

Basic Training 2024 for PhD students

# WEB OF SCIENCE

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Nagoya University Graduate School of Medicine

**Medical Library**

Ext : 2509

E-mail : [libmed@t.mail.nagoya-u.ac.jp](mailto:libmed@t.mail.nagoya-u.ac.jp)

# Contents

1. Overview
2. Basic Search
3. Advanced Search
4. Use the functions

# Contents

- 1. Overview**
2. Basic Search
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# What is the WoS Core Collection?

- Contains information on articles from top journals
- Covers humanities, social sciences, and natural sciences
- Contains conference proceedings and technical books
- Citation information = bibliographic information of references and mutual links
- Entrance to JCR, EndNote basic
- No limit on the number of accesses
- Can be accessed from off-campus (THERS account/required)

# Types of citation information

- Cited references
  - List of references of each article
- Citations
  - List of papers that cited each article
  - How the research were evolved.
- Related records
  - Closely related research

# Comparison with PubMed

	PubMed	Web of Science
Field	Biomedical, Life sciences	All fields
Period	1946 ~	1900 ~
Number of Journals	About 5,200	About 21,000
Contents	Information on articles published in academic journals	Information on articles published in the selected top journals
Features	<b>Thesaurus</b> search and medical field-specific refinement	Search using a wealth of <b>citation information</b>

# How do you use it?

<b>PubMed</b>	<b>Web of Science</b>
<ul style="list-style-type: none"><li>✓ Search without omission</li><li>✓ Systematic search</li></ul>	<ul style="list-style-type: none"><li>✓ Find important references</li><li>✓ Tracking the "After" of Research</li><li>✓ Conducting interdisciplinary research</li></ul>

# Contents

1. Overview
- 2. Basic Search**
3. Advanced Search
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# Setting search conditions

The screenshot displays the Clarivate Web of Science search interface. At the top, the Clarivate logo is on the left, and 'English' and 'Products' are on the right. Below this, 'Web of Science' and 'Search' are visible, along with 'Sign In' and 'Register' buttons. A vertical menu on the left contains icons for home, refresh, user profile, and notifications. The main search area has two tabs: 'DOCUMENTS' (selected) and 'RESEARCHERS'. Below the tabs, there are dropdown menus for 'Search in: Web of Science Core Collection' and 'Editions: All'. A row of three tabs is highlighted with an orange border: 'DOCUMENTS', 'CITED REFERENCES', and 'STRUCTURE'. Below these tabs is a search field with a dropdown menu set to 'All Fields' and a text input containing 'Example: liver disease india singh'. At the bottom, there are buttons for '+ Add row', '+ Add date range', 'Advanced Search', 'x Clear', and 'Search'.

# Setting search conditions

The image shows a search interface with two tabs: 'DOCUMENTS' and 'RESEARCHERS'. The 'DOCUMENTS' tab is active. Below the tabs, there is a search bar with a dropdown menu set to 'All Fields' and a text input field containing 'Example: liver disease india singh'. Below the search bar, there are three buttons: '+ Add row', '+ Add date range', and 'Advanced Search'. The '+ Add date range' button is highlighted with an orange box, and a yellow arrow points down to a detailed view of the date range selection process. In this detailed view, the 'Index Date' dropdown is selected, and the date range is set to 'YYYY-MM-DD' to 'YYYY-MM-DD'. The 'Advanced Search' button is also visible. A large orange box with the text 'Setting the search range' is overlaid on the right side of the detailed view. At the bottom right, there are 'Clear' and 'Search' buttons.

Setting the search range

# Setting search conditions

The screenshot displays a search interface with three tabs: DOCUMENTS, CITED REFERENCES, and STRUCTURE. The DOCUMENTS tab is active. Below the tabs, there is a search field containing the text "Example: liver disease india singh". To the left of the search field is a dropdown menu currently showing "All Fields". A search bar is highlighted with an orange border, containing a "Search" input field and a list of search conditions: "All Fields", "Topic", "Title", "Author", "Publication Titles", "Year Published", "Affiliation", "Funding Agency", and "Publisher". To the right of the search bar, there is a "Clear" button and a "Search" button. Below the search bar, there is a "Sign in to access" button.

DOCUMENTS CITED REFERENCES STRUCTURE

All Fields ^

Example: liver disease india singh

Search

All Fields

Topic

Title

Author

Publication Titles

Year Published

Affiliation

Funding Agency

Publisher

All Fields

Searches all of the searchable fields using one query. This allows you to easily find your search terms in any field.

Example:  
2014 drexel decay radioactiv\*

× Clear Search

Sign in to access

# Setting search conditions

## Examples

Examples	
Topic	Title, abstract, author keywords, and Keywords Plus.
Author	Authors and Group Author.
Publication Titles	Journal titles, book titles, proceedings titles, and more.
Affiliation	Organization names and/or their name variants.
DOI/PubMed ID	Specific article.

# Setting search conditions

The image shows two overlapping screenshots of a search interface. The top screenshot shows a search bar with the text "Example: liver disease india singh" and a callout box that says "Add search criteria" pointing to the search bar. Below the search bar are buttons for "+ Add row", "+ Add date range", and "Advanced Search". The bottom screenshot shows the same interface but with a dropdown menu open for selecting a search operator. The dropdown menu contains the options "And", "Or", and "Not". A callout box that says "Select a search operator" points to the dropdown menu. At the bottom right of the bottom screenshot are buttons for "x Clear" and "Search".

DOCUMENTS CITED REFERENCES STRUCTURE

Example: liver disease india singh

+ Add row + Add date range Advanced Search

DOCUMENTS CITED REFERENCES STRUCTURE

All Fields Example: liver disease india singh

All Fields Example: liver disease india singh

And Or Not

Select a search operator

x Clear Search

# Points to search

- There is no thesaurus.
  - Automatic processing of conjugations and spelling variations \*Topic, title only
  - Use synonyms
- Search operators
  - Add synonyms with OR
  - Exclude unnecessary words with NOT

For more information,  
click the "Help" button.

# Points to search

- To search for an exact phrase, enclose the phrase **in quotation marks** \*Topic, title only
  - **“prenatal exposure”** → prenatal alcohol exposure is not a hit
- Use wildcards
  - Automatic processing of conjugations is disabled for phrase search.
  - Add an **asterisk (\*)** before, during, or after the search term.

# Wildcard Characters (Truncation)

Symbol	Retrieves	Examples	
*	Zero or more characters	prenatal*	• prenatal <b>ly</b>
		*natal	• <b>neo</b> natal • <b>peri</b> natal
		p*natal	• <b>pre</b> natal • <b>peri</b> natal
?	One character only	organi?ation	• organization • organis <b>a</b> tion
\$	Zero or one character	“model\$ing”	• modeling • modell <b>i</b> ng



# Author Search / Publication Titles Search

- Author
  - **Enter the last name first followed by a space and the author's initials\*.**
  - ex) chitwood w\*
  - If necessary, add the name of the author's organization
- Publication Titles
  - Enter the full title or an abbreviation and add \* at the end.
  - ex) cancer research or can\* res\*
  - You can select from the index.

# Search example

Try to find research articles on iPS cells.

- Set the search field to **"topic"**
- iPS cell = induced pluripotent stem cell
- Specify the **exact phrases**
- To search for both "ips cell" and "ips cells", add an **asterisk (\*)** at the end
- Connecting phrases with the search operator **(OR)**

**"ips cell\*" OR "induced pluripotent stem cell\*"**

# Results

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS CITED REFERENCES STRUCTURE

Topic ▾  ×

+ Add row + Add date range Advanced search

× Clear Search

# Results

27,170 results from Web of Science Core Collection for:

Analyze Results

Citation Report

Create Alert

"ips cell"OR"induced pluripotent stem cell" (Topic)

Search

Add Keywords

Quick add keywords:

+ INDUCED PLURIPOTENT STEM CELLS

+ INDUCED PLURIPOTENT STEM CELL

+ HUMAN INDUCED PLURIPOTENT STEM CELLS

+ IPS CELLS

+ IP: >

Publications

You may also like...

Copy query link

Refine results

Search within results...



Quick Filters

- Highly Cited Papers 208
- Hot Papers 1
- Review Article 4,231
- Early Access 175
- Open Access 18,458
- Associated Data 1,249
- Enriched Cited References 3,550
- Open publisher-invited reviews 45

Publication Years

0/27,170

Add To Marked List

Export

Sort by: Relevance

1 of 544

1 Induced Pluripotent Stem Cells (iPS Cells): Current Status and Future Prospect

Shen, HF; Yao, ZF; (...); Yao, KT

Aug 2009 | PROGRESS IN BIOCHEMISTRY AND BIOPHYSICS 36 (8), pp.950-960

Over the past 28 months, the induced pluripotent stem cells (iPS cells, with characteristics identical to those of embryonic stem cells (ES cells)) directly in vitro reprogrammed from nonembryonic cells and tissues have captured great attentions in both scientific community and general public. Somatic reprogramming, dedifferentiation and the resource of pluripotent stem cells become the research ... Show more

Full Text at Publisher

3

Citations

83

References

Related records ?

2 Reprogramming of Primary Human Cells to Induced Pluripotent Stem Cells Using Sendai Virus

Draper, JM and Vivian, JL

2020 | TRANSGENIC MOUSE: METHODS AND PROTOCOLS 2066, pp.217-234

1

Citation

10

# Results

Get the full text

Click to add to your Marked List



Free Full Text From Publisher

Full Text Links ▾



Export ▾

Add To Marked List

Induction of pluripotent stem cells from mouse

Associated Data

By: Takahashi, K (Takahashi, Kazutoshi) ; Yamanaka, S (Yamanaka, Shinya)  
View Web of Science ResearcherID and ORCID (provided by)

CELL

Volume: 126 Issue: 4 Page: 663-676

DOI: 10.1016/j.cell.2006.07.024

Published: AUG 25 2006

Document Type: Article

Abstract

Differentiated cells can be reprogrammed to an embryonic-like state by transfer of nuclear contents into oocytes or by fusion with embryonic stem (ES) cells. Little is known about factors that induce this reprogramming. Here, we demonstrate induction of pluripotent stem cells from mouse embryonic or adult fibroblasts by introducing four factors, Oct3/4, Sox2, c-Myc, and Klf4, under ES cell culture conditions. Unexpectedly, Nanog was dispensable. These cells, which we designated iPS (induced pluripotent stem) cells, exhibit the morphology and growth properties of ES cells and express ES cell marker genes. Subcutaneous transplantation of iPS cells into nude mice resulted in tumors containing a variety of tissues from all three germ layers. Following injection into blastocysts, iPS cells contributed to mouse embryonic development. These data demonstrate that pluripotent stem cells can be directly generated from fibroblast cultures by the addition of only a few defined factors.

- Save in reference management tool
- Print or email
- Save text

Create citation

All Citation

16,754 In A  
+ See more

Cited Refere

50

View Related

# Advanced Search Query Builder

DOCUMENTS RESEARCHERS

Search in: Web of Science Core Collection ▾ Editions: All ▾

DOCUMENTS CITED REFERENCES STRUCTURE

Topic ▾ Example: oil spill\* mediterranean

+ Add row + Add date range **Advanced search** x Clear Search

# Advanced Search Query Builder

DOCUMENTS

RESEARCHERS

Search in: Web of Science Core Collection Editions: All

Add terms to the query preview

All Fields

Example: liver disease india singh

Add to query

More options

Query Preview

Enter or edit your query here. You can also combine previous searches e.g. #5 AND #2

+ Add date range

Clear

Search

Booleans: AND, OR, NOT Examples

Field Tags:

- TS=Topic
- TI=Title
- AB=Abstract
- AU=[Author]
- AI=Author Identifiers
- AK=Author Keywords
- GP=[Group Author]
- ED=Editor
- KP=Keyword Plus \*
- SO=[Publication Titles]
- DO=DOI
- PY=Year Published
- CF=Conference
- AD=Address
- OG=[Affiliation]
- OO=Organization
- SG=Suborganization
- SA=Street Address
- CI=City
- PS=Province/State
- CU=Country/Region
- ZP=Zip/Postal Code
- FO=Funding Agency
- FG=Grant Number
- FD=Funding Details
- FT=Funding Text
- SU=Research Area
- WC=Web of Science Categories
- IS= ISSN/ISBN
- UT=Accession Number
- PMID=PubMed ID
- DOP=Publication Date
- LD=Index Date
- PUBL=Publisher
- ALL=All Fields
- FPY=Final publication year
- SDG=Sustainable Development Goals

Search Help

Select "AND/OR"

Session

Build a new query by combining your searches in this session.

2/2

Combine Sets

Export

Clear History

2

transplantation (Topic)

591,664

Add to query

1

"ips cell\*"OR"induced pluripotent stem cell\*" (All Fields) (Topic)

5,433

Add to query

# Advanced Search Query Builder

**Session Queries**

Build a new query based on your searches in this session.

0/3 Combine Sets ▾ Export ▾ Clear History

<input type="checkbox"/> 3	#2 AND #1	912	<span>Add to query ▾</span>	<span>🔗</span> <span>✎</span> <span>🔔</span>
<input type="checkbox"/> 2	transplantation (Topic)	591,664	<span>Add to query ▾</span>	<span>🔗</span> <span>✎</span> <span>🔔</span>
<input type="checkbox"/> 1	"ips cell*"OR"induced pluripotent stem cell*" (All Fields) (Topic)	5,433	<span>Add to query ▾</span>	<span>🔗</span> <span>✎</span> <span>🔔</span>

[必須ガイド・活用メソッド](#)



# Quick Filters

Quick Filters

- Highly Cited Papers 220
- Hot Papers 4
- Review Articles 3,472
- Early Access 132
- Open Access 13,421
- Associated Data 1,091

---

Publication Years

- 2022 3
- 2021 1,898
- 2020 2,509
- 2019 2,394
- 2018 2,107

[See all](#)

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Document Types

- Articles 17,549
- Review Article 4,015
- Meeting Abstract 3,278
- Book Chapters 799
- Editorial Material 737
- Proceeding Paper 312
- Early Access 164
- Correction 147
- Letter 142
- News Item 47
- Retracted Publication 16
- Retraction 14

[See all](#)

1 Induction of pluripotent s  
and adult fibroblast cultu

[Takahashi, K and Yamanaka, S](#)  
Aug 25 2006 | [CELL](#) 126 (4) , pp.663

Differentiated cells can be reprog  
transfer of nuclear contents into  
(ES) cells. Little is known about f

[NULink](#) [Free Full Text](#)

---

2 Induction of pluripotent s  
fibroblasts by defined fac

[Takahashi, K; Tanabe, K; \(...\); Yam](#)  
Nov 30 2007 | [CELL](#) 131 (5) , pp.863

Successful reprogramming of dif  
pluripotent state would allow cre  
cells. We previously reported ger

[NULink](#) [Free Full Text](#)

Other than this, Authors,  
Affiliations, Publication  
Titles, etc.

Check the box and click  
"Refine" or "Exclude"

# Contents

1. Overview
2. Basic Search
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# Find important articles

26,120 results from Web of Science Core Collection for:

Q "ips cell\*"OR"induced pluripotent stem cell\*" (All Fields)

Analyze Results

Citation Report

Create Alert

Copy query link

Publications

You may also like...

Refine results

Search within results...



Filter by Marked List

Quick Filters

- Highly Cited Papers 224
- Hot Papers 1
- Review Article 4,015
- Early Access 164
- Open Access 16,997
- Associated Data 1,269
- Enriched Cited References 2,489

Citation Topics Meso

- 1,102 Stem Cell Research 10,365

0/26,120

Add To Marked List

Export

Sort by: Background: Highest first

1 of 523

1 Induction of pluripote



Takahashi, K and Yamanaka,...

Aug 25 2006 | CELL 126

Differentiated cells can be reprogrammed into pluripotent stem (ES) cells. Little is known about the mechanisms of mouse embryonic or adult fibroblasts.

Free Full Text

2 Induction of pluripote



Takahashi, K; Tanabe, K; (...);

Nov 30 2007 | CELL 131

Successful reprogramming of somatic cells into pluripotent stem cells. We previously reported that transduction of four defined transcription factors into mouse embryonic fibroblasts (MEFs) can generate pluripotent stem cells.

- Relevance
- Recently added
- New Citation class
- Date: newest first
- Date: oldest first
- Citations: highest first
- Citations: lowest first
- Usage (all time): most first
- Usage (last 180 days): most first
- Conference title: A to Z
- Conference title: Z to A
- First author name: A to Z
- First author name: Z to A
- Publication title: A to Z
- Publication title: Z to A

17,192 Citations

50 References

Related records ?

13,603 Citations

30 References

cells

27

# Find important articles

## クラリベイト・アナリティクスの Highly Cited Researchers に本学から5名が選ばれました

2019年12月13日

Highly Cited Researchers は、クラリベイト・アナリティクスが世界中で引用された回数が多い論文の著者（高被引用論文著者）を研究分野ごとに選出したものです。2019年は、約60か国21分野で約6,200名の研究者が、世界的に最も影響のある研究を行っている研究者としてリストアップされています。

本学からは、以下の5名が選ばれました。

Chemistry 伊丹 健一郎 (Kenichiro Itami Kenichiro)	トランスフォーマティブ生命分子研究所長・教授
Cross-Field 須藤 健悟 (Kengo Sudo)	環境学研究科教授
Plant&Animal Science 榊原 均 (Hitoshi Sakakibara)	生命農学研究科教授
Plant&Animal Science 松林 嘉克 (Yoshikatsu Matsubayashi)	理学研究科教授
Plant&Animal Science	

# Highly Cited Papers & Hot Papers

21,229 results from Web of Science Core Collection for:

🔍 “ips cell\*”OR“induced pluripotent stem cell\*” (Topic)

Analyze Results

Citation Report

🔔 Create Alert

🔗 Copy query link

Publications

You may also like...

## Refine results

Search within results for...



## Quick Filters

- 🏆 Highly Cited Papers 220
- 🔥 Hot Papers 4
- 📄 Review Articles 3,472
- ⌚ Early Access 132
- 🔒 Open Access 13,421
- 🗃️ Associated Data 1,091

0/21,229

Add To Marked List

Export ▾

Relevance ▾



1 of 425



- 1 **Reprogramming of Primary Human Cells to Induced Pluripotent Stem Cells Using Sendai Virus**

[Draper, JM and Vivian, JL](#)

2020 | TRANSGENIC MOUSE: METHODS AND PROTOCOLS 2066 , pp.217-234

Induced pluripotent stem (iPS) cells are important tools for studying differentiation and for use in patient-specific disease modeling. We present a detailed method for the reprogramming of primary ... [Show more](#)



[View full text](#)



1

Citation

10

References

[Related records](#)

# Find important articles

## Citations

Number of records that cited current one

### Citation Network

In Web of Science Core Collection

**18,105** Citations

[Create citation alert](#)

**22,433** Times Cited in All Databases  
[+ See more times cited](#)

[View citing preprints](#)

**50** Cited References

[View Related Records →](#)

Citing items by classification [New](#)

Breakdown how this article has been

## Induction of pluripotent stem cell fibroblast cultures by defined factors

[Associated Data](#)

By Takahashi, K (Takahashi, Kazutoshi); Yamanaka, S (Yamanaka, Shinya)

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

Source CELL

Volume: 126 Issue:  
Click this link to show the detailed Journal Impact Info  
DOI: 10.1016/j.cell.2006.08.016

Published AUG 25 2006

Indexed 2006-08-25

Document Type Article

Abstract Differentiated cells can be reprogrammed to an embryonic-like state by transfer of nuclear contents into oocytes or by fusion with embryonic stem (ES) cells. Little is known about factors that induce this reprogramming. Here, we demonstrate induction of pluripotent stem cells from mouse embryonic or adult fibroblasts by introducing four factors, Oct3/4, Sox2, c-Myc, and Klf4, under

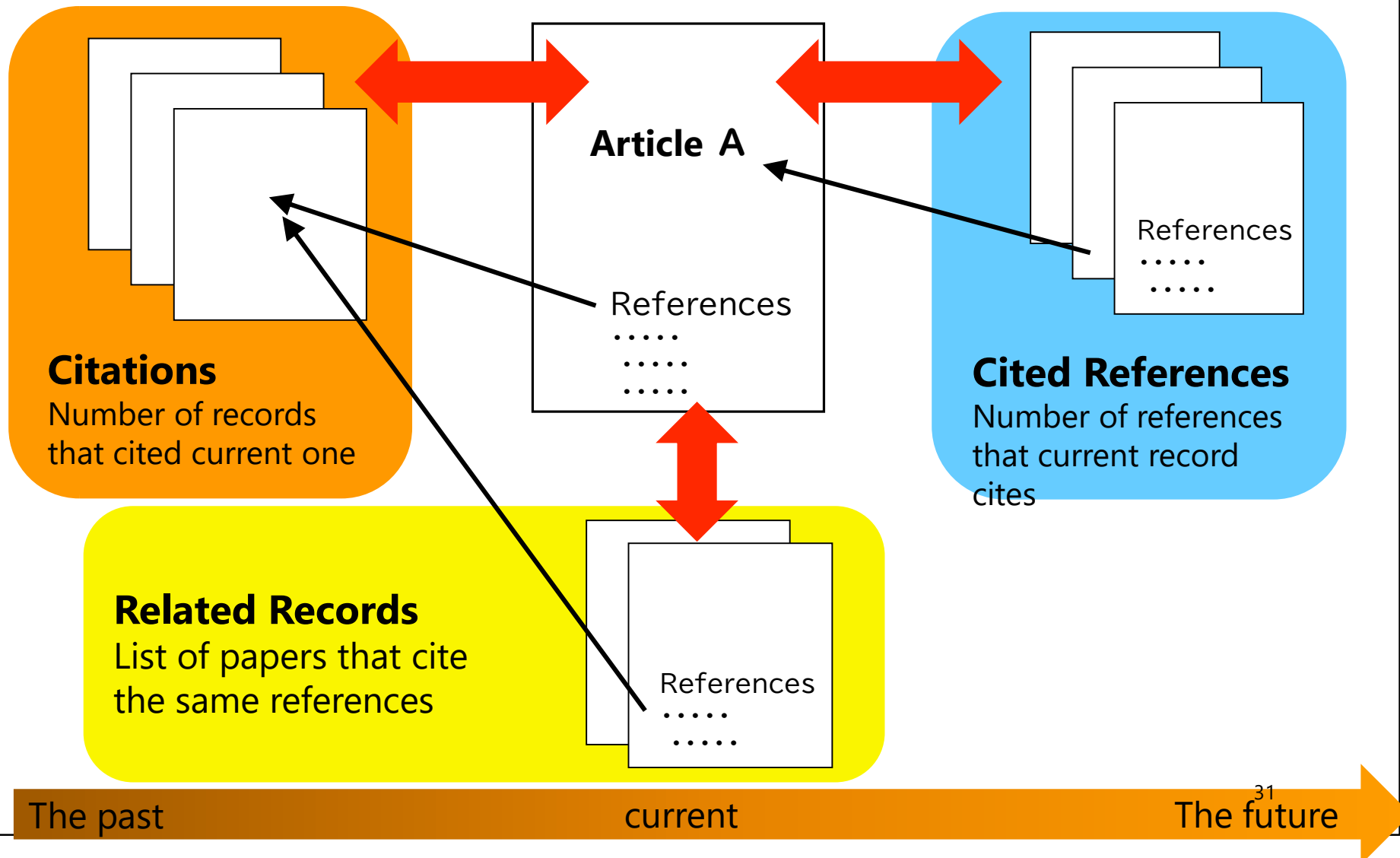
## Cited References

Number of references that current record cites

## Related Records

List of papers that cite the same references

# Understand the research process



# Monitor the latest research

The image shows a screenshot of a research article page. The article title is "Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors". The page includes a metadata table on the left and a citation network sidebar on the right. An orange callout box with a speech bubble tail points to the "Create citation alert" button in the sidebar.

**Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors**

[Associated Data](#)

By	
Source	
Published	Aug 22 2006
Indexed	2006-08-25
Document Type	Article
Abstract	Differentiated cells can be reprogrammed to an embryonic-like state by transfer of nuclear contents into oocytes or by fusion with embryonic stem (ES) cells. Little is known about factors that induce this reprogramming. Here, we demonstrate induction of pluripotent stem cells from mouse embryonic or adult fibroblasts by introducing four factors, Oct3/4, Sox2, c-Myc, and Klf4, under

Click this link to Impact Info

**18,105 Citations**

**Create citation alert**

**22,433 Times Cited in All Databases**  
+ See more times cited

**50 Cited References**  
View Related Records →

Citing items by classification **New**

Breakdown of how this article has been



# Monitor the latest research

Search result ↓

27,172 results from Web of Science Core Collection for:

Analyze Results Citation Report **Create Alert**

Search "ips cell\*"OR"induced pluripotent stem cell\*" (Topic) Search

"History" ↓

Automatic search and notification of results (account required)

MENU

Customize display settings to comb

Type	Search Query and Results	Database	Results	Actions
<input type="checkbox"/>	Document	Takahashi and Yamanaka 2006, Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors	Web of Science Core Collection	<a href="#">Link</a>
				2:40 PM
<input type="checkbox"/>	Search	"ips cell*"OR"induced pluripotent stem cell*" (All Fields)	Web of Science Core Collection 26,120	<a href="#">Link</a> <a href="#">Edit</a> <b>Create Alert</b>
				Show editions v
				2:31 PM

33

# Analyze research trends

14,266 results from Web of Science Core Collection for:

[Analyze Results](#) [Citation Report](#) [Create Alert](#)

🔍 "ips cell\*"OR"induced pluripotent stem cell" (Topic) [Search](#)

[Add Keywords](#) Quick add keywords: [+ INDUCED PLURIPOTENT STEM CELL](#) [+ INDUCED PLURIPOTENT STEM CELLS](#) [+ IPS CELLS](#) [+ IPS CELL](#) [+ HUMAN INDUCED PLURIPOTENT STEM](#)

Publications You may also like... [Copy query link](#)

Refine results

Search within results... 🔍

Quick Filters

- Highly Cited Papers 112
- Hot Papers 2
- Review Article 1,775
- Early Access 84
- Open Access 9,775
- Associated Data 606
- Enriched Cited References 2,010
- Open publisher-invited reviews 17

0/14,266 [Add To Marked List](#) [Export](#) Sort by: Relevance < 1 of 286 >

1 [KSR-Based Medium Improves the Generation of High-Quality Mouse iPS Cells](#) 16 Citations

[Liu, K; Wang, E; \(...\); Liu, L](#) 46 References

Aug 29 2014 | PLOS ONE 9 (8)

Induced pluripotent stem (iPS) cells from somatic cells have great potential for regenerative medicine. The efficiency in generation of iPS cells has been significantly improved in recent years. However, the generation of high-quality iPS cells remains of high interest. Consistently, we demonstrate that knockout serum replacement (KSR)-based medium accelerates iPS cell induction and improves th ... Show more

[Free Full Text from Publisher](#) [View Full Text on ProQuest](#) ... [Related records](#) ?

# Analyze research trends

## Analyze Results

14,266 publications selected from Web of Science Core Collection

Web of Science Categories

Change display items

Sort by:

Results count

Show:

25

Minimum record count:

1

Visualization:

TreeMap Chart

Number of results:

10

DOWNLOAD

4,273  
Cell Biology

2,402  
Biotechnology Applied Microbiology

1,217  
Multidisciplinary Sciences

1,050  
Neurosciences

1,507  
Medicine Research Experimental

3,360  
Cell Tissue Engineering

1,047  
Cardiac Cardiovascular Systems

768  
Hematology

1,421  
Biochemistry Molecular Biology

835

35

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# What is Journal Impact Factor (JIF)?

- **The Journal Impact Factor (JIF)** is a ratio which divides a journal's received citations by a count of its published articles.
- JIF is calculated using the following metrics (example for 2020):

$$= \frac{\text{Citations in 2020 to items published in 2018 + 2019}}{\text{Number of citable items in 2018 + 2019}}$$

- ✘ Changes in journal name or ISSN are considered as a new journal.
- ✘ Items like editorials, letters, and news items are excluded from the denominator.

# Using the WoS

266 results from Web of Science Core Collection for: Analyze Results Citation

"ips cell"OR"induced pluripotent stem cell" (Topic)

[Add Keywords](#) Quick add keywords: + INDUCED PLURIPOTENT STEM CELL + INDUCED PLURIPOTENT STEM CELLS + IPS CELLS + IPS CELL + HUMA

Publications You may also like...

Search within results...

Filters

- Review Article 1,775
- Early Access 84
- Open Access 9,775
- Associated Data 606
- Enriched Cited References 2,010
- Open publisher-invited reviews 17

Citation Years

- 24 212
- 23 1,314
- 22 1,443
- 21 1,543
- 20 1,346

Document Types

- Article 10,111
- Review Article 1,775

0/14,266 Add To Marked List Export Sort by: Relevance

1 KSR-Based Medium Improves the Generation of High-Quality Mouse IPS Cells  
[Liu, K; Wang, E \(-\); Liu, L](#)  
Aug 29 2014 | PLOS ONE (98)

Induced pluripotent stem (iPS) cells from somatic cells have great potential for regenerative medicine. The efficiency in generation of iPS cells significantly improved in recent years. However, the generation of high-quality iPS cells remains of high interest. Consistently, we demonstrate that knockout serum replacement (KSR)-based medium accelerates iPS cell induction and improves the efficiency of iPS cell generation. ... Show more

[Free Full Text from Publisher](#) [View Full Text on ProQuest](#) ...

2 Distinct IPS Cells Show Different Cardiac Differentiation Efficiency  
[Ohno, Y; Yuasa, S \(-\); Fukuda, K](#)  
2013 | STEM CELLS INTERNATIONAL 2013

Patient-specific induced pluripotent stem (iPS) cells can be generated by introducing transcription factors that are highly expressed in embryonic stem (ES) cells into somatic cells. This opens up new possibilities for cell transplantation-based regenerative medicine by overcoming the ethical issues and immunological problems associated with ES cells. Despite the development of various methods for generating iPS cells, the efficiency of iPS cell generation remains low. ... Show more

[Free Full Text from Publisher](#) ...

3 Successful differentiation to T cells, but unsuccessful Bcell generation, from B-cell-derived induced pluripotent stem

**Journal information**

**PLOS ONE**  
Publisher name: PUBLIC LIBRARY SCIENCE

**Journal Impact Factor™**  
3.7 (2022) 3.8 (Five Year)

JCR Category	Category Rank	Category Quartile
MULTIDISCIPLINARY SCIENCES <i>in SCIE edition</i>	26/73	Q2

Source: Journal Citation Reports 2022. [Learn more](#)

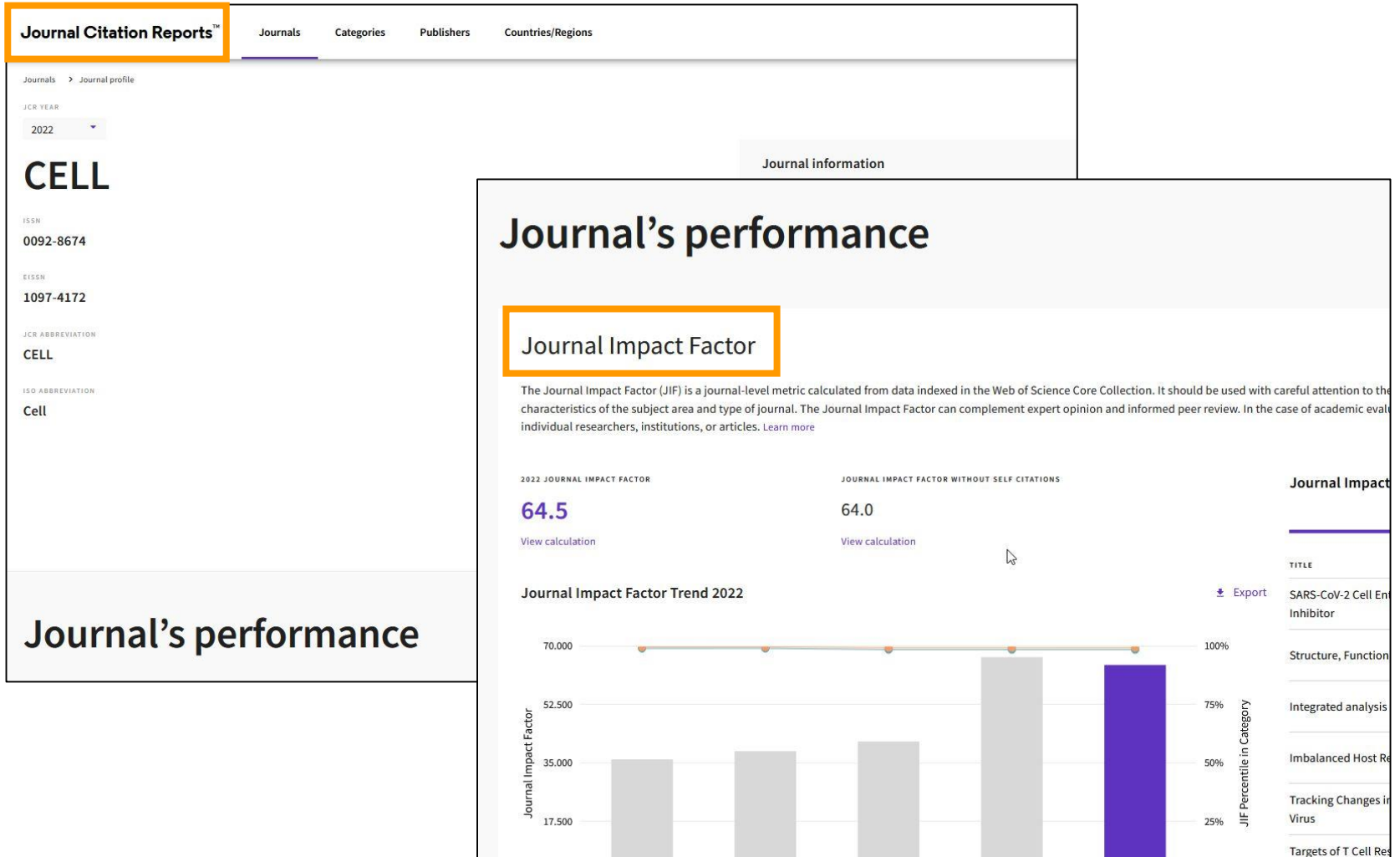
**Journal Citation Indicator™**  
0.91 (2022) 0.88 (2021)

JCI Category	Category Rank	Category Quartile
MULTIDISCIPLINARY SCIENCES <i>in SCIE edition</i>	29/134	Q1

The Journal Citation Indicator is a measure of the average Category Normalized Citation Impact (CNCI) of citable items (articles and reviews) published by a journal over a recent three year period. It is used to help you evaluate journals based on other metrics besides the Journal Impact Factor (JIF). [Learn more](#)

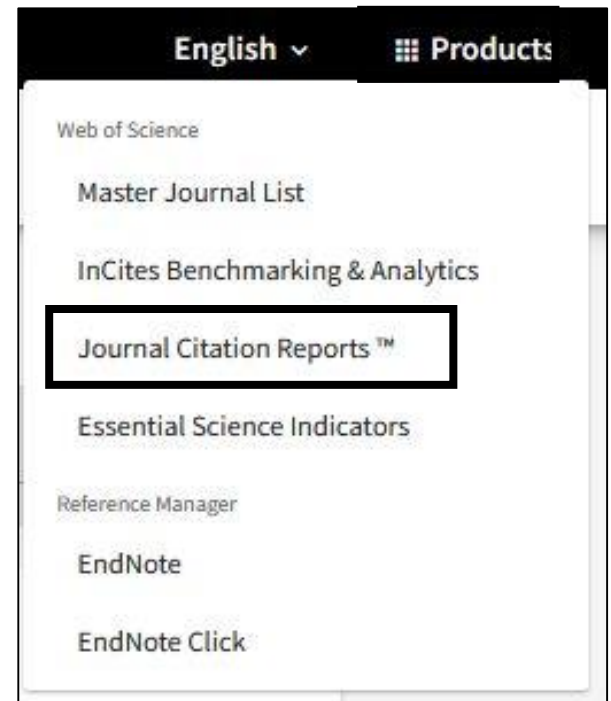
[Related records](#)

# Using the WoS



# Using the JCR

- Various indicators such as JIF
- Data updated annually (around June or July)
- Data available since 1997.
- Before 1996: CD-ROMs and booklets from the Central Library.





# Using the JCR

The screenshot displays the JCR website interface. At the top left, there are links for "Browse journals" and "Browse categories". The main header area is purple and features the text "The world's leading journals" followed by a search bar. An orange callout box highlights the search bar with the text "Search by journal name, ISSN, etc.". The search bar contains the placeholder text "Type journal name, ISSN, eISSN, category or a keyword" and a search icon. Below the search bar, there is a white section titled "Already have a manuscript?" with a sub-heading "Find relevant, reputable journals for potential publication of your research using Manuscript matcher." and a "Match my manuscript" button. At the bottom, a white section titled "See full listings and refine your search" contains four icons with corresponding text: "Browse journals", "Browse categories", "Browse publishers" (with "COMING SOON" below it), and "Browse countries" (with "COMING SOON" below it).

Browse journals Browse categories

The world's leading journals Search by journal name, ISSN, etc.

Type journal name, ISSN, eISSN, category or a keyword

**Already have a manuscript?**  
Find relevant, reputable journals for potential publication of your research using Manuscript matcher. [Match my manuscript](#)

See full listings and refine your search

- Browse journals
- Browse categories
- Browse publishers  
COMING SOON
- Browse countries  
COMING SOON

# Using the JCR

- Click on "Journals".

Journal Citation Reports™ Journals Categories Publishers Countries/Regions My favorites Sign In Register

21,494 journals  [Copy query link](#) [Export](#)

Indicators: Default [Customize](#)

**Filter**

	ISSN	eISSN	Category	Total Citations	2021 JIF
<input type="checkbox"/> CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4863	ONCOLOGY - SCIE	61,124	286.130
<input type="checkbox"/> LANCET	0140-6736	1474-547X	MEDICINE, GENERAL & INTERNAL - SCIE	403,222	202.731
<input type="checkbox"/> NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	MEDICINE, GENERAL & INTERNAL - SCIE	506,071	176.082
<input type="checkbox"/> JAMA- JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	0098-7484	1538-3598	MEDICINE, GENERAL & INTERNAL - SCIE	242,430	157.375
<input type="checkbox"/> NATURE REVIEWS MOLECULAR CELL BIOLOGY	1471-0072	1471-0080	CELL BIOLOGY - SCIE	66,072	113.915
<input type="checkbox"/> NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	Multiple	47,615	112.288

42

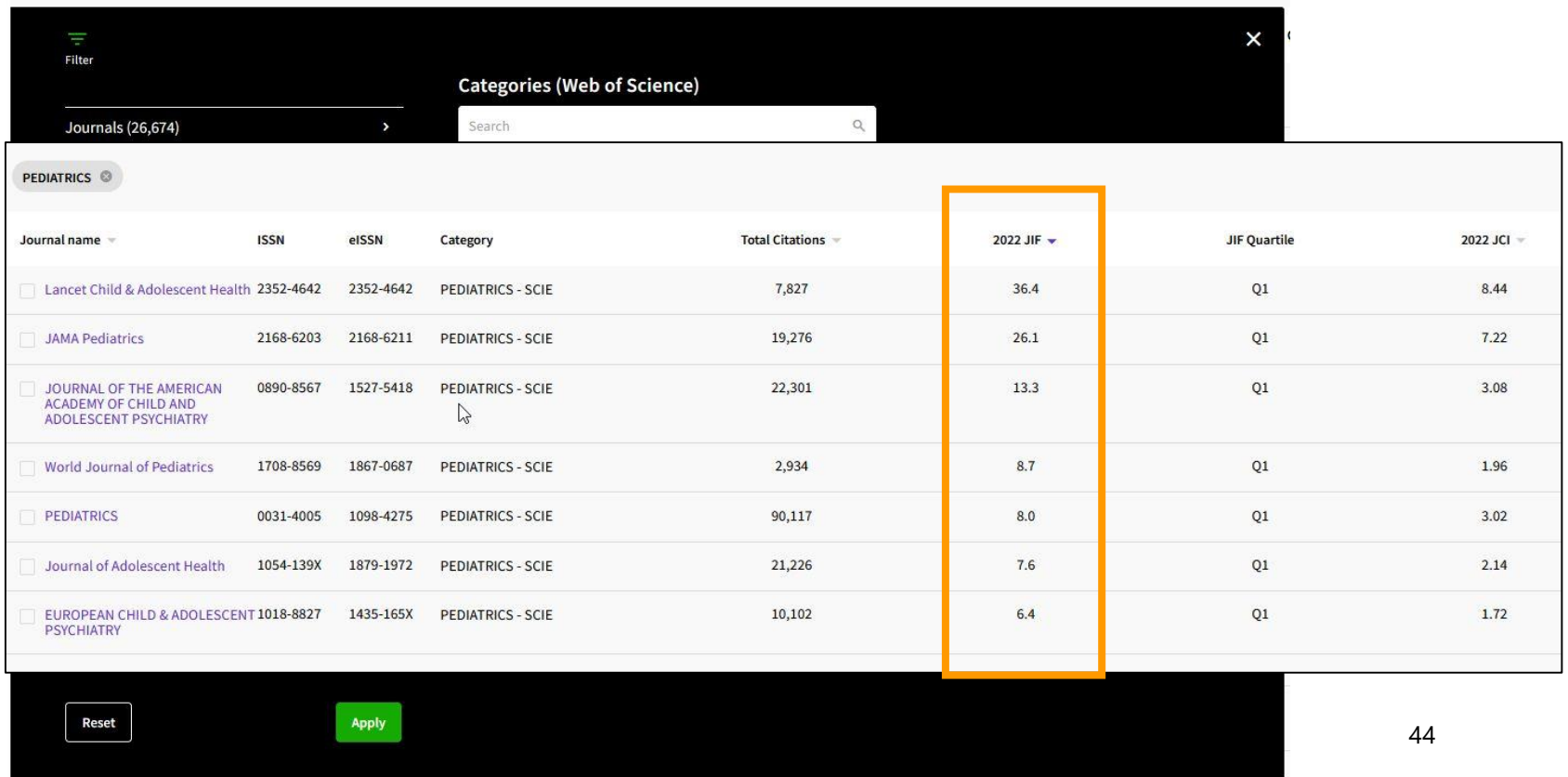
# Using the JCR

- Research the most influential journals in pediatrics.

The screenshot shows the JCR filter interface. On the left, a sidebar lists various filters: Journals (26,674), Categories (254), Publishers (8,110), Country / region (118), Citation Indexes, JCR Year, Open Access, JIF Quartile, JIF Range, and JCI Range. The 'Categories (254)' link is highlighted with an orange box. The main area is titled 'Categories (Web of Science)' and contains a search bar and a list of categories. The 'Pediatrics' category is checked and highlighted with an orange box. Other categories include Orthopedics, Otorhinolaryngology, Paleontology, Parasitology, Pathology, Peripheral Vascular Disease, Pharmacology & Pharmacy, Philosophy, Physics, Applied, Physics, Atomic, Molecular & Chemical, and Physics, Condensed Matter. At the bottom, there are 'Reset' and 'Apply' buttons.

# Using the JCR

- Research the most influential journals in pediatrics.



The screenshot displays the 'Categories (Web of Science)' interface for 'PEDIATRICS'. It shows a list of journals with columns for Journal name, ISSN, eISSN, Category, Total Citations, 2022 JIF, JIF Quartile, and 2022 JCI. The 2022 JIF column is highlighted with an orange box.

Journal name	ISSN	eISSN	Category	Total Citations	2022 JIF	JIF Quartile	2022 JCI
<input type="checkbox"/> Lancet Child & Adolescent Health	2352-4642	2352-4642	PEDIATRICS - SCIE	7,827	36.4	Q1	8.44
<input type="checkbox"/> JAMA Pediatrics	2168-6203	2168-6211	PEDIATRICS - SCIE	19,276	26.1	Q1	7.22
<input type="checkbox"/> JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY	0890-8567	1527-5418	PEDIATRICS - SCIE	22,301	13.3	Q1	3.08
<input type="checkbox"/> World Journal of Pediatrics	1708-8569	1867-0687	PEDIATRICS - SCIE	2,934	8.7	Q1	1.96
<input type="checkbox"/> PEDIATRICS	0031-4005	1098-4275	PEDIATRICS - SCIE	90,117	8.0	Q1	3.02
<input type="checkbox"/> Journal of Adolescent Health	1054-139X	1879-1972	PEDIATRICS - SCIE	21,226	7.6	Q1	2.14
<input type="checkbox"/> EUROPEAN CHILD & ADOLESCENT PSYCHIATRY	1018-8827	1435-165X	PEDIATRICS - SCIE	10,102	6.4	Q1	1.72

Buttons: Reset, Apply


# Using the JCR

- Change of IF

Browse journals > Journal profile

JCR YEAR  
2020

## JAMA Pediatrics

 [View title change](#)

ISSN  
**2168-6203**

EISSN  
**2168-6211**

JCR ABBREVIATION  
**JAMA PEDIATR**

ISO ABBREVIATION  
**JAMA Pediatr.**

### Journal information

EDITION  
Science Citation Index Expanded (SCIE)

CATEGORY  
PEDIATRICS - SCIE

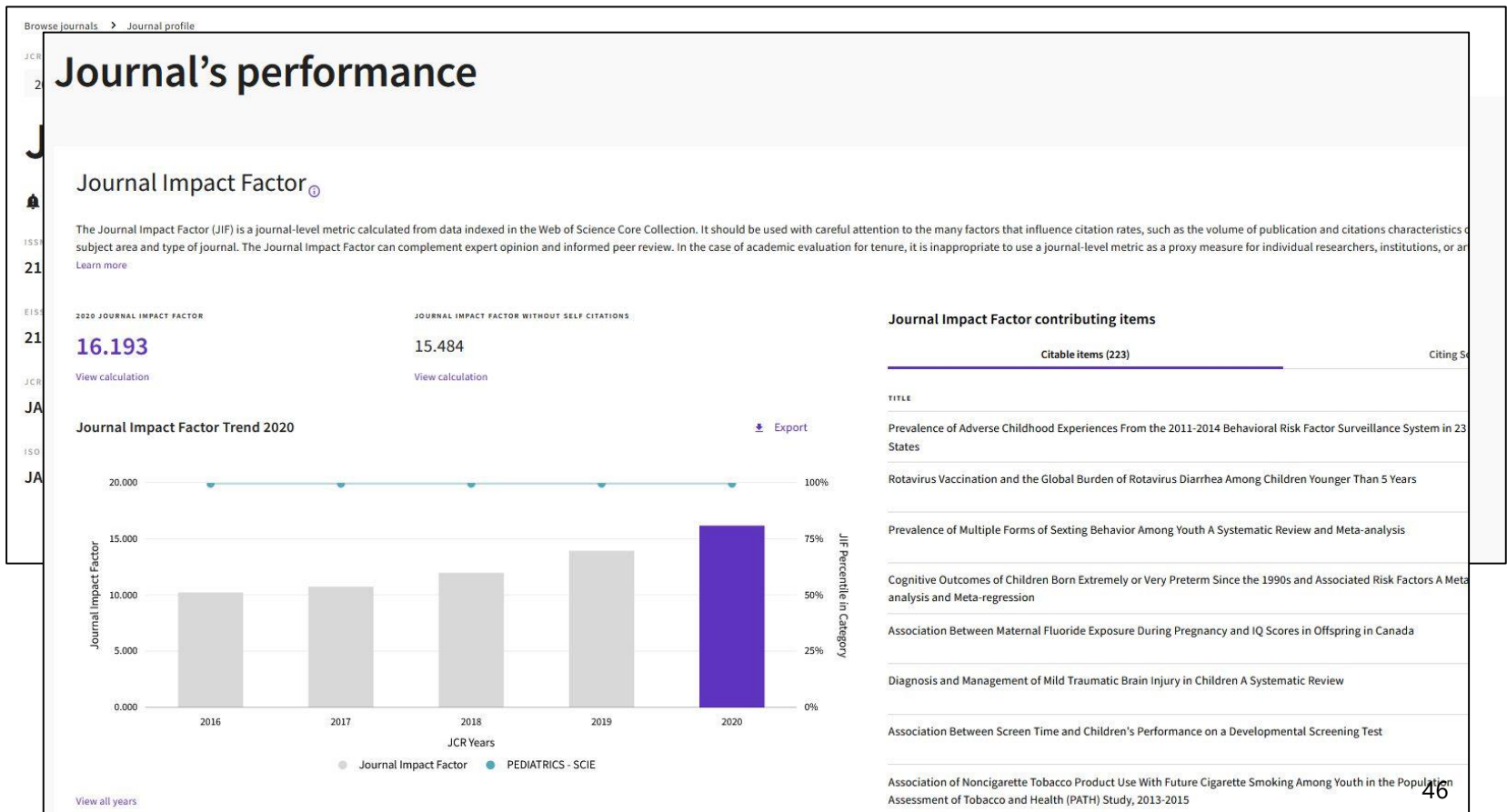
LANGUAGES English	REGION USA	1ST ELECTRONIC JCR YEAR 2013
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### Publisher information

PUBLISHER AMER MEDICAL ASSOC	ADDRESS 330 N WABASH AVE, STE 39300, CHICAGO, IL 60611-5885	PUBLICATION FREQUENCY 12 issues/year
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# Using the JCR

- Change of JIF



# Summary

- Use the Web of Science
  - Multi-functional database with citation network
  - Contains selected journals in all fields
  - There is no thesaurus, so be careful with search terms.
  - Use functions for different stages and scenes of research.
- Find out the Journal Impact Factor.
  - Check with WoS search results. Or search in JCR.
  - One way to evaluate a magazine. Also requires attention.

This is the last slide of “Web of Science”.

Go on the next video.

If you have questions, please send them to  
[libmed@t.mail.nagoya-u.ac.jp](mailto:libmed@t.mail.nagoya-u.ac.jp).