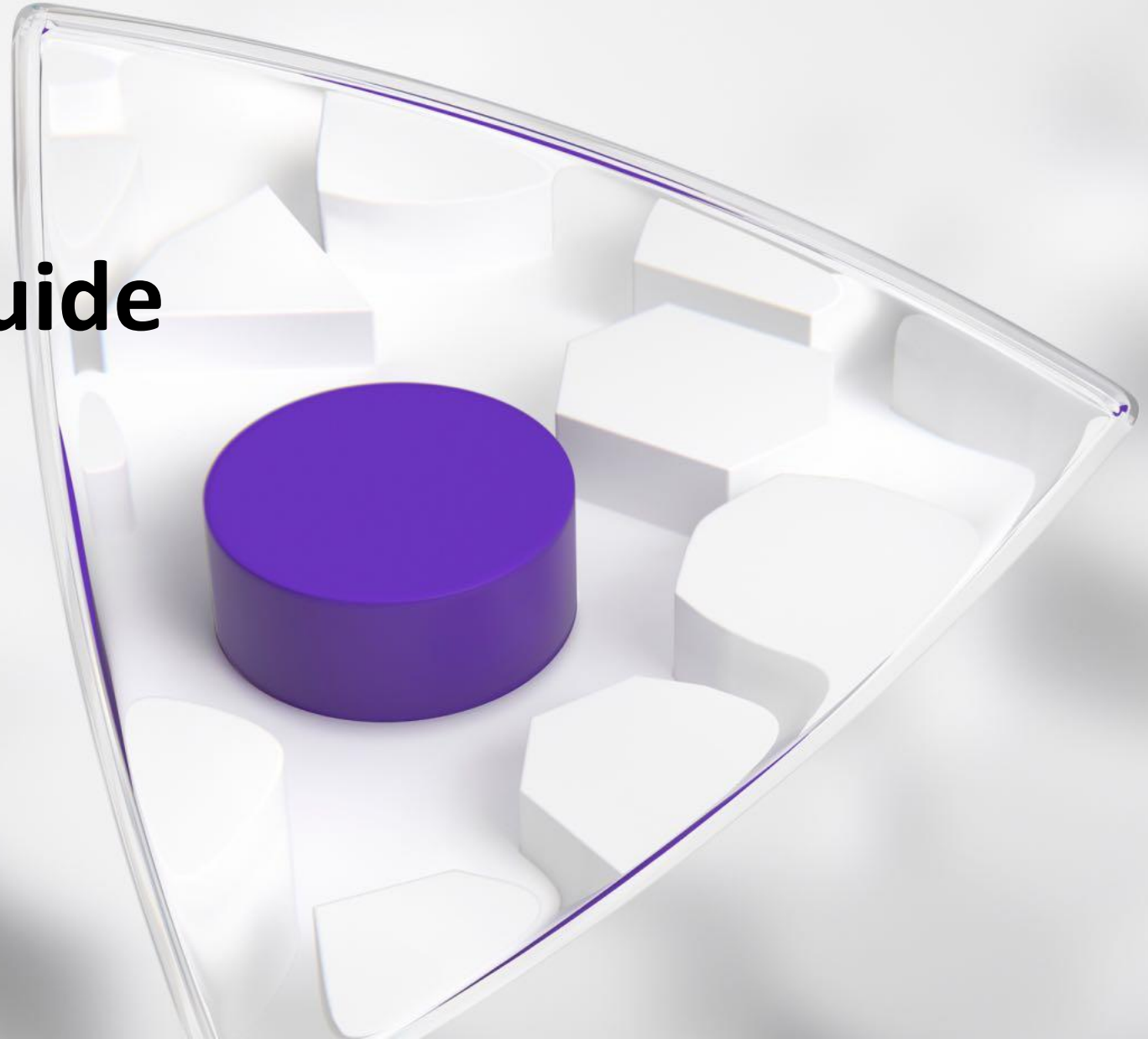


New JCR User Guide



목차

1. Journal Citation Reports 소개
2. New JCR 활용하기
 - JCR 등록하기
 - New JCR 첫화면
 - Browse Journals
3. JCR 주요 Indicator
 - 2020 Journal Impact Factor
 - JCR의 주요 저널 평가 지표
 - New Indicator – Journal Citation Indicator (JCI)
4. Guided Tours 활용하기
5. 기타
 - Classic JCR로 접속하기

Journal Citation Reports (JCR) 소개

Journal Citation Reports(JCR)이란?

JCR은 저널의 성과를 비교/분석할 수 있는 데이터베이스로 Web of Science의 핵심 컬렉션의 인용데이터를 기반으로 하고 있음

- Journal Impact Factor(JIF)를 포함한 저널의 고유의 평가지수를 활용하여 저널 분석
- 매년 새로운 버전의 JCR을 발표
- JCR에 포함된 색인
 - SCIE (Science Citation Index Expanded)
 - SSCI (Social Sciences Citation Index)
 - AHCI (Arts & Humanities Citation Index)
 - ESCI (Emerging Source Citation Index)

2021 New JCR에 추가된 색인



New JCR 활용하기

JCR 등록하기

The screenshot shows the top navigation bar with "Journal Citation Reports" and "Browse journals" on the left, and "Sign In" and "Register" buttons on the right. A green line connects the "Register" button to a callout box. The main banner features the text "The world's leading journals and publisher-neutral data" and a search bar with the placeholder "Type journal name, ISSN, eISSN, category or a keyword". Below the search bar is a section titled "Already have a manuscript?" with a subtext "Find relevant, reputable journals for potential publication of your research using Manuscript matcher." and a "Match my manuscript" button.

Journal Citation Reports Browse journals Sign In Register

The world's leading journals and publisher-neutral data

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

Email로 JCR 등록

- Clarivate의 제품은 하나의 아이디로 로그인 가능하며, Web of Science, EndNote, Publons, InCites의 아이디로 로그인

New JCR 첫 화면

Journal Citation Reports Browse journals

JCR 등록/ 로그인

Sign In

Register

The world's leading journals and publisher-neutral data

저널 검색
▪ 저널명, ISSN, Category 검색

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



Browse journals
▪ Journal Impact Factor를 포함한
평가지표 등 저널의 자세한 정보
검색

Already have a manuscript?
Find relevant, reputable journals for potential publication of your research using Manuscript matcher.

Match my manuscript

Match my manuscript
▪ 작성된 Manuscript의 제목과
초록을 활용하여 투고할 저널
매칭

Manuscript Matcher

Manuscript Matcher helps you find the most related journals for your manuscript. It works best when your title has at least 10 words and your abstract has at least 100 words. Using this information, it will pull the most relevant keywords for matching.

Please enter your manuscript information below.

Title
The manuscript title or relevant part(s) of the title. This works best with at least 10 words.

Abstract
The manuscript abstract or relevant part(s) of the abstract. This works best with at least 100 words.

Cancel Find Journals

See full listings and refine your search

Browse journals

Browse categories
COMING SOON

Browse publishers
COMING SOON

Browse countries
COMING SOON

Browse journals

로그인 정보

soyoung.ham@clarivate.com

저널 검색

20,932 journals

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

결과내 검색

Find in table

Indicators: Default

특성별 Indicator 설정

Customize

표 다운로드

Export

필터

Filter

Indicator 설정

Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF	JIF Quartile	2020 JCI	% of OA Gold
CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4863	ONCOLOGY - SCIE	55,868	508.702	Q1	77.64	8.75 %
NATURE REVIEWS MOLECULAR CELL BIOLOGY	1471-0072	1471-0080	CELL BIOLOGY - SCIE	58,477	94.444	Q1	7.01	1.40 %
NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	MEDICINE, GENERAL & INTERNAL - SCIE			Q1	26.14	0.00 %
NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	Multiple			Q1	10.86	0.00 %
LANCET	0140-6736	1474-547X	MEDICINE, GENERAL & INTERNAL - SCIE			Q1	20.05	22.81 %
Nature Reviews Clinical Oncology	1759-4774	1759-4782	ONCOLOGY - SCIE	17,973	66.675	Q1	7.72	4.38 %

저널의 평가지표 표

Browse journals – Filter

The image shows a dark-themed user interface for filtering journals. A central 'Filter' panel lists various categories with expandable arrows. Callouts provide detailed information for several of these categories:

- Web of Science Category 검색/ 선택**: A callout for the 'Categories (Web of Science)' section, showing a search bar and a list of checkboxes for various fields like Acoustics, Agriculture, Architecture, etc.
- Index 선택**: A callout for the 'Citation Indexes' section, showing a list of checked options: Science Citation Index Expanded (SCIE), Social Science Citation Index (SSCI), Arts & Humanities Citation Index (AHCI), and Emerging Sources Citation Index (ESCI).
- 필터 리셋**: A callout for the 'Reset' button at the bottom left of the filter panel.
- 필터 적용**: A callout for the 'Apply' button at the bottom right of the filter panel.
- JIF Range**: A callout for the 'JIF Range' section, explaining that it allows users to find journals within a selected Journal Impact Factor range by selecting minimum and maximum values. It shows input fields for 'From 0.0' and 'To 100.0'.

Browse journals – Indicator 설정

Indicators: Default Customize

Indicator 설정

- 필요한 Indicator 선택

Table에 표시되는 Indicators 설정

- Default: Total Citations/ 2020 JIF/ JIF Quartile/ 2020 JCI/ % of OA Gold
- Impact
- Normalized
- Source
- Custom (이용자 설정)

Impact metrics
Metrics focused on the citation impact of the journals.

- Total Citations
- 2020 JIF
- 5 Year JIF
- JIF Without Self Cites
- Immediacy Index
- JIF Quartile

Normalized metrics
Metrics that have been adjusted mathematically to a particular context.

- 2020 JCI
- Eigenfactor
- Normalized Eigenfactor
- Article Influence Score
- Average JIF Percentile

Source metrics
Metrics based on the content of the journals.

- Citable Items
- % of Articles in Citable items
- Cited Half-Life
- Citing Half-Life
- Total Articles
- % of OA Gold

Custom Indicators 설정

Name your indicators

Save

Indicator 설정 적용 Apply

Customize 설정 후 생성 Custom

Browse journals – Journal profile

Nature Nanotechnology



Browse journals > Journal profile

JCR YEAR

2020



JCR Year 설정

- 사용자의 필요에 따라 JCR Year 설정

Nature Nanotechnology

ISSN

1748-3387

EISSN

1748-3395

JCR ABBREVIATION

NAT NANOTECHNOL

ISO ABBREVIATION

Nat. Nanotechnol.

저널 기본 정보

- 사용자의 필요에 따라 JCR Year 설정

Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

MATERIALS SCIENCE,
MULTIDISCIPLINARY - SCIE

NANOSCIENCE & NANOTECHNOLOGY -
SCIE

LANGUAGES

English

REGION

ENGLAND

1ST ELECTRONIC JCR YEAR

2006

Publisher information

PUBLISHER

NATURE RESEARCH

ADDRESS

HEIDELBERGER PLATZ 3,
BERLIN 14197, GERMANY

PUBLICATION FREQUENCY

12 issues/year

Browse journals – Journal Performance; JIF

Journal Impact Factor ^①

최근 5년 JIF/ Percentile 트렌드

- JIF 또는 각 Category 별 Percentile 선택

2020 JOURNAL IMPACT FACTOR

39.213

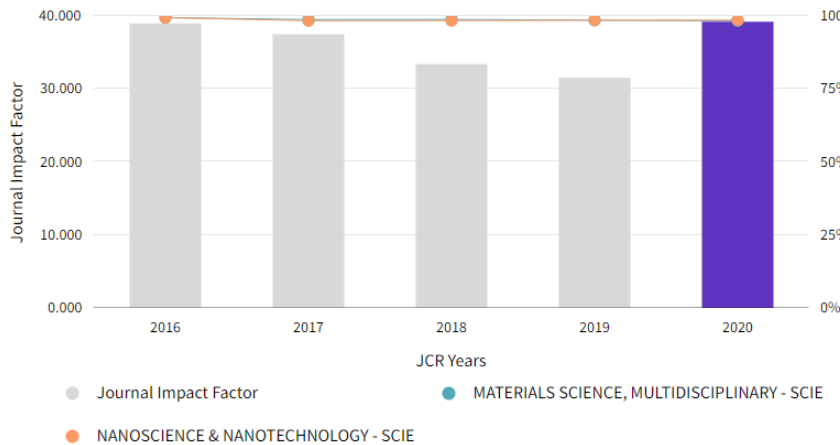
[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

38.840

[View calculation](#)

Journal Impact Factor Trend 2020



[View all years](#)

JIF 산출 데이터: Citable items, Citing Sources

Journal Impact Factor contributing items

Citable items (300)

Citing Sources (1,071)

[Export](#)

TITLE

Magnetic 2D materials and heterostructures	167	▼
Non-flammable electrolyte enables Li-metal batteries with aggressive cathode chemistries	158	▼
A broadband achromatic metalens for focusing and imaging in the visible	154	▼
Controlling magnetism in 2D CrI3 by electrostatic doping	148	▼
An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a	134	▼
um metal anodes in high-performance Li-S		▼
tic gel for post-surgical cancer treatment		▼
s transforming to thermally stable single atoms		▼

Export list as:

[CSV](#)

By exporting the selected data, you agree to the data usage policy set forth in the [Terms of Use](#)

Export list as:

[PDF](#)

By exporting the selected data, you agree to the data usage policy set forth in the [Terms of Use](#)

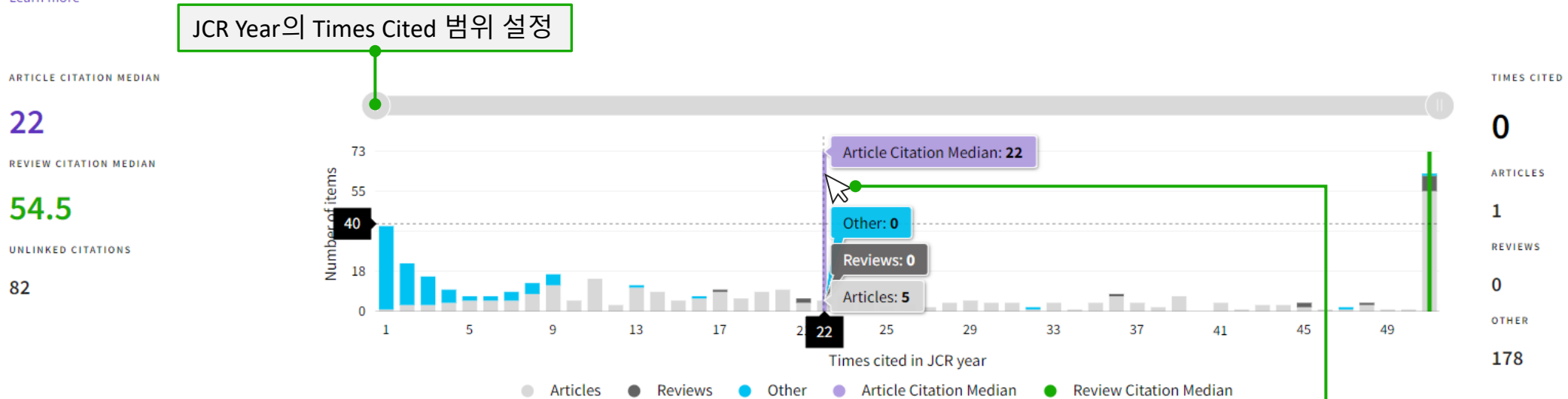
Browse journals – Journal Performance; Citation distribution

Citation distribution ⓘ

Export

The Citation Distribution shows the frequency with which items published in the year or two years prior were cited in the JCR data year (i.e., the component of the calculation of the JIF). The graph has similar functionality as the JIF Trend graph, including hover-over data descriptions for each data point, and an interactive legend where each data element's legend can be used as a toggle.

[Learn more](#)



마우스 커서를 특정 Times Cited 값에 올려 놓으면 특정값에의 문서타입별 논문수 확인

Browse journals – Journal Performance; Rank by JIF

Rank by Journal Impact Factor

Journals within a category are sorted in descending order by Journal Impact Factor (JIF) resulting in the Category Ranking below. A separate rank is shown for each category in which the journal is listed in JCR. Data for the most recent year is presented at the top of the list, with other years shown in reverse chronological order. [Learn more](#)

EDITION
Science Citation Index Expanded (SCIE)

CATEGORY
MATERIALS SCIENCE, MULTIDISCIPLINARY
6/335

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2020	6/335	Q1	98.36
2019	5/314	Q1	98.57
2018	4/293	Q1	98.81
2017	4/285	Q1	98.77
2016	2/275	Q1	99.45

EDITION
Science Citation Index Expanded (SCIE)

CATEGORY
NANOSCIENCE & NANOTECHNOLOGY
2/107

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2020	2/107	Q1	98.60
2019	2/103	Q1	98.54
2018	2/94	Q1	98.40
2017	2/92	Q1	98.37
2016	1/87	Q1	99.43

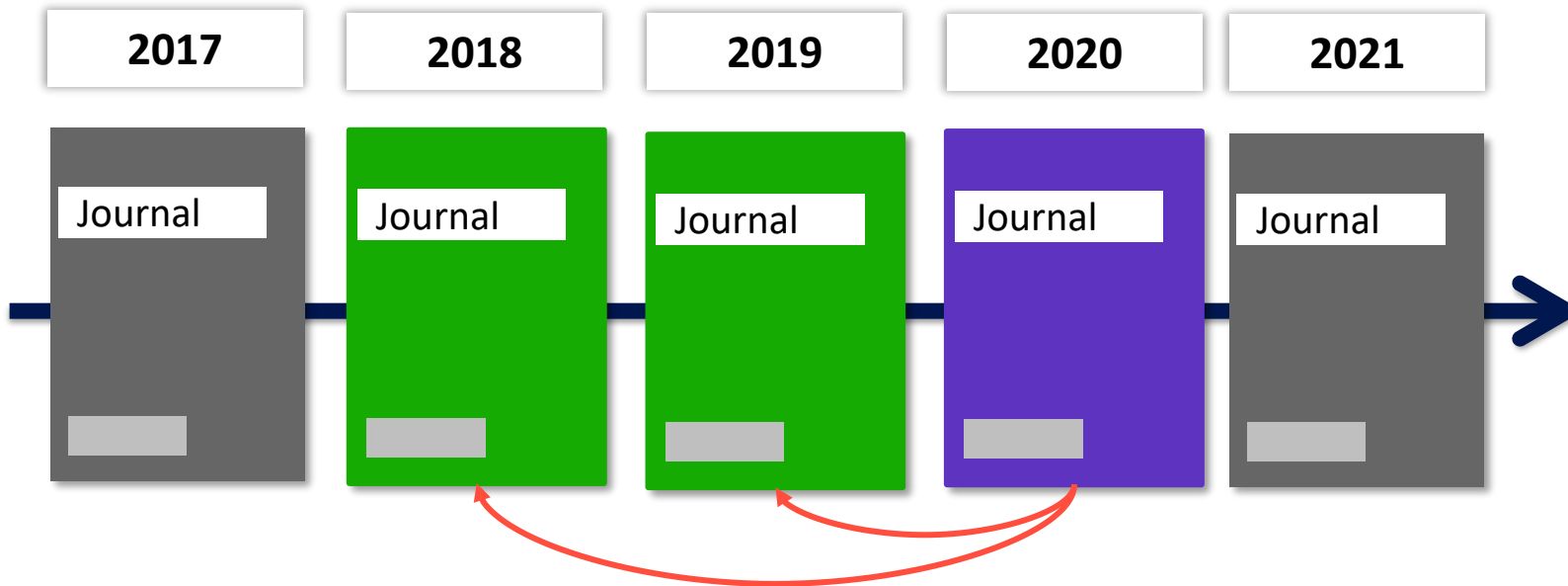
Category 별 JIF 랭킹, Quartile, JIF Percentile 확인

JCR Year 별 확인 가능

JCR 주요 Indicator

2020 Journal Impact Factor

2018년과 2019년도에 출판된 논문이 2020년도에 인용된 평균값



Journal Impact Factor Calculation

$$\text{2020 Journal Impact Factor} = \frac{90,281}{1,807} = 49.962$$

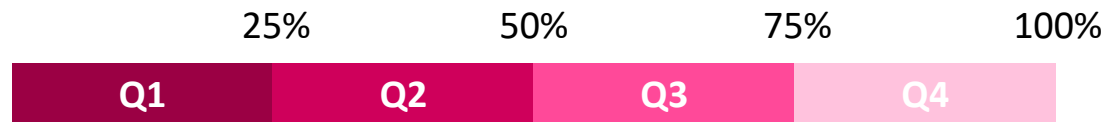
How is Journal Impact Factor Calculated?

$$\text{JIF} = \frac{\text{Citations in 2020 to items published in 2018 (49,095) + 2019 (41,186)}{90,281}}{\text{Number of citable items in 2018 (904) + 2019 (903)}{1,807}}$$

❖ SCIE (Science Citation Index Expanded)와 SSCI (Social Sciences Citation Index)에 색인된 저널에만 부여

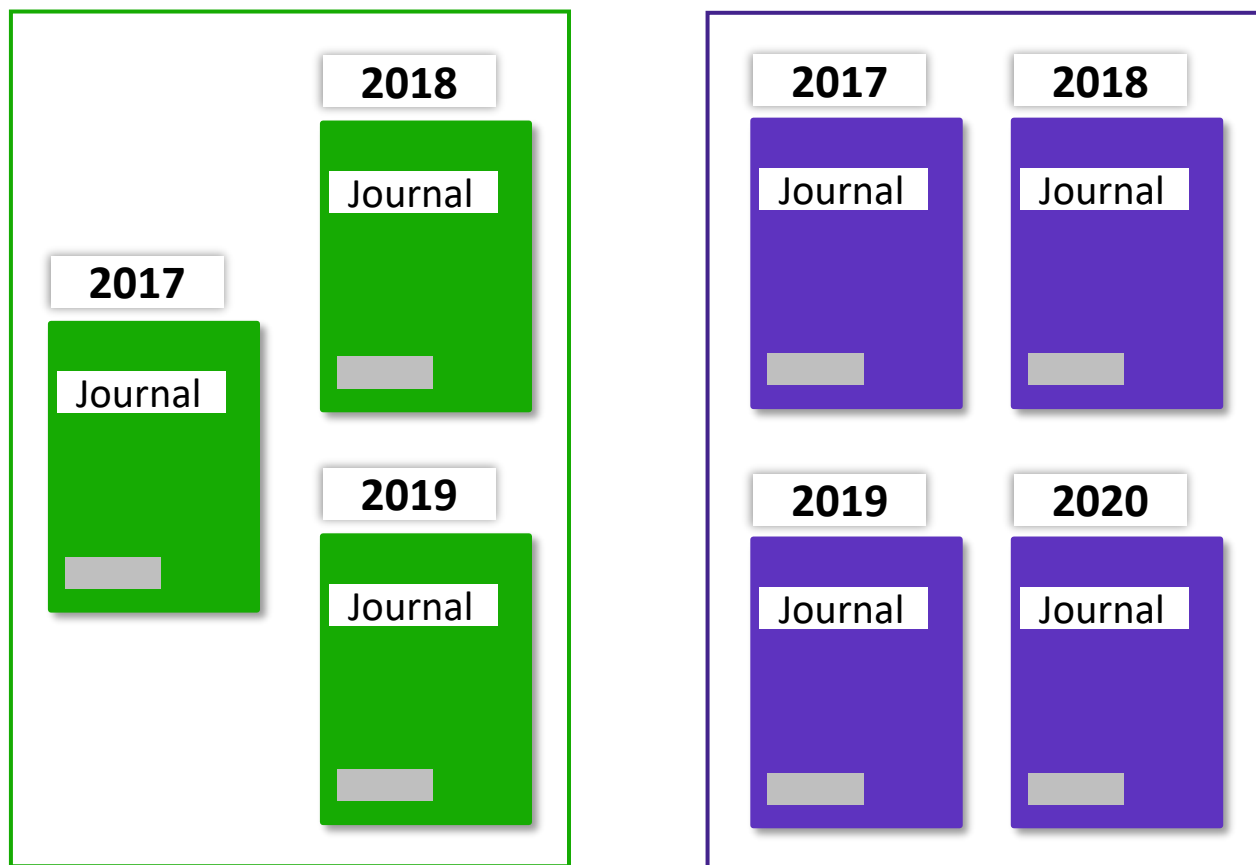
JCR의 주요 저널 평가 지표

- Eigenfactor Score: 피인용 저널의 영향력에 따라 가중치를 부여한 영향력 평가 지수
- Normalized Eigenfactor: Eigenfactor Score의 값을 Normalization한 값 (전체 평균값 1을 기준)
- Immediacy Index: 논문이 출판된 해에 인용된 평균값으로 저널이 얼마나 빠르게 인용되고 있는지를 나타내는 지수
- Quartile: Journal Impact Factor를 기준으로 Category별 사분위 값



- Percentile: Journal Impact Factor를 기준으로 Category별 백분위 값

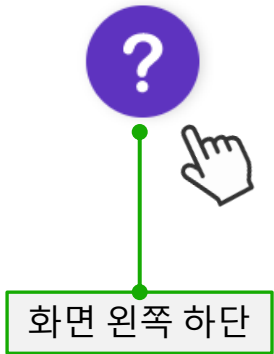
New Indicator – Journal Citation Indicator (JCI)



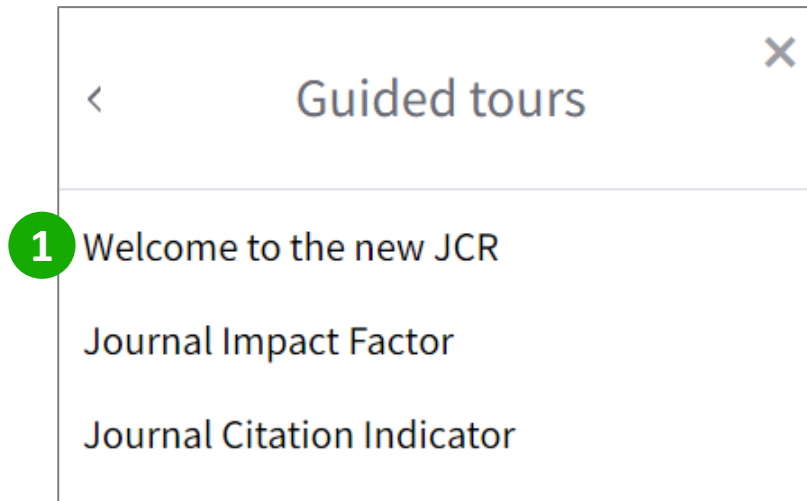
- ❑ 저널의 평균 인용수 (Citation Impact)를 Category, 출판연도, 문서형태에 따라 Normalization한 지표값
- ❑ JCR의 모든 저널 색인의 저널에 부여됨
- ❑ 2개 이상의 Category에 색인된 저널의 경우 평균값으로 1개의 JCI값이 부여됨
- ❑ 2017, 2018, 2019년도에 출판된 article과 review 형태의 논문이 2017, 2018, 2019, 2020년도에 인용된 값으로 산출됨

Guided Tours 활용하기

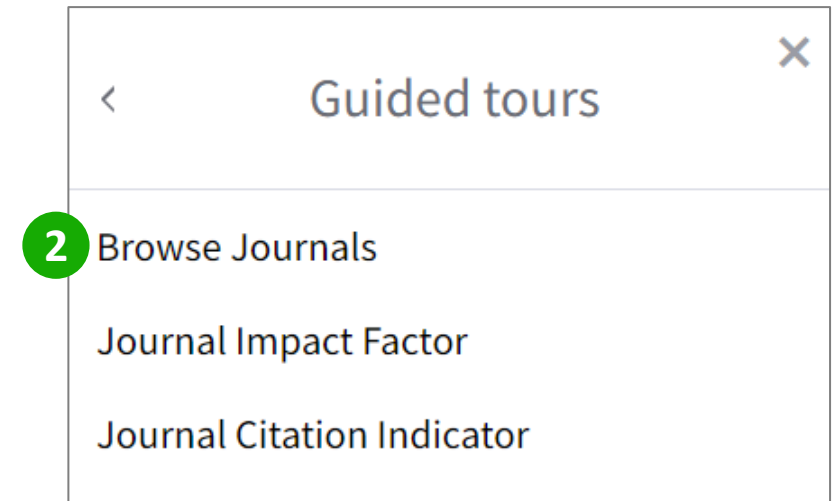
Guided Tours 활용하기



New JCR 첫화면



New JCR Browse Journals



1 Welcome to the new JCR

Welcome to the new Journal Citation Reports
We are excited to show you what is new in this year's Journal Citation Reports. You'll find:

- **More journals** - we've expanded content to include Arts & Humanities and Emerging Sources Citation Index journals
- **Journal Citation Indicator** - a new field-normalized metric for journals across all disciplines
- **Enhanced user experience** - interactive visualizations, simpler navigation and contextual help make the JCR easier to use than ever.

Let us show you around!

NO THANKS GET STARTED

Expanded search
STEP 2 OF 7
Search journal names, categories, keywords, or ISSNs to begin your search.
NEXT

More journal coverage
STEP 4 OF 7
Browse journals across all editions of Web of Science Core Collection, including:

- Science Citation Index Expanded
- Social Science Citation Index
- Arts & Humanities Citation Index
- and Emerging Sources Citation Index

BACK NEXT

Decide where to publish
STEP 3 OF 7
Use your existing manuscript combined with Clarivate's world-class data in **Manuscript Match** to find the right fit for you. Create a free account if you don't already have one.
BACK NEXT

Browse journals

Match my manuscript

COMING SOON

2 Browse Journals

WALKTHROUGH

Browse Journals

We've made some changes to the journal browsing experience. Let us show you around!

[NO THANKS](#) [GET STARTED](#)

STEP 3 OF 5

Find journals quickly in the table. Enter a journal title to locate it in the list.

[BACK](#) [NEXT](#)

STEP 4 OF 5

Customize and save

Customize which indicators you see in the table, then save them to use again.

[BACK](#) [NEXT](#)

20,932 journals

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

Export

Filter

STEP 2 OF 5

Use the filter panel to limit journals by citation index, subject category, indicator thresholds, and more.

[NEXT](#)

STEP 5 OF 5

New Journal Citation Indicator

Rank journals by this new, field-normalized metric. Journals in **all** citation indexes, including Arts & Humanities and the Emerging Sources Citation Index have a JCI value.

[BACK](#) [GOT IT, THANKS](#)

Journal Title	ISSN	eISSN	Category	Total Citations	2020 JCI	% of OA Gold
CA-A CAN CLINICIA				55,868	77.64	8.75 %
NATURE BIOLOGY				58,477	7.01	1.40 %
NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	MEDICINE, GENERAL & INTERNAL - SCIE	464,351	26.14	0.00 %
NATURE REVIEWS DRUG DISCOVERY	1474-1776	1474-1784	Multiple	41,989	10.86	0.00 %
LANCET	0140-6736	1474-547X	MEDICINE GENERAL & INTERNAL	369,601	79.321	22.81 %

Customize

기타

Classic JCR로 접속하기

The image shows a screenshot of the Clarivate website. At the top left is the Clarivate logo. At the top right is a 'Products' menu icon. Below the logo is the text 'Journal Citation Reports' and 'Browse journals'. On the right side, there is a user profile icon with the email 'soyoung.ham@clarivate.com'. A hand cursor is pointing at the 'Products' menu, which has opened a dropdown list. The list contains the following items: 'WEB OF SCIENCE', 'Web of Science', 'Master Journal List', 'Publons', 'InCites Benchmarking & Analytics', 'Journal Citation Reports™ (Classic)' (highlighted with a green border), 'Essential Science Indicators', 'REFERENCE MANAGER', 'EndNote', and 'EndNote Click'. In the center of the page, there is a large purple banner with the text 'The world's leading journals and publisher-neutral data' and a search bar. Below the banner, there is a white box with the text 'Already have a manuscript?' and 'Find relevant, reputable journals for potential publication of your research using Manuscript matcher.' and a 'Match my manuscript' button.



감사합니다.

고객지원 및 기술지원 문의

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팩스 : 02-722-8947

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