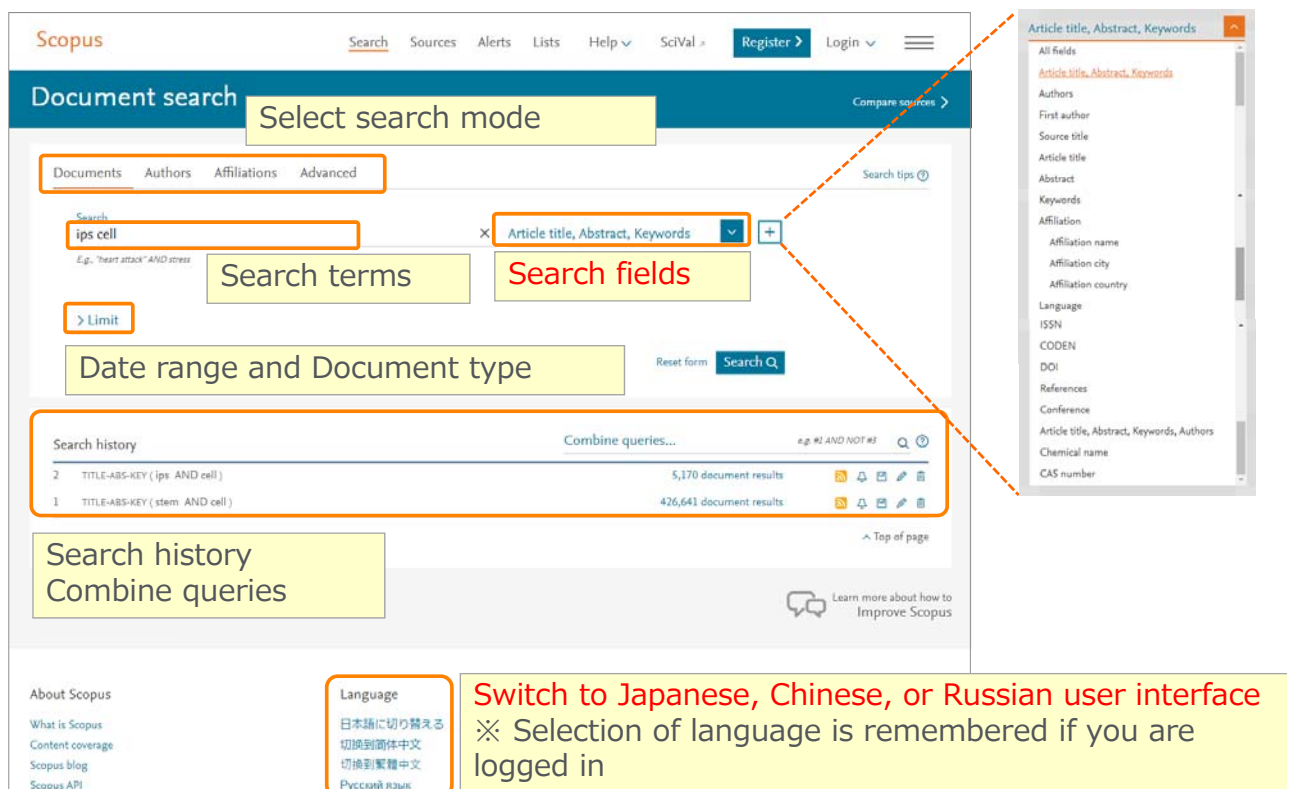
- References





Basic search workflow

① Start searching



Search terms: ips cell

Search fields: Article title, Abstract, Keywords

Date range and Document type: [Limit]

Search history	Combine queries...	Results
2 TITLE-ABS-KEY (ips AND cell)	e.g. #1 AND NOT #2	5,170 document results
1 TITLE-ABS-KEY (stem AND cell)		426,641 document results

Language: 日本語に切り替える / 切换到简体中文 / 切换到繁體中文 / Русский язык

Switch to Japanese, Chinese, or Russian user interface
※ Selection of language is remembered if you are logged in

Article title, Abstract, Keywords

- All fields
- Article title, Abstract, Keywords
- Authors
- First author
- Source title
- Article title
- Abstract
- Keywords
- Affiliation
- Affiliation name
- Affiliation city
- Affiliation country
- Language
- ISSN
- CODEN
- DOI
- References
- Conference
- Article title, Abstract, Keywords, Authors
- Chemical name
- CAS number

② Search results (Link to Articles / Authors / Titles)

5,170 document results View secondary documents View 54499 patent results

TITLE-ABS-KEY ("ips AND cell")

Edit Save Set alert Set feed

Search within results...

Analyze search results Show all abstracts Sort on: Date (newest)

[Link to Articles](#)
[Link to Authors](#)

Document title	Authors	Year	Source	Cited by
1 Cartilage Tissue Engineering by the 3D Bioprinting of iPSCs in a Nanocellulose/Alginate Bioink	Nguyen, D., Hgg, D.A., Forsman, A., (...), Enejder, A., Simonsson, S.	2017	Scientific Reports 7(1),2855 Open Access	0
2 The Absence of Interferon-β Promotor Stimulator-1 (IPS-1) Predisposes to Bronchiolitis and Asthma-like Pathology in Response to Pneumoviral Infection in Mice	Simpson, J., Lynch, J.P., Loh, Z., (...), Spann, K., Phipps, S.	2017	Scientific Reports 7(1),2855 Open Access	0
3 Cell fiber-based three-dimensional culture system for highly efficient expansion of human induced pluripotent stem cells	Ikeda, K., Nagata, S., Okitsu, T., Takeuchi, S.	2017	Scientific Reports 7(1),2850 Open Access	0
4 The distribution of phosphorus and its transformations during batch growth of <i>Synechocystis</i>	Zhou, Y., Nguyen, B.T., Zhou, C., (...)	2017	Water Research	0

Refine results

Limit to Exclude

Year

- 2017 (205)
- 2016 (457)
- 2015 (471)
- 2014 (511)
- 2013 (553)

View more

Author name

Subject area

Document type

Source title

③ Search results (View abstract, Full text link)

Scopus Search Sources Alerts Lists Help Scival Osaka University-account

2,949 document results View secondary documents View 9007 patent results View 18 DataSearch

TITLE-ABS-KEY ("ips cell")

Edit Save Set alert Set feed

Search within results...

Customized full text link Link to full text at publisher's site

[View abstract](#)
[View at Publisher](#)

Document title

Document title	Authors	Year	Source	Cited by
1 Analysis of mitochondrial function in human induced pluripotent stem cells from patients with mitochondrial diabetes due to the A3243G mutation	Matsubara, M., Kanda, H., Imamura, H., (...), Kakizuka, A., Nakao, K.	2018	Scientific Reports 8(1),949	0
2 CRIP fusion to Cas9 enhances transgene integration by homology-dependent repair				0

[View abstract](#)
[View at Publisher](#)

Show abstract within this page

© 2018 The Author(s). We previously established human induced pluripotent stem (iPS) cells in two diabetic patients from different families with the mitochondrial A3243G mutation and isolated isogenic iPS cell clones with either undetectable or high levels of the mutation in both patients. In the present study, we analyzed the mitochondrial functions of two mutation-undetectable and two mutation-high clones in each patient through four methods to assess complex I activity, mitochondrial membrane potential, mitochondrial respiration, and mitochondrial ATP production. In the first patient, complex I activity, mitochondrial respiration, and mitochondrial ATP production were decreased in the mutation-high clones compared with the mutation-undetectable clones, and mitochondrial membrane potential was decreased in a mutation-high clone compared with a mutation-undetectable clone. In the second patient, complex I activity was decreased in one mutation-high clone compared with the other clones. The other parameters showed no differences in any clones. In addition, the complex I activity and mitochondrial respiration of the mutation-undetectable clones from both patients were located in the range of those of iPS cells from healthy subjects. The present study suggests that the mitochondrial function of the mutation-undetectable iPS cell clones obtained from two patients with the A3243G mutation is comparable to the control iPS cells.

[View abstract](#)
[View at Publisher](#)

Link to Article details page

④ Search results (Alerts, Refine)

5,170 document results

TITLE-ABS-KEY (ips AND cell)

Save search (login required)
Search Alert / RSS
Notify by e-mail when new articles matching the search query are loaded on Scopus (login required) OR deliver to RSS reader

Save Set alert Set feed

Search within results... Analyze search results Show all abstracts Sort on: Date (newest)

Refine results Add search terms

Limit to Exclude

Year

- 2017 (205)
- 2016 (457)
- 2015 (471)
- 2014 (511)
- 2013 (553)

View more

Author name

Subject area

Document type

Source title

Check breakdown of results and refine results

Document title	Authors	Year	Source	Cited by
1 Cartilage Tissue Engineering by the 3D Bioprinting of iPS Cells in a Nanocellulose/Alginate Bioink	Nguyen, D., Hgg, D.A., Forsman, A., (...), Enejder, A., Simonsson, S.	2017	Scientific Reports 7(1),00690	0
2 The Absence of Interferon-β Promotor Stimulator-1 (IPS-1) Predisposes to Bronchiolitis and Asthma-like Pathology in Response to Pneumoviral Infection in Mice	Simpson, J., Lynch, J.P., Loh, Z., (...), Spann, K., Phipps, S.	2017	Scientific Reports 7(1),2353	0
3 Cell fiber-based three-dimensional culture system for highly efficient expansion of human induced pluripotent stem cells	Ikeda, K., Nagata, S., Okitsu, T., Takeuchi, S.	2017	Scientific Reports 7(1),2850	0
4 The distribution of phosphorus and its transformations during batch growth of <i>Synechocystis</i>	Zhou, Y., Nguyen, B.T., Zhou, C. (...)	2017	Water Research	0

⑤ Search results (Sort)

5,170 document results

TITLE-ABS-KEY (ips AND cell)

Sorted on date (newest first) by default

Save Set alert Set feed

Search within results... Analyze search results Show all abstracts Sort on: Date (newest)

Refine results

Limit to Exclude

Year

- 2017 (205)
- 2016 (457)
- 2015 (471)
- 2014 (511)
- 2013 (553)

View more

Author name

Subject area

Document type

Source title

Sorted on: Date (newest)

- Date (newest)
- Date (oldest)
- Cited by (highest)
- Cited by (lowest)
- Relevance
- First Author (A-Z)
- First Author (Z-A)
- Source Title (A-Z)
- Source Title (Z-A)

Document title	Authors	Year	Source	Cited by
1 Cartilage Tissue Engineering by the 3D Bioprinting of iPS Cells in a Nanocellulose/Alginate Bioink	Nguyen, D., Hgg, D.A., Forsman, A., (...), Enejder, A., Simonsson, S.	2017	Scientific Reports 7(1),00690	0
2 The Absence of Interferon-β Promotor Stimulator-1 (IPS-1) Predisposes to Bronchiolitis and Asthma-like Pathology in Response to Pneumoviral Infection in Mice	Simpson, J., Lynch, J.P., Loh, Z., (...), Spann, K., Phipps, S.	2017	Scientific Reports 7(1),2353	0
3 Cell fiber-based three-dimensional culture system for highly efficient expansion of human induced pluripotent stem cells	Ikeda, K., Nagata, S., Okitsu, T., Takeuchi, S.	2017	Scientific Reports 7(1),2850	0
4 The distribution of phosphorus and its transformations during batch growth of <i>Synechocystis</i>	Zhou, Y., Nguyen, B.T., Zhou, C. (...)	2017	Water Research	0

⑥ Search results (Analyze search results)

The screenshot shows a search results page with 5,170 document results. A yellow box highlights the 'Analyze search results' button. An arrow points to a 'View in charts and graphs' button. Below, three panels show different analysis views: 'Documents by year' (line graph), 'Documents per year by source' (line graph), and 'Documents by author' (horizontal bar chart).

⑦ Export

The screenshot shows the 'Export document settings' dialog box. A yellow box highlights the 'Export' button in the top navigation bar. A yellow box highlights the 'Select your method of export' section, with 'Mendeley', 'RefWorks', and 'RIS Format (EndNote, Reference Manager)' selected. A yellow box highlights the 'Customize export' section, with 'Citation information' selected. A yellow box highlights the 'Document title' column in the document list. A yellow box highlights the 'Select documents to export' text. A yellow box highlights the 'Export to major reference management tools such as Mendeley, RefWorks, and EndNote' text.

General Rules

- Not case sensitive
- Entering singular nouns also searches for plural nouns and possessives (with some exceptions) e.g. **city** and **cities** and **city's**; **woman** and **women**; **criterion** and **criteria**
- Entering either American or British spellings searches for both variations (with some exceptions) (e.g. **behavior** and **behaviour**; **stabilization** and **stabilisation**)
- Entering either variation of Greek letters (**α** OR **alpha**; **β** OR **beta**) searches for both variations

Wildcards

- * replaces any number of characters
e.g. **econom*** searches for **economy**, **economics**, **economical**, etc.
- ? Replaces only one character
e.g. **sawt??th** searches for **sawtooth** and **sawteeth**

Phrase Search

- To search as a phrase, enclose it in double quotation marks
e.g. **"heart attack"** searches for **heart attack**, **heart-attack**, **heart attacks**, etc.

Exact Phrase Search

- To search as an exact phrase, enclose the search terms in curly brackets
e.g. **{heart-attack}** searches for **heart-attack** with a hyphen only
{Na+} searches for **Na+** with a plus sign only

Boolean Operators

- **AND** Finds only documents that contain all of the terms.
The terms may be far apart from each other.
e.g. **food AND poison**
- **OR** Finds documents that contain any of the terms. It is used to cover synonyms, alternate spellings, or abbreviations.
e.g. **weather OR climate**; **"green fluorescent protein" OR gfp**
- **AND NOT** Excludes documents that include the specified term from the search. It must be used at the end of a search.
e.g. **tumor AND NOT malignant**

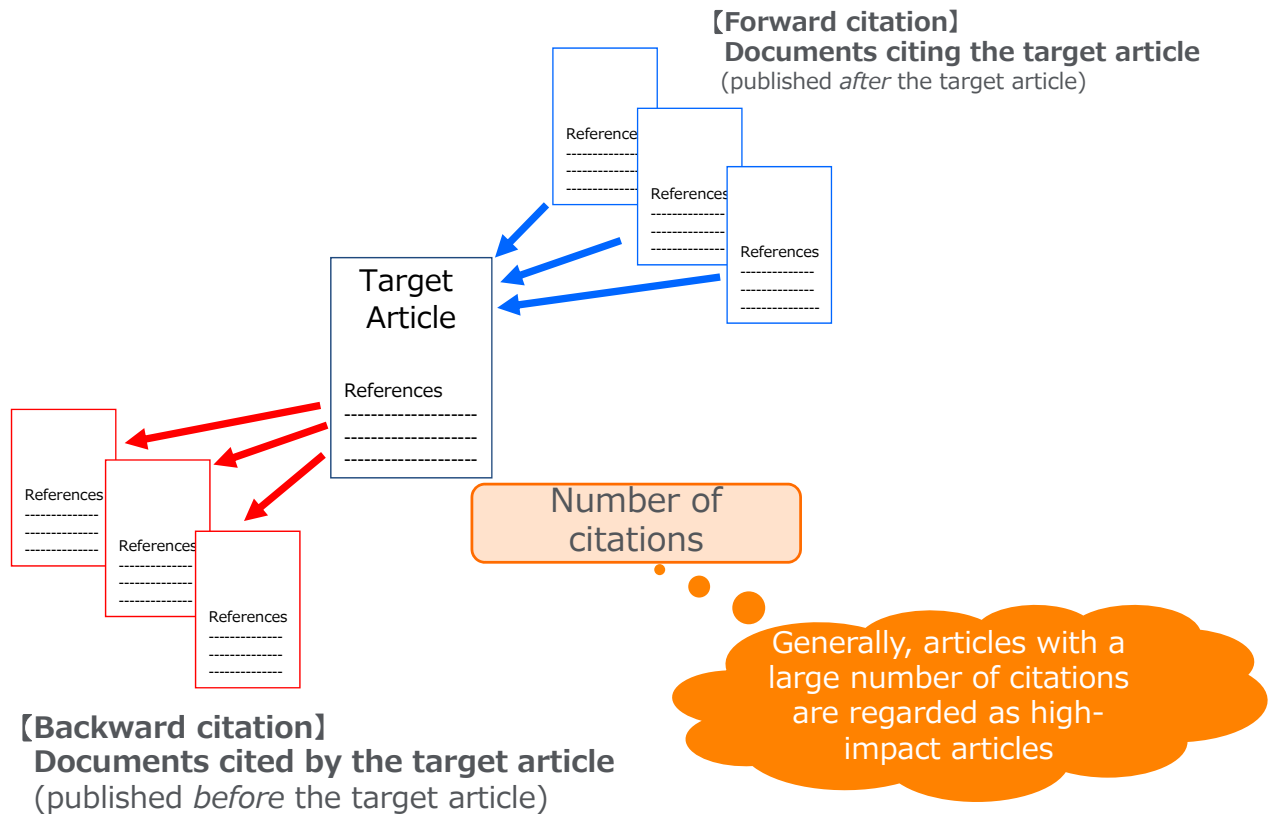


Proximity Operators

- **W/n** The terms must be within a specified number of terms (n).
Either word may appear first.
e.g. **climate W/5 change** searches for **climate and carbon cycle changes** and **future changes in climate**
- **PRE/n** The first term must precede the second by a specified number of terms (n).
e.g. **user PRE/3 interface** also searches for **user-friendly interface**

Find high-impact articles

① Backward and Forward Citation



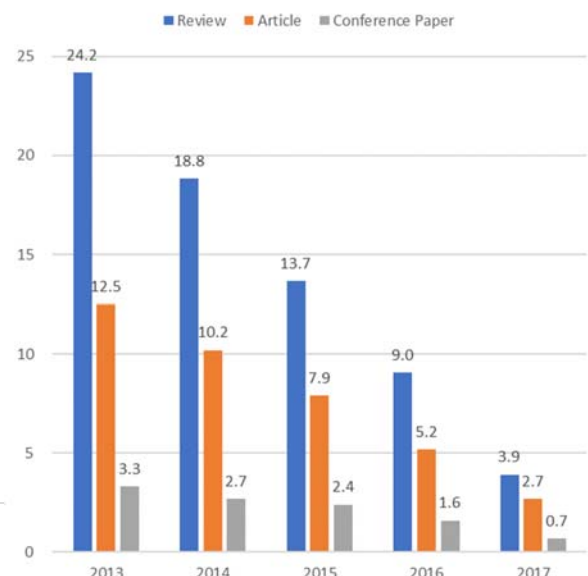
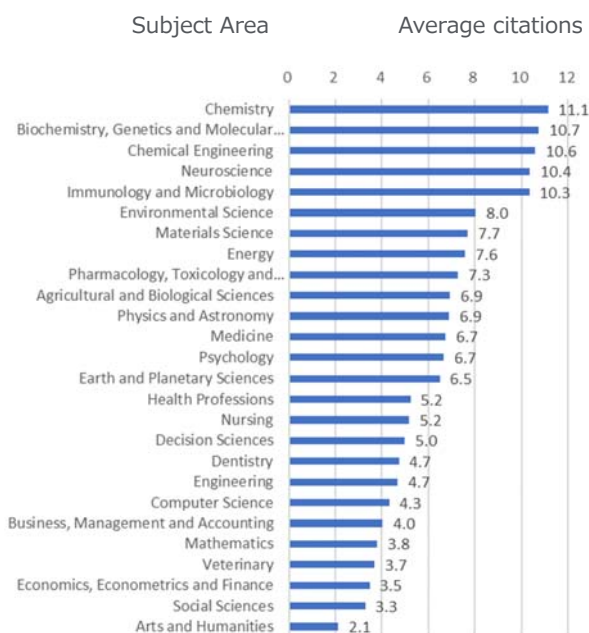
Find high-impact articles

② Average citation number varies.

The average of citations is different by subject areas, publication year, and document type

Subject Areas

Publication Year, Document Type



Source: SciVal, 2013-2017, as of 2018.12.14

③ Field Weighted Citation Impact & Citation Benchmarking

Field-Weighted Citation Impact (FWCI) shows how well cited this article is when compared to similar articles. FWCI greater than 1.00 means the article is more cited than expected according to the average. It takes into account the year of publication, the document type, and disciplines associated with its source.

Citation Benchmarking shows how citations received by this article compare with the averages for similar articles. 99th percentile is high, and indicates an article in the top 1% globally. It takes into the account date of publication, the document type, and disciplines associated with its source.

④ Sort by the number of citations

5,170 document results View secondary documents View 54499 patent results

TITLE-ABS-KEY (ips AND cell)

Edit Save Set alert Set feed

Sort on the number of citations (highest)

Search within results...

Analyze search results Show all abstracts Sort on: Cited by (highest)

All Export Download View citation overview View cited by Save to list

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 1	Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors	Takahashi, K., Yamanaka, S.	2006	Cell 126(4), pp. 663-676	11415
<input type="checkbox"/> 2	Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors	Takahashi, K., Tanabe, K., ...	2007	Cell	8993
<input type="checkbox"/> 3	Generation of germline-competent induced pluripotent stem cells	Yamanaka, S., ...	2007	Nature 448(7151), pp. 313-317	2730
<input type="checkbox"/> 4	Reprogramming of human somatic cells to pluripotency with defined factors	Park, I.-H., Zhao, R., West, J.A., (...), Lensch, M.W., Daley, G.Q.	2008	Nature 451(7175), pp. 141-146	1938

Clicking on the number shows the list of citing documents

③ Document details page (Abstract + References)

Title
Authors
Abstract
Keywords

References

View all metrics

Number of citations

Number of citations + Documents citing this article

Document citation alert
Notify when this article is newly cited by other articles (**login required**) or deliver to RSS reader

Related documents based on shared references, authors, keywords

Now, Scopus has research data information

④ Citation Benchmarking and FWCI

Scopus Metrics

897 Citations
Total number of times this document has been cited in Scopus.

Date range: 2015 to 2019

Field-Weighted Citation Impact shows how well cited this article is when compared to similar articles. FWCI greater than 1.00 means the article is more cited than expected according to the average. It takes into account the year of publication, the document type, and disciplines associated with its source.

Citation benchmarking
Shows how citations received by this document compare with the average for similar documents.

99th percentile in Condensed Matter Physics

Citation Benchmarking shows how citations received by this article compare with the averages for similar articles. 99th percentile is high, and indicates an article in the top 1% globally. It takes into the account date of publication, the document type, and disciplines associated with its source.

Field-Weighted Citation Impact
Shows how well this document is cited when compared to similar documents. A value greater than 1.00 means the document is more cited than expected.

2.67

Hands-on practice (2)

Find important articles
based on citations

Based on the “Search results” you have on Hands-on practice 1.

1. Open “Sort on” box, Choose “Cited by (highest)”
2. Select/Open the most cited articles from the results.
3. “View all metrics” and check the following items.
 - Citations numbers.
 - Field Weighted Citation Impact.
 - Citation Benchmarking.




Find high-impact articles

④ Citation Benchmarking and FWCI

Metric Details	Metric Details
<p>Ten years of induced pluripotency: From basic mechanisms to therapeutic applications Back to article (2016) Development (Cambridge), 143(12), pp. 2039-2043</p> <p>Scopus Metrics</p> <p>Citation Count: 7 Field-Weighted Citation Impact: 0.56 Citation Benchmarking: 75th percentile</p> <p>Cited by in Scopus</p> <p>Citation Count : 7 FWCI : 0.52 (0.52 higher impact than average) Citation Benchmarking : 75th percentile</p> <p>Article information: Ten years of induced pluripotency: From basic mechanisms to therapeutic applications (2016) Development (Cambridge), 143(12), pp. 2039-2043</p>	<p>Why Britain voted For brexit: An individual-level analysis of the 2016 referendum vote Back to article (2017) Parliamentary Affairs, 70(3), pp. 439-464</p> <p>Scopus Metrics</p> <p>Citation Count: 7 Field-Weighted Citation Impact: 11.42 Citation Benchmarking: 99th percentile</p> <p>Cited by in Scopus</p> <p>Citation Count : 7 FWCI : 9.3 (9.3 higher impact than average) Citation Benchmarking : 99th percentile</p> <p>Article information : Why Britain voted For Brexit : An individual-level analysis of the 2016 referendum vote Parliamentary Affairs, 70 (3), pp 439-464</p>

Same citation count **but** impact of an article varies.



PlumX Metrics  [see details](#)

Usage	Captures	Mentions
EBSCO - Abstract Views: 545	CiteULike - Readers: 2	Blogs: 2
EBSCO - Link-outs: 326	EBSCO - Exports-Saves: 22	News: 1
EBSCO - HTML Views: 37	Mendeley - Readers: 111	

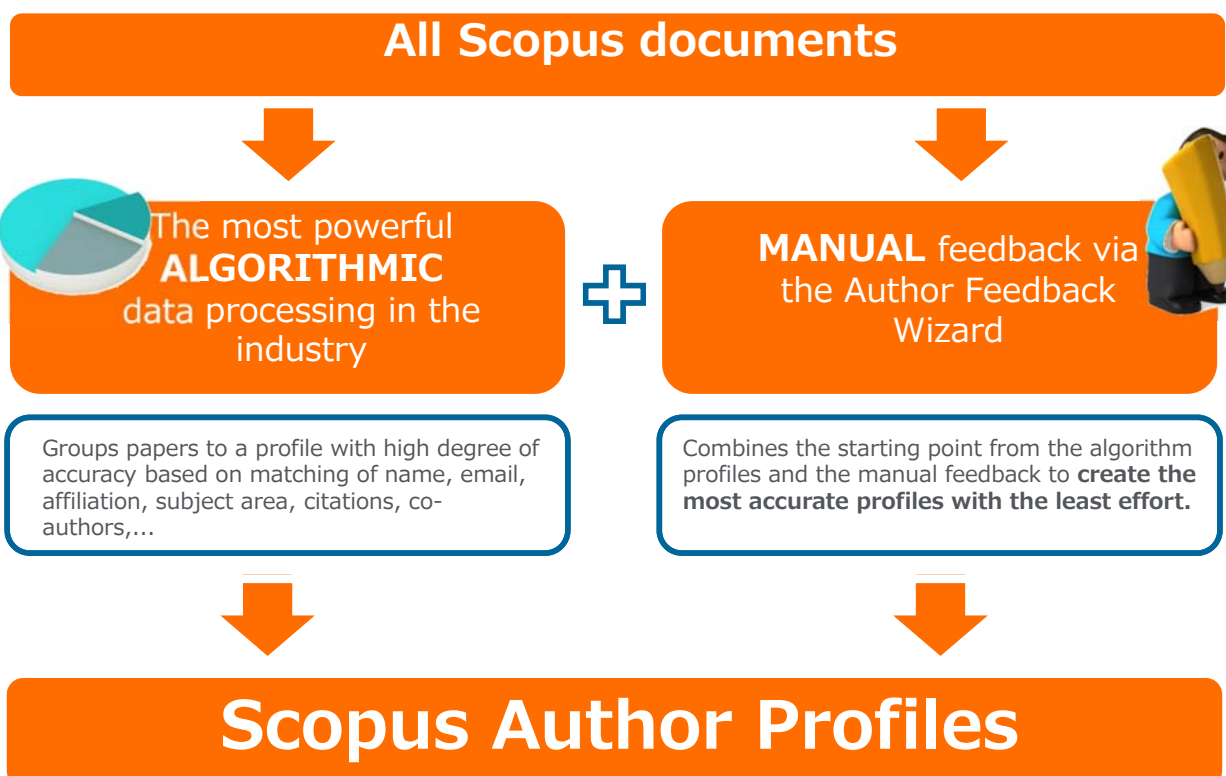
Social Media	Citations
Twitter - Tweets: 92	CrossRef - Citation Indexes: 22

Scholarly Activity Mendeley, CiteULike, etc.
 Scholarly Commentary Blogs, Reviews, Wikipedia, etc.
 Mass Media
 Social Activity Twitter, Facebook, etc.



Search for authors

① How Scopus author profiles are created



Search for authors

② Author search

Scopus groups documents written by the same author via an algorithm that matches authorship based on certain criteria.

If documents by an author are split into multiple author profiles, you can request to merge them by using author feedback wizard.

Link to the author profile

Scopus Author search interface showing search criteria (Author last name, Author first name, Affiliation) and a list of author results. A callout box explains that Scopus groups documents by authorship. Another callout box points to the 'Request to merge authors' link, stating that if documents are split into multiple profiles, this wizard can be used. A third callout box points to the author profile link, stating it links to the author profile.

Search for authors

③ Author profile

Search alert
Notify by e-mail when this author publishes new articles (**login required**)

Author citation alert
Notify by e-mail when this author is newly cited (**login required**)

Analytical functions

1175 Documents Cited by 107274 documents 150 co-authors Author history

Documents published by this author
Documents citing this author
Co-authors

Author details for Akira, Shizuo. The profile includes a bio, subject areas, a bar chart of publications and citations over time, and a list of documents. Callouts highlight the 'Follow this Author' link for search alerts, the 'Get citation alerts' link for citation alerts, and the 'Analytical functions' box which contains links for 'h-index', 'Documents by author', 'Total citations', and 'View citation overview'. A summary bar shows 1175 documents, 107274 citations, and 150 co-authors. A callout box points to the document list, listing document titles, authors, years, sources, and citation counts.

Search for authors

④ Analyze author output, *h*-index, Citation overview

Analyze author output

Documents (by source, type, year, subject area), *h*-index, Citations, and Co-authors

View *h*-graph

The *h*-index is based on the highest number of papers included that have had at least the same number of citations.

View citation overview

Citation overview shows the number of times the documents were cited by publication year.

Check journal metrics

① Journal metrics

The yearly average number of citations to recent articles published in a journal

	CiteScore (released in December 2016)	Impact Factor
Vendor	Elsevier	Clarivate Analytics (used to be Thomson Reuters IP & Science)
Database	Scopus	Web of Science
Coverage	3 years	2 years or 5 years
Document Types	A = B All document types	A ≠ B A = All document types B = Articles, Reviews, Proceedings papers



Check journal metrics

② Search for a source

Scopus Search Sources Alerts Lists Help SciVal Junya Inoue

Sources

Subject area

39,647 results

Search Journal titles by

- Subject area
- Title
- Publisher
- ISSN (International Serial Standard Numbers)

CiteScore highest quartile Show only titles in top 10

Source title	CiteScore	Highest percentile	Citations 2017	Documents 2014-16	% Cited	SNIP
Journal for Clinicians	130.47	99%	16,961	130	70	88.164
Journal of Clinical Pharmacy and Therapeutics	63.12	99%	1,010	16	100	32.534

Check CiteScore, SJR, and SNIP of a journal:
SJR (SCImago Journal Rank) is weighted by the prestige of a journal. Subject field, quality and reputation of the journal have a direct effect on the value of a citation.
SNIP (Source Normalized Impact per Paper) measures contextual citation impact by weighting citations based on the total number of citations in a subject field.



Check journal metrics

③ Source details and CiteScore

Scopus Search Sources Alerts Lists Help SciVal Junya Inoue

Source details

Feedback Compare sources

Tetrahedron
 Scopus coverage years: from 1957 to 2018
 Publisher: Elsevier
 ISSN: 0040-4020 E-ISSN: 1464-5416
 Subject area: Chemistry: Organic Chemistry, Pharmacology, Toxicology and Pharmaceutics: Drug Discovery, Biochemistry, Genetics and Molecular Biology: Biochemistry

View all documents Set document alert Journal Homepage Copac E2B More

Visit Scopus Journal Metrics

- CiteScore 2017: 2.33
- SJR 2017: 0.800
- SNIP 2017: 0.679

CiteScore rank & trend Scopus content coverage

CiteScore 2017 Calculated using data from 30 April, 2018

2.33 = $\frac{\text{Citation Count 2017}}{\text{Documents 2014 - 2016}^*}$ = $\frac{7,576 \text{ Citations}}{3,251 \text{ Documents}}$

*CiteScore includes all available document types View CiteScore methodology CiteScore FAQ

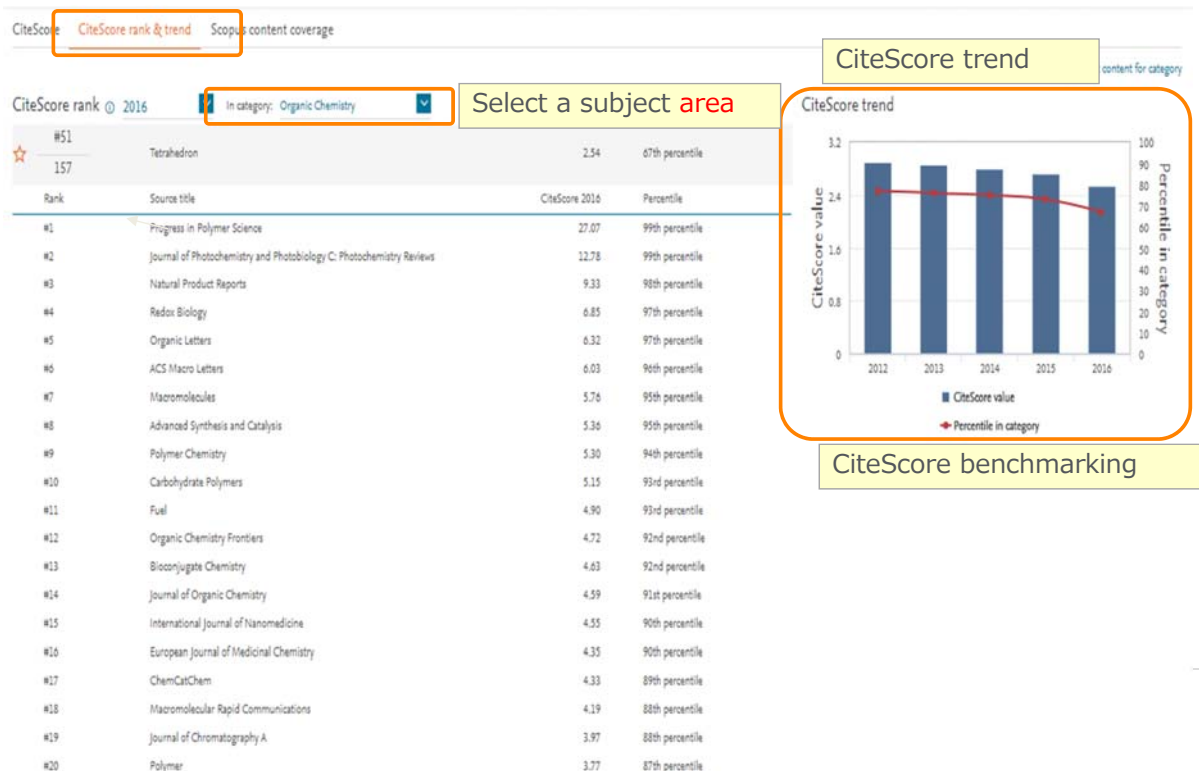
CiteScore rank

Category	Rank	Percentile
Chemistry		
Organic Chemistry	#58/169	65th
Pharmacology		

Check journal metrics

④ CiteScore rank & trend

31



Hands-on practice (4)

Select a journal to publish with

32

Check a Journal CiteScore and other information on Scopus title page.

1. Click the Sources menu on the top to display the Sources page.
2. Search by "Subject area" and choose "Agricultural and Biological Sciences".
3. Choose an one of titles.
4. Check CiteScore / CiteScore rank & trend.

Personalization

① User registration, Login

※ By user registration, you can use personal features such as e-mail alerts. You can use the same username/password for ScienceDirect and Mendeley.

Register

Registration is quick and free. It allows you to personalize the Elsevier products to which you have access.

Your details

First name:

Family name:

E-mail and password

Your e-mail address will be your username

E-mail address:

Password:

Register

Login using your Elsevier credentials

Username:

Password:

Remember me **Login**

Not Registered?
Forgotten your username or password?
*=required fields

Registration Successful

Your personal account has been created successfully. A message confirming your registration has been sent to the e-mail address you specified. Your Username is shown below.

Username: takahashi@elsevier.ac.jp

Click the Continue button below to proceed.

Continue

Your e-mail address is your username



Personalization

② E-mail alerts

Scopus Search Sources Alerts Lists Help v SciVal v Shoji Takahashi v

5,170 document results

TITLE ABSTRACT (1984 AND 1987)

Set search alert

Name of alert:

E-mail address:

Frequency:

E-mail format:

Set search alert

Alerts

Display and edit saved alerts

Alert name	Alert name	Search	Frequency	View	Set alert	Edit	Delete	Status
1. 11 Jun 2017	title call	TITLE ABSTRACT (1984 AND 1987)	Every week	Check for new results from 11 Jun 2017				
1. 10 Apr 2015	Shoji Takahashi	Shoji Takahashi, Shoji Takahashi (Author Identifier: 1000212330)	Every week	Check for new results from 10 Apr 2015				
1. 10 Apr 2015	Shoji Takahashi	Shoji Takahashi, Shoji Takahashi (Author Identifier: 1000212330)	Every week	Check for new results from 10 Apr 2015				

Unsubscribe

The screenshot shows the Scopus interface. At the top, there's a search results section with a 'Save to list' button highlighted in orange. Below it, a table lists search results. An orange arrow points from the 'Save to list' button to the 'Lists' menu item in the top navigation bar. The 'Lists' menu is also highlighted in orange. Below the navigation bar, there's a 'Saved lists' section with a table of lists and a 'Show documents in List' button highlighted in yellow.

Document title	Authors	Year	Source	Cited by
1 Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors	Takahashi, K., Yamanaka, S.	2006	Cell 126(4), pp. 663-676	11415

stem cell	50	03 Apr 2016	Rename ✕
ips cell human	20	03 Apr 2016	Rename ✕
ips cell mouse	20	03 Apr 2016	Rename ✕

The screenshot shows the Scopus user profile and settings page. At the top, there's a message 'Your name is displayed when logged in' highlighted in yellow. Below it, the user's profile information is shown, including the name 'masato takaishi' and email 'm.takaishi@elsevier.com'. A dropdown menu is open, showing various settings options like 'Dashboard', 'Saved searches', 'Alerts', 'Saved lists', 'Export and reference management settings', and 'Privacy center'. At the bottom of the menu, there are 'View account' and 'Sign out' buttons. The 'MT' profile icon is highlighted in orange.