

Basic Training 2023 for PhD students

Web of Science

Nagoya University Graduate School of Medicine

Medical Library

Ext : 2509

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Emeritus Professor, Nagoya University

Advisor, Kishokai Medical Corporation



※As of 2021

Contents

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

Contents

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

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	All fields: About 12,000 Biomedical: About 3,800
Contents	Information on articles published in academic journals	Information on articles published in the selected top journals
Features	Thesaurus search and medical field-specific refinement	Search using a wealth of citation information

How do you use it?

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

Contents

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

Setting search conditions

Clarivate

English ▾

Products

Web of Science™

Search

Sign In ▾

Register

>I
MENU

DOCUMENTS

RESEARCHERS

Search in: Web of Science Core Collection ▾

Editions: All ▾

DOCUMENTS

CITED REFERENCES

STRUCTURE

All Fields ▾

Example: liver disease india singh

+ Add row

+ Add date range

Advanced Search

× Clear

Search

Setting search conditions

The screenshot displays a search interface with a sidebar menu on the left containing icons for a folder, clock, user, and bell. The main content area has two tabs: 'DOCUMENTS' (active) and 'RESEARCHERS'. Below the tabs, it says 'Search in: Web of Science Core Collection' and 'Editions: All'. There are three sub-tabs: 'DOCUMENTS', 'CITED REFERENCES', and 'STRUCTURE'. A search input field contains the text 'Example: liver disease india singh'. Below this, there are buttons for '+ Add row' and '+ Add date range' (highlighted with an orange box). An orange arrow points from the '+ Add date range' button to a detailed view of the date range selection interface. This detailed view shows a dropdown menu set to 'Index Date', followed by two input fields for dates in 'YYYY-MM-DD' format, separated by a 'to' label. The entire date range selection area is highlighted with an orange box. At the bottom right of the detailed view, there are 'Clear' and 'Search' buttons. A large orange text box with the text 'Setting the search range' is overlaid on the right side of the detailed view.

Setting the search range

Setting search conditions

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	
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 a search interface with two panels. The top panel has tabs for 'DOCUMENTS', 'CITED REFERENCES', and 'STRUCTURE'. Below the tabs is a search input field containing the text 'Example: liver disease india singh'. An orange callout bubble with the text 'Add search criteria' points to this input field. Below the input field are three buttons: '+ Add row' (highlighted with an orange box), '+ Add date range', and 'Advanced Search'. The bottom panel also has the same tabs. It shows a search condition builder with two rows. Each row has a dropdown menu currently set to 'All Fields' and a search input field containing 'Example: liver disease india singh'. Between the two rows is a dropdown menu for selecting a search operator, with options 'And', 'Or', and 'Not'. This dropdown is highlighted with an orange box, and an orange callout bubble with the text 'Select a search operator' points to it. At the bottom right of the bottom panel are two buttons: '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 ly
		*natal	• neo natal • peri natal
		p*natal	• p re natal • p eri natal
?	One character only	organi?ation	• organiz ation • organis ation
\$	Zero or one character	“model\$ing”	• modeling • modell ing

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

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

DOCUMENTS

AUTHORS

CITED REFERENCES

STRUCTURE

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

Q

"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](#)

7 NULink

FIND FULL TEXT

[View full text](#) ***

1 Citation

10 References

[Related records](#)

19

Results

Get the full text

Click to add to your Marked List

The screenshot shows a research article interface. At the top, there is a navigation bar with several buttons: 'NULink FIND FULL TEXT' (highlighted with an orange box and a callout), 'Free Full Text From Publisher', 'Full Text Links' with a dropdown arrow, a blue icon, 'Export' with a dropdown arrow, and 'Add To Marked List' (highlighted with an orange callout). Below the navigation bar, the article title 'Induction of pluripotent stem cells from mouse' is visible. Underneath the title is a blue button labeled 'Associated Data'. The author information 'By: Takahashi, K (Takahashi, Kazutoshi) ; Yamanaka, S (Yamanaka, Shinya)' is displayed, followed by a link to 'View Web of Science ResearcherID and ORCID (provided by)'. The journal information 'CELL' is shown, along with 'Volume: 126 Issue: 4 Page: 663-676', 'DOI: 10.1016/j.cell.2006.07.024', 'Published: AUG 25 2006', and 'Document Type: Article'. The 'Abstract' section begins with '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.' On the right side, there is a sidebar with 'All Citation' (16,754 In A, + See more) and 'Cited Refere' (50, View Related). A large orange callout box is overlaid on the right side of the article, containing a list of actions: 'Save in reference management tool', 'Print or email', and 'Save text'.

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

Advanced Search Query Builder

Add terms to the query preview

All Fields

Example: liver disease india singh

Add to query

More options

Search by combining histories

Search Help

Query Preview

AND, OR, NOT

Field Tags:

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

+ Add date range

X Clear

Search

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

PUBL=Publisher

ALL=All Fields

FPY=Final publication year

Session Queries

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

2/2

Combine Sets

Export

Clear History

2

transplantation (Topic)

568,774

Add to query

1

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

24,702

Add to query

21

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](#)

Document Types

☐ Articles

☐ Review Articles

☐ Meeting Abstracts

☐ Book Chapters

☐ Editorial Materials

[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
[FIND FULL TEXT](#) [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 gen
[FIND FULL TEXT](#) [Free Full Text](#)

☐ Article 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

[FIND FULL TEXT](#) [Full Text at Pu](#)

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

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

Contents

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

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, K

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 fibroblast reprogramming.

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 somatic cells can induce pluripotency in mouse and human 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

Background: Highest first

Basis: Highest first

Support: Highest first

Differ: Highest first

Discuss: Highest first

17,192
Citations

50
References

Related records ?

13,603
Citations

30
References

24

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の多い論文の著者（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...



☐ 0/21,229

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Relevance ▾

< 1 of 425 >

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☐ 🔥 Hot Papers 4

☐ 📄 Review Articles 3,472

☐ ⌚ Early Access 132

☐ 🔒 Open Access 13,421

☐ 🗄️ Associated Data 1,091

☐ 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

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

 Associated Data

By: Takahashi, K (Takahashi, Kazutoshi); Yamanaka, K (Yamanaka, Kazutoshi)

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

CELL

Volume: 126 Issue: 4 Page: 663-676

DOI: 10.1016/j.cell.2006.07.024

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 ES cell culture conditions. Unexpectedly, Nanog was dispensable. These cells (termed **pluripotent stem**) cells, exhibit the morphology and growth properties of ES cells. Subcutaneous transplantation of **iPS cells** into nude mice resulted in tumors containing all three germ layers. Following injection into blastocysts, **iPS cells** contributed to mouse embryonic development. These results indicate that pluripotent stem cells can be directly generated from fibroblast cultures by the

Keywords

Keywords Plus: TRANSCRIPTION FACTOR KLF4; SELF-RENEWAL; C-MYC; SOMATOTROPIC; BETA-CATENIN; DIFFERENTIATION; EXPRESSION; NANOG

[Author Information](#)

Citations

Number of records that cited current one

Cited References

Number of references that current record cites

Related Records

List of papers that cite the same references

Citation Network

In Web of Science Core Collection

17,192
Citations

 [Create citation alert](#)

19,052

Times Cited in All
Databases

[+ See more
times cited](#)

50

Cited References
[View Related
Records](#)

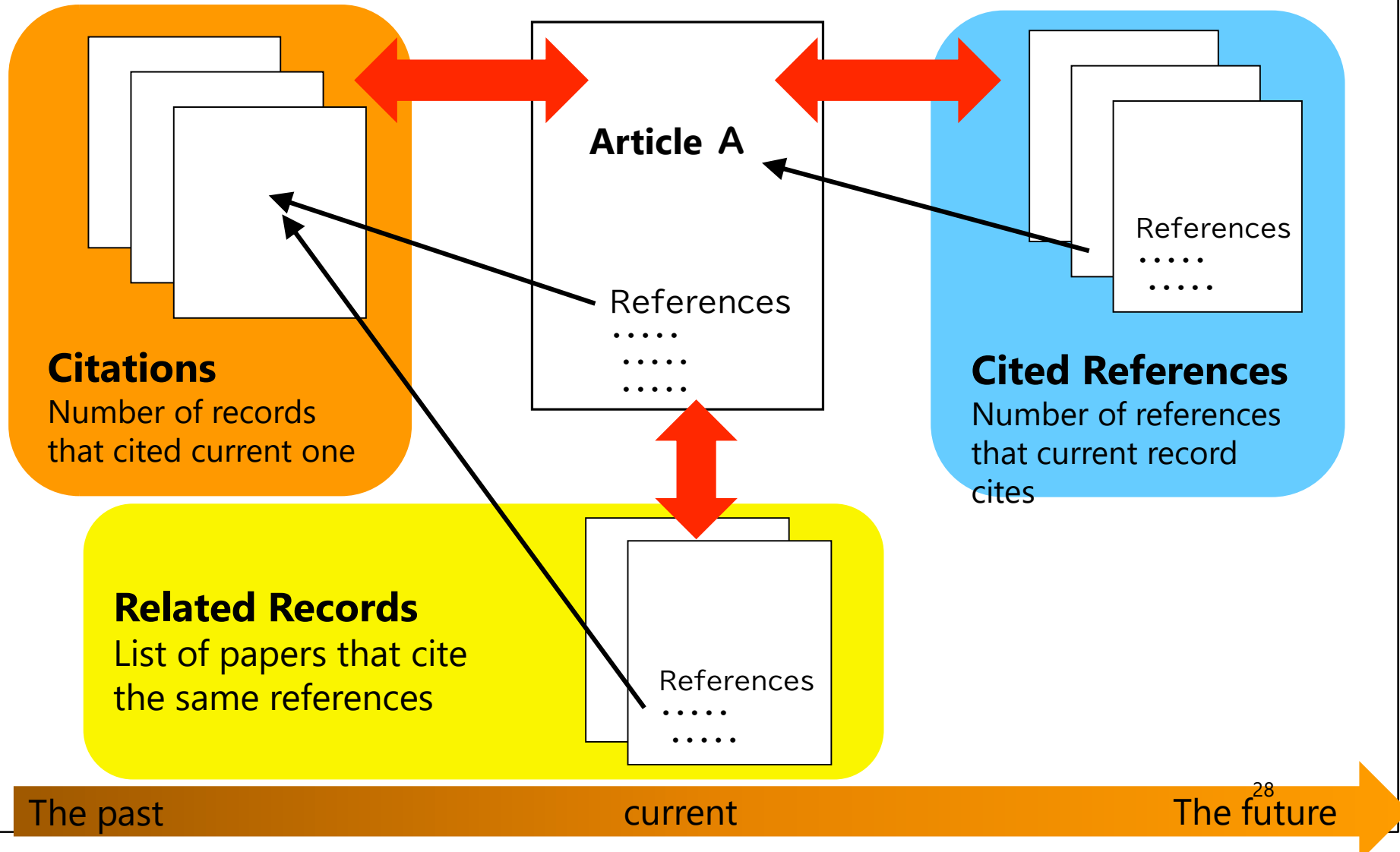
Citing items by classification [New](#)

Breakdown of how this article has been mentioned, based on available

Differ

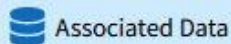
27

Understand the research process



Monitor the latest research

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



By: Takahashi, K (Takahashi, Kazuo)

[View Web of Science Research](#)

CELL

Volume: 126 Issue: 4 Page: 6

DOI: 10.1016/j.cell.2006.07.024

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 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.

Keywords

Keywords Plus: TRANSCRIPTION FACTOR KLF4; SELF-RENEWAL; C-MYC; SOMATIC-CELLS; ES CELLS; TUMOR-SUPPRESSOR; BETA-CATENIN; DIFFERENTIATION; EXPRESSION; NANOG

Author Information

Keep up to date with information that matters to you by setting up search and citation alerts.

Citation Network

In Web of Science Core Collection

17,192

Citations

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19,052

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Databases

[+ See more
times cited](#)

50

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Citing items by classification

New

Breakdown of how this article has been mentioned, based on available citation context data and snippets from 722 citing item(s).

Background 533

Basis 75

Support 6

Differ 1

29

Monitor the latest research

Search result ↓

22,428 results from Web of Science Core Collection for:

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

🔗 Copy query link

Analyze Results Citation Report **Create Alert**

"History" ↓

Automatic search and notification of results (account required)

>| MENU

📁

🕒

👤

🔔

Type	Search Query and Results	Database	Results	Actions
Current session Export ▾				
<input type="checkbox"/> Document	Takahashi and Yamanaka 2006, Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors 2:40 PM	Web of Science Core Collection		🔗
<input type="checkbox"/> Search	"ips cell*"OR"induced pluripotent stem cell*" (All Fields) 2:31 PM	Web of Science Core Collection	26,120 Show editions ▾	🔗 🔔 ✎

30

Analyze research trends

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

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- ☐ ⌚ Early Access 132
- ☐ 🔓 Open Access 13,421
- ☐ 🗄️ Associated Data 1,091

☐ 0/21,229

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< 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

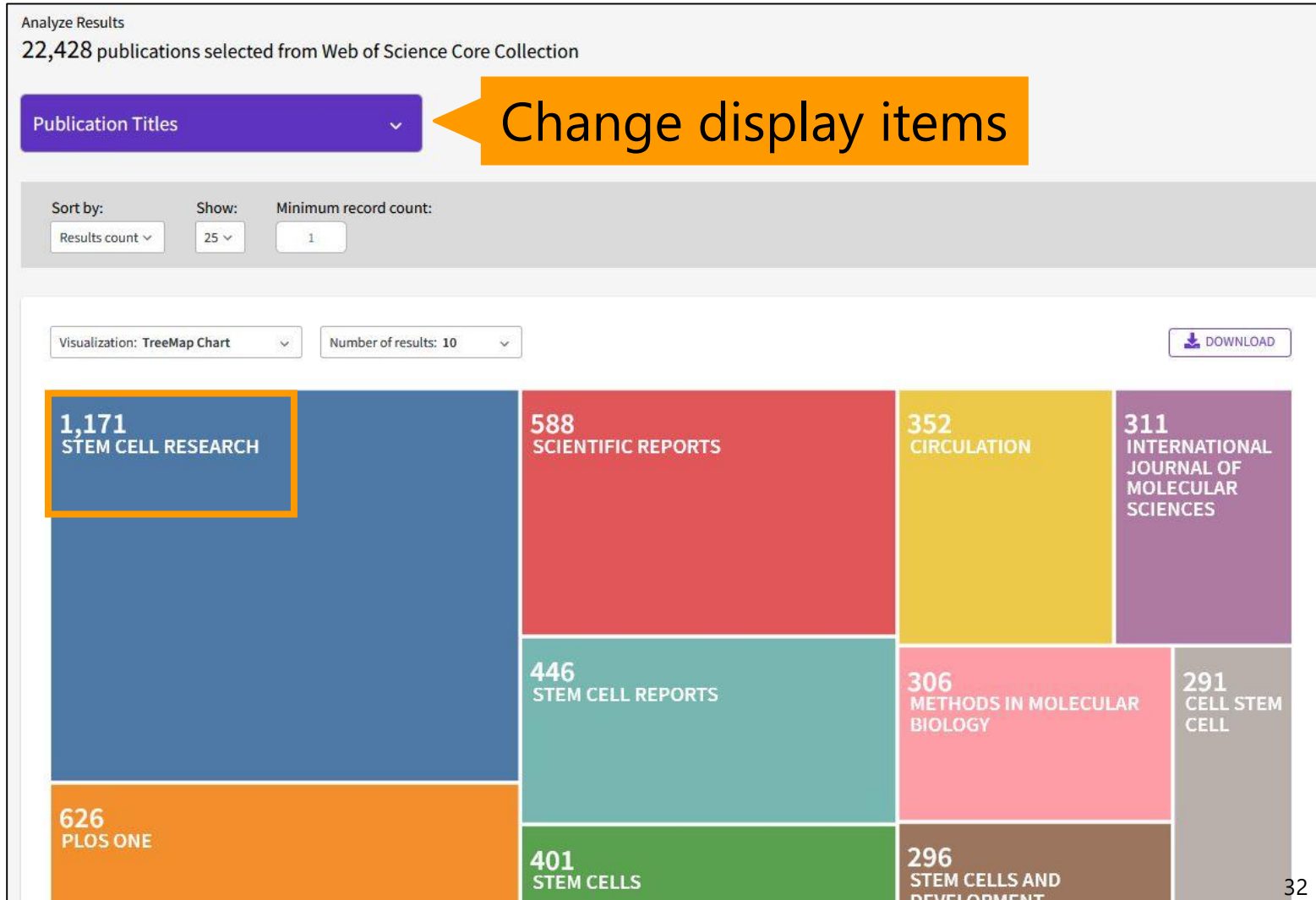
Citation

10

References

[Related records](#)

Analyze research trends



Contents

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

What is Impact Factor (IF)?

- **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

- From the search results screen or the articles details screen

Journal information

CELL

ISSN: 0092-8674
eISSN: 1097-4172
Current Publisher: CELL PRESS, 50 HAMPS
Table of Contents: [Current Contents Con](#)
Journal Impact Factor: [Journal Citation Re](#)
Research Areas: Biochemistry & Molecular
Web of Science Categories: Biochemistry

× CLOSE JOURNAL INFORMATION

CELL

PublisherName: CELL PRESS

Journal Impact Factor™

2021	Five Year
66.85	59.901

JCR Category	Category Rank	Category Quartile
BIOCHEMISTRY & MOLECULAR BIOLOGY <i>in SCIE edition</i>	2/297	Q1
CELL BIOLOGY <i>in SCIE edition</i>	3/195	Q1

Source: Journal Citation Reports 2021. [Learn more](#)

Journal Citation Indicator™ New

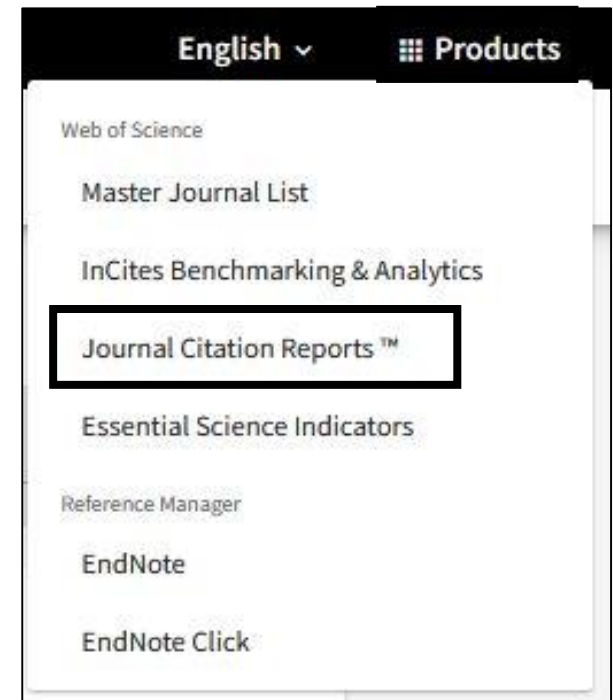
2021	2020
8.92	7.09

66.85
Journal Impact
Factor™ (2021)

8.92
New Journal Citation
Indicator™ (2021)

Using the JCR

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





Using the JCR

[Browse journals](#) [Browse categories](#)

The world's leading journals

Search by journal name, ISSN, etc.






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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

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region

Copy query link Export

Indicators: Default Customize

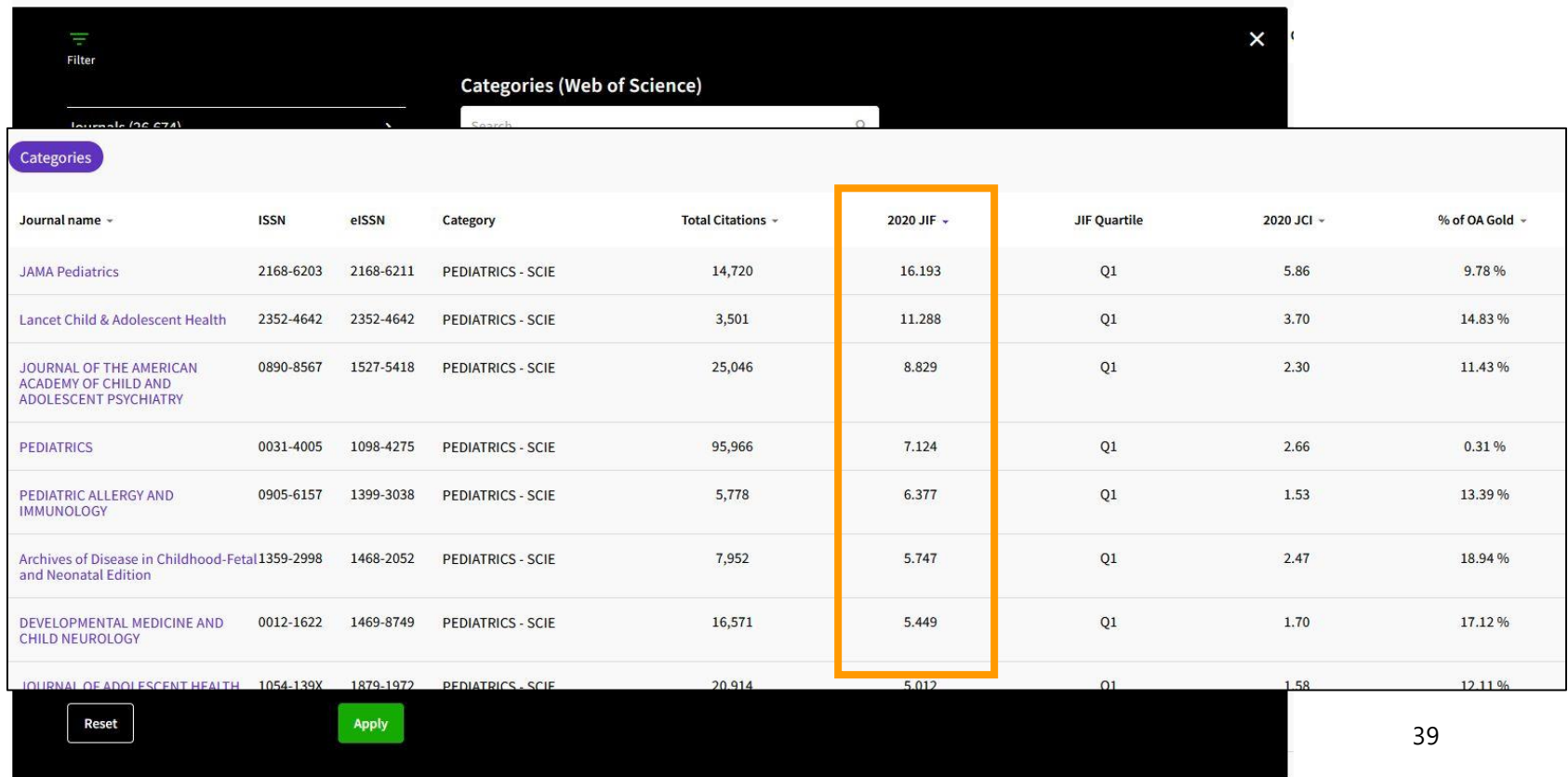
Filter

	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

38 1.69 %

Using the JCR

- Research the most influential journals in pediatrics.

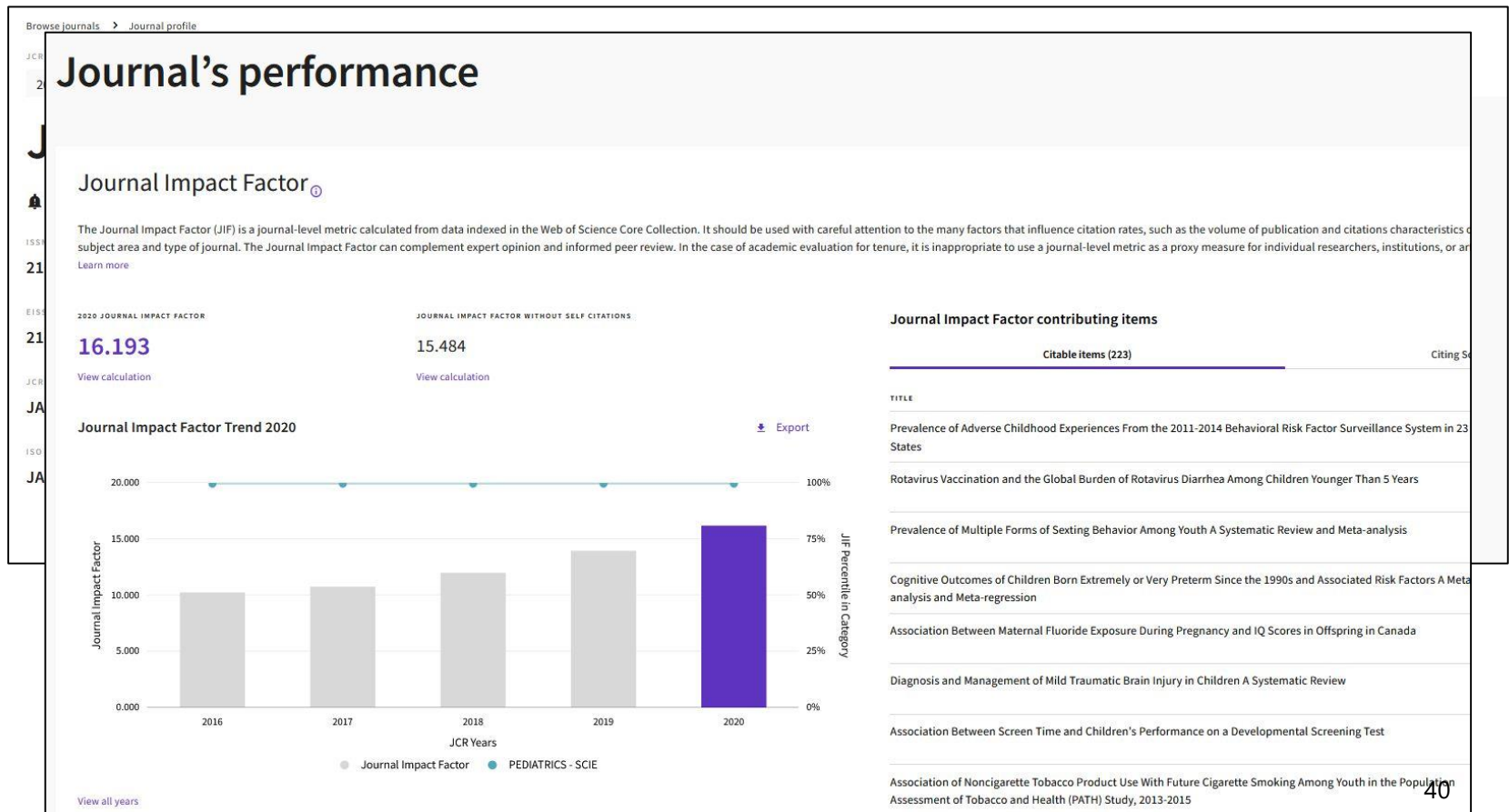


The screenshot displays the 'Categories (Web of Science)' interface. A table lists various journals in the 'PEDIATRICS - SCIE' category. The '2020 JIF' column is highlighted with an orange box. The table includes columns for Journal name, ISSN, eISSN, Category, Total Citations, 2020 JIF, JIF Quartile, 2020 JCI, and % of OA Gold.

Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF	JIF Quartile	2020 JCI	% of OA Gold
JAMA Pediatrics	2168-6203	2168-6211	PEDIATRICS - SCIE	14,720	16.193	Q1	5.86	9.78 %
Lancet Child & Adolescent Health	2352-4642	2352-4642	PEDIATRICS - SCIE	3,501	11.288	Q1	3.70	14.83 %
JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY	0890-8567	1527-5418	PEDIATRICS - SCIE	25,046	8.829	Q1	2.30	11.43 %
PEDIATRICS	0031-4005	1098-4275	PEDIATRICS - SCIE	95,966	7.124	Q1	2.66	0.31 %
PEDIATRIC ALLERGY AND IMMUNOLOGY	0905-6157	1399-3038	PEDIATRICS - SCIE	5,778	6.377	Q1	1.53	13.39 %
Archives of Disease in Childhood-Fetal and Neonatal Edition	1359-2998	1468-2052	PEDIATRICS - SCIE	7,952	5.747	Q1	2.47	18.94 %
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY	0012-1622	1469-8749	PEDIATRICS - SCIE	16,571	5.449	Q1	1.70	17.12 %
JOURNAL OF ADOLESCENT HEALTH	1054-139X	1879-1972	PEDIATRICS - SCIE	20,914	5.012	Q1	1.58	12.11 %

Using the JCR

- Change of IF



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 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
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