

Web of
Science
Group

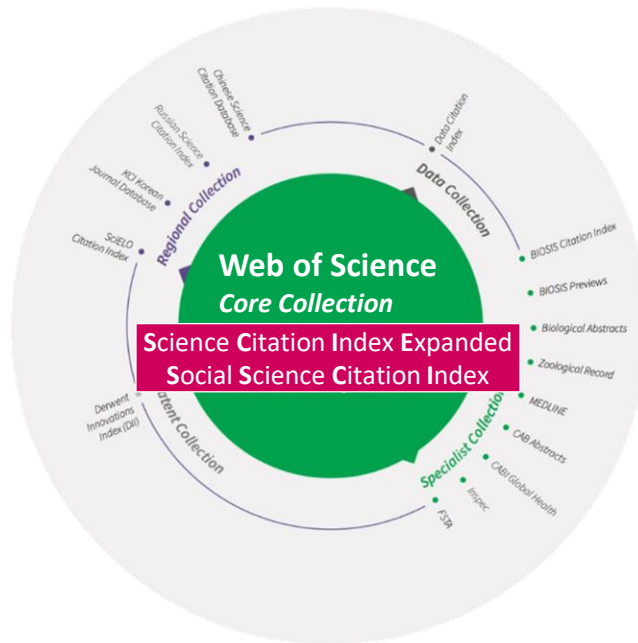
 A Clarivate Analytics company

InCites JCR 사용자 매뉴얼

목 차

1. InCites JCR (Journal Citation Reports) 소개	2
2. InCites JCR 주요 저널 평가 지수	3
3. InCites JCR Quick Overview – 기본화면	4
4. InCites JCR Quick Overview – 분석화면 (저널 별 분석)	5
5. InCites JCR Quick Overview – 분석화면 (연구 분야 분석)	6
6. 마스터 서치: 저널명 검색하기	7
7. 저널 평가 지수 설정하기	8
8. 저널 프로필 Overview	9
1) 저널 프로필 – 저널 출판 정보	10
2) 저널 프로필 – 최근 5년 동향 확인	11
3) 저널 프로필 – 인용수 분포	12
4) 저널 프로필 – JIF 계산 자세히 보기 (1)	13
5) 저널 프로필 – JIF 계산 자세히 보기 (2)	14
6) 저널 프로필 – 주요 저널 평가 지수값	15
7) 저널 프로필 – Source data	16
8) 저널 프로필 – Rank	17
9) 저널 프로필 – Cited/Citing Journal Data	18
10) 저널 프로필 – Contributions	19
9. 모든 JCR 연도의 저널 정보 자세히 보기	20

1. InCites JCR (Journal Citation Reports)



- InCites JCR은 Web of Science Core Collection을 기반으로 하여 저널의 피인용을 기준으로 저널의 성과를 비교/분석할 수 있는 데이터베이스임
- InCites JCR은 SCIE와 SSCI의 에디션으로 구성되어 있으며, 연 1회 데이터를 업데이트하고 있음
- InCites JCR의 대표 저널평가지표는 Journal Impact Factor(JIF)이며 이 외에도 다양한 저널평가지수를 제공하고 있음
- InCites JCR은 사용자의 목적에 따라 다양한 전략 자료로 활용할 수 있음



- 같은 연구분야의 저널들 간의 비교분석을 통한 학회 운영 전략수립
- 우리 학회의 저널의 논문들의 피인용 정보를 논문단위로 확인 가능
- 커스텀 저널 리스트를 활용하여 저널의 성과 트래킹 및 트렌드 분석



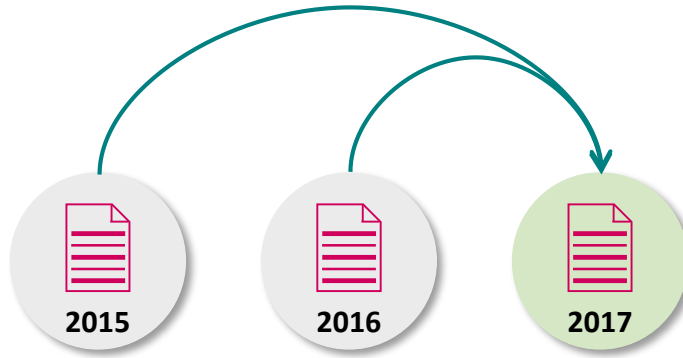
- 구독 저널의 상대적 비교분석
- 구독 저널 선택을 위한 가이드 데이터로 활용
- 기관의 학과 또는 연구자의 논문 성과를 저널을 기준으로 분석 및 관리



- 논문 발표를 위한 저널 선정의 전략 수립 기초자료로 활용
- 과제 성과 분석을 위한 논문 게재 저널 분석

2. InCites JCR 주요 저널 평가 지수

- Journal Impact Factor: JCR 연도 직전 2년 간의 출판된 논문(article, review)이 JCR 연도에 평균 인용된 횟수로 저널의 영향력을 나타내는 지표

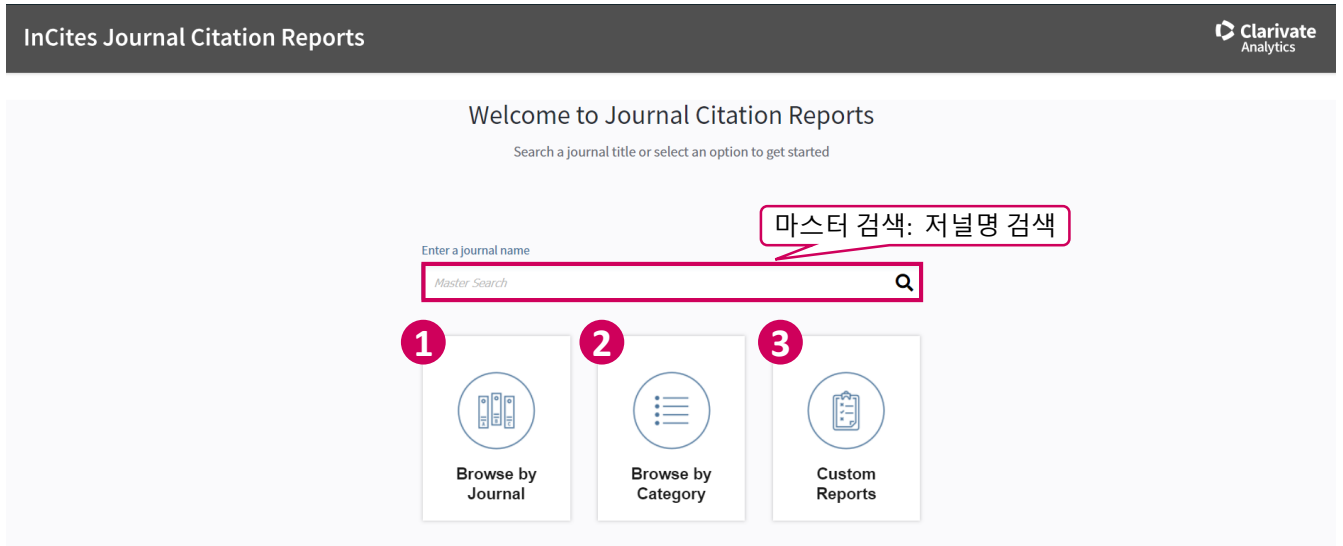


$$\text{2017 JIF} = \frac{\text{2017년도 citation 합계}}{\text{2015 + 2016 에 출판된 논문수의 합계 (citable items: articles, reviews)}}$$

- 5 Year JIF: JCR 연도 직전 5년 간의 출판물이 JCR 연도에 인용된 횟수로 저널의 영향력을 나타내는 지수
- Immediacy Index: 논문이 출판된 해에 인용된 article 평균값으로 인용의 속도를 나타내는 지수로 지수값이 높을 수록 저널에 수록된 논문이 빠르게 인용되고 있음을 의미
- Eigenfactor Score: 피인용 저널의 영향력에 따라 가중치를 부여한 저널 영향력 평가 지수
- Normalized Eigenfactor Score: Eigenfactor Score를 normalization한 지수로 평균은 1로 나타냄

3. InCites JCR Quick Overview – 기본화면

- InCites JCR 기본화면 보기



번호	항목명	설명
1	Browse by Journal (저널 별 분석)	<ul style="list-style-type: none"> ▪ JCR에 포함된 모든 저널을 저널명 또는 JCR에서 제공하는 지수를 기준으로 정렬하여 저널을 다양한 지표와 함께 분석할 수 있는 모듈
2	Browse by Category (연구분야 분석)	<ul style="list-style-type: none"> ▪ Web of Science 범주에 해당하는 연구분야 별 저널분포, Journal Impact Factor의 중간값, 평균값 등을 확인할 수 있는 모듈
3	Custom Reports (내 폴더)	<ul style="list-style-type: none"> ▪ 사용자가 자주 확인하는 저널을 저장해 비교 분석할 수 있음

4. InCites JCR Quick Overview – 분석화면 (저널 별 분석)

- 저널 별 분석화면 보기

저널명 검색으로 저널 프로필 보기

Go to Journal Profile

Master Search

Journals By Rank

Categories By Rank

Factor

Custom Reports(내 폴더)에 저널 저장하기

지수 설정

변경된 저널명 보기

View Title Changes

저널 선택

Select Journals

Select Categories

Compare Selected Journals

Add Journals to New or Existing List

Customize Indicators

저널 평가 지수

Full Journal Title

Total Cites

Journal Impact Factor

5 Year Impact Factor

Immediacy Index

Eigenfactor

1 CA-A CANCER JOURNAL FOR CLINICIANS 28,839 244.585 161.803 49.172

2 NEW ENGLAND JOURNAL OF MEDICINE 332,831 79.260 67.513 15.727

3 LANCET 233,269 53.254 52.665 13.030

4 CHEMICAL REVIEWS 174,920 52.613 55.198 12.157

5 Nature Reviews Materials 3,218 51.941 51.941 11.792

6 NATURE REVIEWS DRUG DISCOVERY 31,313 50.167 54.490 16.342

JCR 연도 선택

에디션 선택

SCIE SSCI

Open Access

Open Access

Category Schema

Web of Science

연구 분야 Schema 선택

JIF 사분위 선택

저널명

저널 평가 지수값

JIF 범위 설정

JIF 백분위 범위 설정

Clear Submit

5. InCites JCR Quick Overview – 분석화면 (연구분야 분석)

- 연구분야 별 분석화면 보기

저널명 분석
연구분야 분석

Journals By Rank
Categories By Rank

Go to Journal Profile

Master Search

All Journal Categories ranked by Number of Journals

Customize Indicators

	Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ECONOMICS	SSCI	353	905,730	1.112	1.766
2	MATHEMATICS	SCIE	310	494,556	0.704	0.855
3	BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	293	3,625,819	2.906	4.281
4	MATERIALS SCIENCE, MULTIDISCIPLINARY	SCIE	285	3,451,318	2.008	4.641
5	NEUROSCIENCES	SCIE	261	2,346,383	3.047	4.015
5	PHARMACOLOGY & PHARMACY	SCIE	261	1,571,415	2.481	3.148
7	ENGINEERING, ELECTRICAL & ELECTRONIC	SCIE	260	1,636,339	1.820	2.723
8	MATHEMATICS, APPLIED	SCIE	252	538,241	0.972	1.299
9	ENVIRONMENTAL SCIENCES	SCIE	242	1,893,304	2.071	3.488
10	EDUCATION & EDUCATIONAL RESEARCH	SSCI	239	346,922	1.333	1.542
11	ONCOLOGY	SCIE	223	1,931,396	3.193	4.600
11	PLANT SCIENCES	SCIE	223	1,059,601	1.419	2.683
13	MANAGEMENT	SSCI	210	707,972	1.866	2.631

연구분야

연구분야를 클릭하면, 해당 연구분야의 트렌드 확인

Economics
Economics covers resources on all aspects, both theoretical and applied, of the production, distribution, and consumption of goods and services. These include generalist as well as specialist resources, such as political economy, agricultural economics, macroeconomics, microeconomics, econometrics, trade, and planning.

Year	Edition	# Journals	Articles	Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-Life	Aggregate Citing Half-Life
2017	SSCI	353	19,570	905,730	1.112	1.766	0.435	>10.0	9.7
2016	SSCI	347	17,838	722,250	0.931	1.490	0.312	>10.0	9.0
2015	SSCI	345	17,994	608,521	0.820	1.320	0.268	>10.0	8.6
2014	SSCI	333	17,305	549,769					
2013	SSCI	333	17,339	502,966					
2012	SSCI	333	16,402	450,187					
2011	SSCI	321	15,327	401,962					
2010	SSCI	305	14,403	380,146					
2009	SSCI	247	11,856	367,897					
2008	SSCI	209	10,724	274,274					
2007	SSCI	191	9,255	207,852					
2006	SSCI	175	8,278	183,801					
2005	SSCI	175	7,691	161,856					
2004	SSCI	172	7,490	148,130					
2003	SSCI	169	7,192	138,380					
2002	SSCI	166	Not Available	Not Available					
2001	SSCI	165	Not Available	Not Available					

Category Box Plot

The Impact Factor box plot depicts the distribution of impact factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q3). The horizontal line that forms the bottom is the 25th percentile (Q1). The horizontal line that intersects the box is the median impact factor for the category.

Horizontal lines above and below the box, called whiskers, represent maximum and minimum values. The top whisker is the smaller of the following two values: the maximum impact factor (IF) $Q_3 - IF + 3 \cdot (Q_3 - Q_1) / IF$

The bottom whisker is the larger of the following two values: the minimum impact factor (IF) $Q_1 - IF - 3 \cdot (Q_3 - Q_1) / IF$

분야별 저널 수

저널 수 클릭시, 해당 연구 분야의 저널 목록으로 이동

Journals in ECONOMICS

Go to Journal Profile

Master Search

Journal Titles Ranked by Impact Factor

Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 QUARTERLY JOURNAL OF ECONOMICS	24,898	7.863	0.05600
<input type="checkbox"/>	2 JOURNAL OF HUMAN RESOURCES	4,640	6.531	0.01000
<input type="checkbox"/>	3 JOURNAL OF ECONOMIC GROWTH	2,192	6.480	0.00500
<input type="checkbox"/>	4 ECONOMIC GEOGRAPHY	2,840	6.438	0.00200
<input type="checkbox"/>	5 JOURNAL OF ECONOMIC PERSPECTIVES	11,360	5.667	0.02200
<input type="checkbox"/>	6 VALUE IN HEALTH	7,487	5.484	0.01700
<input type="checkbox"/>	7 JOURNAL OF FINANCE	34,342	5.397	0.05200
<input type="checkbox"/>	8 JOURNAL OF POLITICAL ECONOMY	23,281	5.247	0.02800
<input type="checkbox"/>	9 JOURNAL OF FINANCIAL ECONOMICS	28,511	5.162	0.05800

6. 마스터 서치: 저널명 검색하기

- 마스터 서치를 통해 원하는 저널 검색하기

기본 화면에서

Enter a journal name

분석 화면에서

Go to Journal Profile

Master Search

- 검색 예시

The screenshot shows the 'Journals By Rank' section of the interface. A search box contains the text 'nature', and a dropdown menu is open, listing various journals including NATURE, NATURE MATERIALS, Nature Reviews Materials, NATURE REVIEWS GENETICS, Nature Photonics, Nature Microbiology, Nature Ecology & Evolution, Nature Chemical Biology, NATURE CELL BIOLOGY, Nature Reviews Urology, and Nature Reviews. A red box highlights the search input with the text '검색하고자 하는 저널명 입력' (Input the journal name to be searched). Another red box highlights the dropdown menu with the text '검색어가 들어간 저널들이 검색됨' (Journals containing the search term are searched). The main table displays search results with columns for Rank, Full Journal Title, Total Cites, Journal Impact Factor, 5 Year Impact Factor, Immediacy Index, and Norm Eigen. The top result is 'CA-A CANCER JOURNAL FOR CLINICIANS' with a rank of 1, 28,839 total cites, and a JIF of 244.585.

Rank	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor	Immediacy Index	Norm Eigen
1	CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	161.803	49.172	
2	NEW ENGLAND JOURNAL OF MEDICINE	332,831	79.260	67.513	15.727	8
3	LANCET	233,269	53.254	52.665	13.030	5
4	CHEMICAL REVIEWS	174,920	52.613	55.198	12.157	3

저널 프로필 보기

The screenshot shows the journal profile for NATURE. It includes the ISSN (0028-0836), eISSN (1476-4687), and publisher information (NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND, ENGLAND). The title is 'NATURE', and the language is English. The category is 'MULTIDISCIPLINARY SCIENCES - SCIE', and the publication frequency is 51 issues/year. Below the profile information, there are two charts:

Journal Impact Factor Trend 2017: A bar chart showing the JIF trend from 2013 to 2017. The 2017 JIF is 41.577. The chart also shows the percentile rank in category for each year.

Citation distribution 2017: A histogram showing the number of articles, reviews, and other items cited in the JCR year. The article citation median is 25, and the review citation median is 28.

7. 저널 평가 지수 설정하기

- 사용자가 비교 분석하고자 하는 저널의 평가 지수를 설정하기

Journals By Rank		Categories By Rank			
Journal Titles Ranked by Impact Factor					
Compare Selected Journals		Add Journals to New or Existing List		Customize Indicators	
	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score	
<input type="checkbox"/>	1 CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	0.06600	
<input type="checkbox"/>	2 NEW ENGLAND JOURNAL OF MEDICINE	332,831	79.260	0.70200	
<input type="checkbox"/>	3 LANCET	233,269	53.254	0.43600	

Customize Indicators

<input type="checkbox"/> JCR Abbreviated Title	<input type="checkbox"/> Cited Half-Life
<input checked="" type="checkbox"/> Total Cites	<input type="checkbox"/> Citing Half-Life
<input checked="" type="checkbox"/> Journal Impact Factor	<input checked="" type="checkbox"/> Eigenfactor Score
<input type="checkbox"/> Impact Factor without Journal Self Cites	<input type="checkbox"/> Article Influence Score
<input type="checkbox"/> 5 Year Impact Factor	<input type="checkbox"/> ISSN
<input type="checkbox"/> Immediacy Index	<input type="checkbox"/> % Articles in Citable Items
<input type="checkbox"/> Citable Items	<input type="checkbox"/> Average JIF Percentile
<input type="checkbox"/> Normalized Eigenfactor	

Save

➔ 필요한 지수를 선택하여 분석할 수 있도록 설정 (선택된 지수만 보임)

선택된 지수

Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor	Immediacy Index	Eigenfactor Score
CA-A CANCER JOURNAL FOR CLINICIANS	28,839	244.585	161.803	49.172	0.06600
NEW ENGLAND JOURNAL OF MEDICINE	332,831	79.260	67.513	15.727	0.70200

8. 저널 프로필 Overview

- JCR의 저널 프로필에서 제공하는 평가지수 및 기타 정보를 통해 보다 정확하게 저널의 영향력을 이해할 수 있음

1

Home > Journal Profile

NATURE

ISSN: 0028-0829
eISSN: 1478-4887
NATURE PUBLISHING GROUP
MADHUKHAN BUILDING, 4 CRINAN ST, LONDON N1 9XX, ENGLAND
ENGLAND

TITLES
ISO: Nature
JCR Abbrev: NATURE

LANGUAGES
English

CATEGORIES
MULTIDISCIPLINARY SCIENCES - SCIE

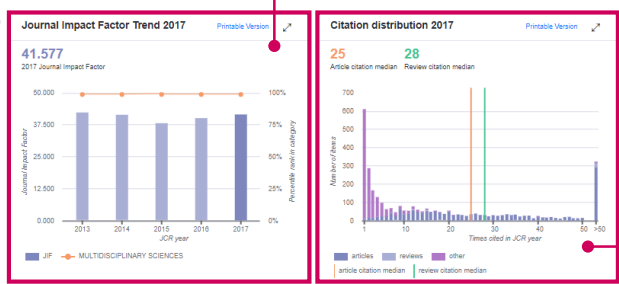
PUBLICATION FREQUENCY
91 issues/year

Go to Journal Table of Contents Printable Version

Current Year All years

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2017 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

2



최근 5년간의 JIF와 저널이 속한 연구분야별 백분위

최신 JCR 연도의 논문 형태(article & review)에 따른 citation 중간값

3

Journal Impact Factor Calculation

2017 Journal Impact Factor: 74,090 / 1,762 = **41.577**

How is Journal Impact Factor Calculated?

Citations in 2017 to items published in 2015 (41,701 + 2016 (32,388)) = 74,090

JIF = Citations in 2017 to items published in 2015 (41,701 + 2016 (32,388)) / Number of citable items in 2015 (992) + 2016 (880) = 1,762

Journal Impact Factor contributing items

Citable items in 2016 and 2015 (1,762) Citations in 2017 (74,090)

TITLE	CITATIONS COUNTED TOWARD J-IF
Deep learning By: LeCun, Yann; Bengio, Yoshua; Hinton, Geoffrey Volume: 317 Page: 434-444 Accession number: WOS:000355286600030 Document Type: Review	1336
Analysis of protein-coding genetic variation in 60,708 humans By: Lek, Monkol; Cummings, Brijl B.; Takahai, Taru; Binbaum, Daniel P.; Kosmicki, Jack A.; et al. Volume: 526 Page: 285+ Accession number: WOS:000318048000026 Document Type: Article	878
A global reference for human genetic variation By: Absher, David M.; Gabriel, Stacy B.; Bertoni, Tatiana A.; Lianhard, Matthias; Mertes, Florian; et al. Volume: 326 Page: 48+ Accession number: WOS:000292095100006 Document Type: Article	856
Compositional engineering of perovskite materials for high-performance solar cells By: Jeon, Nam Joong; Noh, Jun Hong; Yang, Woon Gook; Kim, Young Chan; Ryu, Seungghan; et al. Volume: 317 Page: 478+ Accession number: WOS:000348196500022 Document Type: Article	733
Genetic studies of body mass index yield new insights for obesity biology By: Locke, Adam E.; Yang, Jian; Dimitrov, Maria; Doney, Alex S. F.; Erikund, Nina; et al. Volume: 518 Page: 187-1401 Accession number: WOS:000348190300031 Document Type: Article	369
Integration analysis of 111 reference human eQTLs By: Kundaje, Arshad; Zeng, Michael J.; Jenk, Vivian; Whitaker, John W.; Schadt, Matthew D.; et al. Volume: 518 Page: 217-230 Accession number: WOS:000348547400028 Document Type: Article	348
Mastering the game of Go with deep neural networks and tree search By: Silver, David; Lanctot, Marc; Dieleman, Sander; Grewe, Dominik; Nham, John; et al. Volume: 529 Page: 484+ Accession number: WOS:000366780000028 Document Type: Article	311

Citable items/ Citation

최신 JCR 연도의 JIF 계산식과 계산에 사용된 데이터

- Citable items:** 해당 저널의 JIF 계산에 사용된 개제 논문 확인
- Citation:** 해당 저널의 citable item(논문)을 인용한 저널과 논문을 확인
- Web of Science에서 해당 저널의 논문을 인용한 저널과 논문 분석
- 인용한 저널과 논문 데이터 다운로드

Show all 클릭 시 가능한 기능

최신 JCR 연도의 주요 저널 평가지수값

최신 JCR 연도에 해당하는 저널의 article과 Review 논문의 개요
* 다음 JCR을 계산하는 항목

해당 저널에 기여도가 높은 국가와 기관

Key Indicators 2017

IMPACT METRICS	INFLUENCE METRICS	SOURCE METRICS
Total Cites: 710,787	Eigenfactor Score: 1.35500	Citable Items: 826
Journal Impact Factor: 41.577	Article Influence Score: 22.537	% Articles in Citable Items: 95.93
5 Year Impact Factor: 44.959	Normalized Eigenfactor: 158.27100	Average JIF Percentile: 99.219
Immediacy Index: 0.700		Cited Half Life: 10.8
Impact Factor Without Journal Self Cites: 41.015		Citing Half Life: 0.0

Journal source data 2017

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2017 (A)	802	34	836	1,807	31%
Number of References (B)	38,139	3,832	36,771	5,823	87%
Ratio (B/A)	45.1	108.8	47.6	3.2	

These data summarize the characteristics of the journal's published content for the most recent three years, that is, 2017 and the two prior years, combined. This information is based on all listed authors and addresses. It is meant to be descriptive rather than comparative.

Contributions by country/region		Contributions by organizations	
country	count	organization	count
1. USA	3,085	1. UNIVERSITY OF CALIFORNIA SYSTEM	587
2. England	1,091	2. HARVARD UNIVERSITY	475
3. GERMANY (FED REP GER)	730	3. HOWARD HUGHES MEDICAL INSTITUTE	333
4. CHINA-MAINLAND	428	4. MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)	284
5. France	393	5. STANFORD UNIVERSITY	282
6. Australia	384	6. MAX PLANCK SOCIETY	248
7. Canada	374	7. CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	243
8. Switzerland	354	8. UNIVERSITY OF LONDON	218
9. Netherlands	284	9. UNIVERSITY OF CAMBRIDGE	206
10. Japan	237	10. VA BOSTON HEALTHCARE SYSTEM	198

1) 저널 프로필 - 저널 출판 정보

- 저널의 기본 정보를 확인할 수 있음

NATURE

ISSN: 0028-0836
 eISSN: 1476-4687
 NATURE PUBLISHING GROUP
 MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND
 ENGLAND

[Go to Journal Table of Contents](#)

[Printable Version](#)

TITLES
 ISO: Nature
 JCR Abbrev: NATURE

LANGUAGES
 English

CATEGORIES
 MULTIDISCIPLINARY SCIENCES - SCIE

PUBLICATION FREQUENCY
 51 issues/year

저널에 해당하는
 Web of Science 범주 목록
 (복수개의 범주를 가질 수 있음)

매년 발행되는 호의 수

Web of Science의 Current Contents Connect DB에서
 해당 저널의 최근 이용 가능 컨텐츠 목록으로 바로가기



Web of Science

Current Contents Connect 학술지 찾아보기

<< 찾아보기 종료

찾아보기 홈 > 분야 > 학술지 > 호 > 목차

선택한 예디션: **AGRICULTURE, BIOLOGY & ENVIRONMENTAL SCIENCES**

선택한 분야: **MULTIDISCIPLINARY**

NATURE

568 (7750): APR 4 2019

IDS #: HR8CZ

Stop vaccine misinformation
 NATURE, 568 (7750): 5-5 APR 4 2019

Brexit damage
 NATURE, 568 (7750): 5-5 APR 4 2019

Casadevall, Arturo
 Huge misconduct fine is a reminder to reward rigour
 NATURE, 568 (7750): 7-7 APR 4 2019

----- NEWS ITEMS -----

Mallapaty, Smriti
 Thailand's science set to prosper in wake of election
 NATURE, 568 (7750): 13-14 APR 4 2019

Abbott, Alison
 North Korea strikes rare exchange deal
 NATURE, 568 (7750): 14-15 APR 4 2019

Tollefson, Jeff
 Pollution rules under siege at US environment agency
 NATURE, 568 (7750): 15-16 APR 4 2019

Castelvecchi, Davide
 LIGO restarts with quantum boost
 NATURE, 568 (7750): 16-17 APR 4 2019

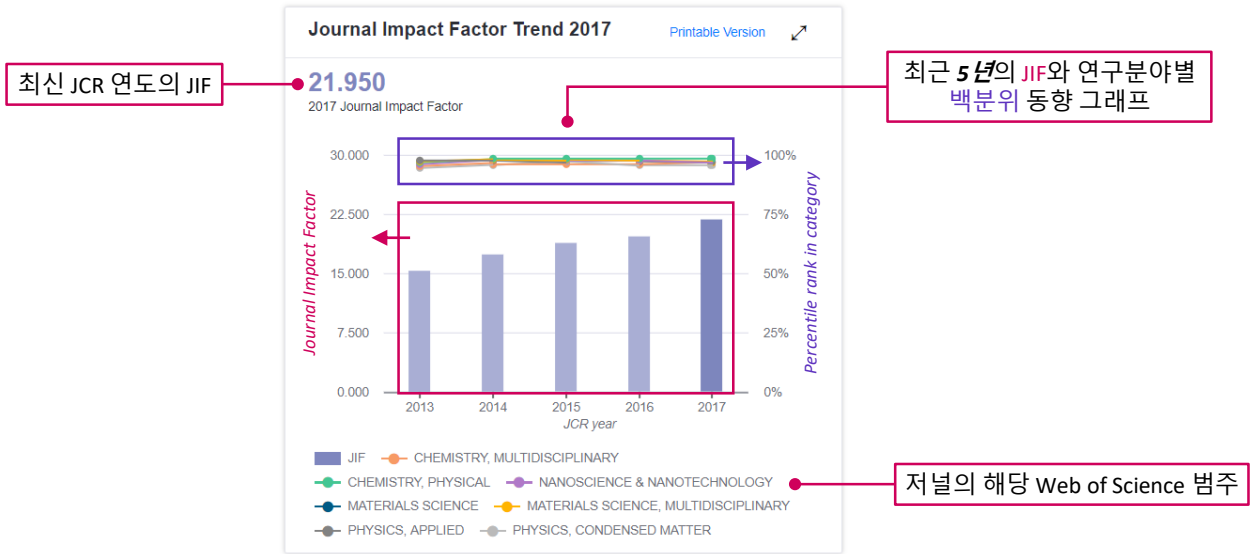
Catanzaro, Michele
 Iranian spying trial prompts global outcry
 NATURE, 568 (7750): 17-18 APR 4 2019

☐ 참고

Web of Science Current Contents Connect DB를
 구독한 경우에 이용 가능한 기능

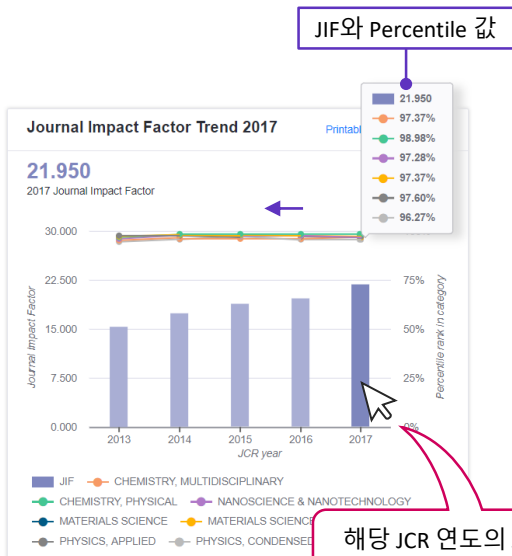
2) 저널 프로필 - 최근 5년 동향 확인

- 최근 5년의 JIF, Percentile 등을 확인 할 수 있음

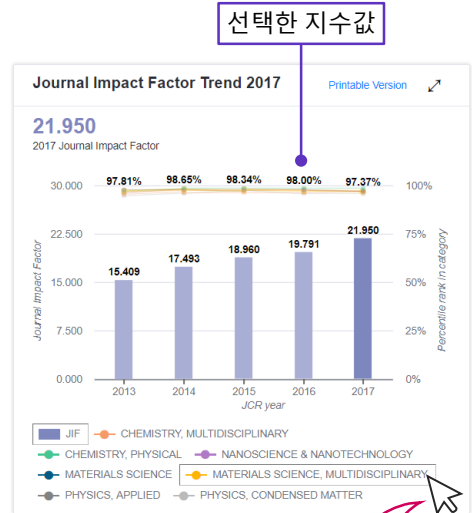


선택 연도의 데이터값 보기

선택 지수의 데이터값 보기



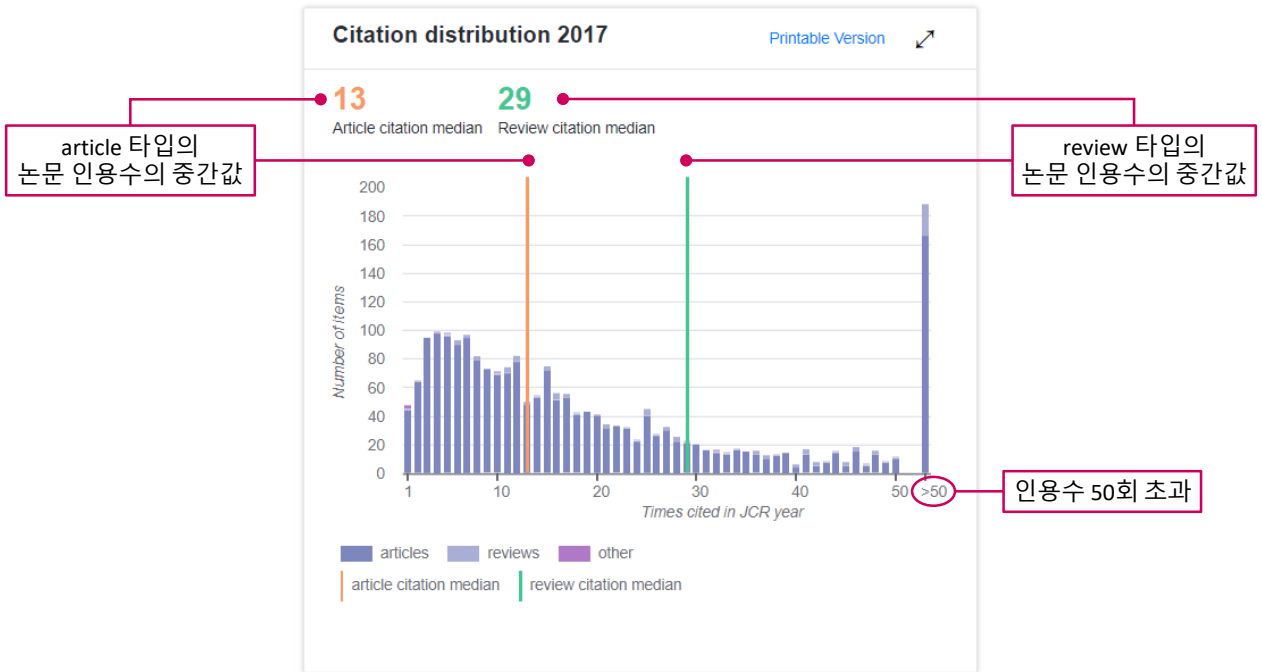
해당 JCR 연도의 JIF와 연구 분야별 백분위 확인 (마우스 오버)



원하는 지수를 클릭하여 그래프에 데이터값 표시 (다수 클릭 가능)

3) 저널 프로필 - 인용수 분포

- 최신 JCR 연도에 해당하는 저널의 논문 형태별 인용수 분포를 통해 저널의 영향력을 분석할 수 있음

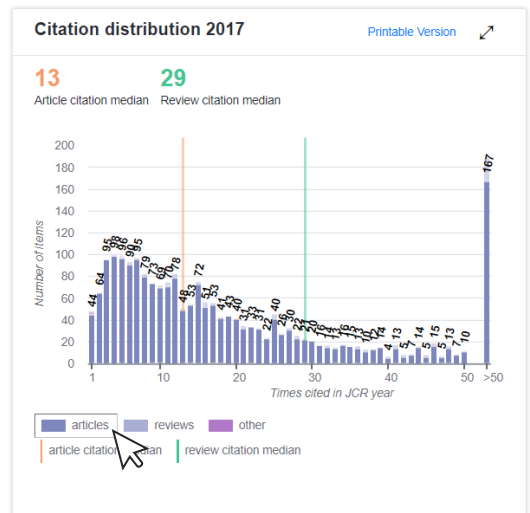


선택 인용 수의 데이터값 보기

선택 지수의 데이터값 보기
(예: articles의 인용수 별 논문 수)



막대그래프에 마우스를 올려놓으면 해당 인용수에 대해 같은 인용수를 받은 논문 수를 문서 유형별로 확인할 수 있음



articles, reviews, other 등을 클릭하면, 해당 문서 유형에 대해 인용수 별 논문 수 (데이터 라벨)를 확인할 수 있음 (복수로 선택 가능)

4) 저널 프로필 - JIF 계산 자세히 보기 (1)

- JIF 계산식과 계산에 사용된 해당 저널의 article과 Review 논문 그리고 citation을 논문 단위로 공개하여 JIF에 기여한 논문 및 저널을 확인할 수 있음

Journal Impact Factor Calculation

$$\text{2017 Journal Impact Factor} = \frac{46,972}{2,140} = 21.950$$

JCR 연도의 인용 횟수

Citations in 2017 to items published in 2015 (22,473) + 2016 (24,499) = 46,972

JIF = $\frac{\text{Citations in 2017 to items published in 2015 (22,473) + 2016 (24,499)}}{\text{Number of citable items in 2015 (988) + 2016 (1,152)}} = 21.950$

Number of citable items in 2015 (988) + 2016 (1,152) = 2,140

해당 저널의 JCR 연도 직전 2개년도의 citable item 수

Journal Impact Factor contributing items

Citable items in 2016 and 2015 (2,140) Citations in 2017 (46,972)

TITLE	CITATIONS COUNTED TOWARDS JIF
Fullerene-Free Polymer Solar Cells with over 11% Efficiency and Excellent Thermal Stability	374
By: Zhao, Wenchao; Qian, Deping; Zhang, Shaoqing; Li, Sunsun; Ingalls, Olle; et al.	

Journal Impact Factor contributing items

Citable items in 2016 and 2015 (2,140) Citations in 2017 (46,972)

TITLE	CITATIONS COUNTED TOWARDS JIF
ACS APPLIED MATERIALS & INTERFACES	3228
ADVANCED MATERIALS	2923
JOURNAL OF MATERIALS CHEMISTRY A	2531
ADVANCED FUNCTIONAL MATERIALS	1346
JOURNAL OF MATERIALS CHEMISTRY C	1204
ADVANCED ENERGY MATERIALS	1110
NANOSCALE	1053
NANO ENERGY	984
SMALL	978
ACS NANO	968

인용해간 저널에서 인용한 해당 저널의 논문 수

해당 저널을 인용한 저널 및 인용수 확인

Showing 46,972 citations in 2017

TITLE	CITATIONS COUNTED TOWARDS JIF
ACS APPLIED MATERIALS & INTERFACES	3228
CITING ARTICLES	
Recent Advancements in Flexible and Stretchable Electrodes for Electromechanical Sensors: Strategies, Materials, and Features	
By: Zhao, Songfang; Sun, Rong; Wong, Ching-Ping; Li, Jinhui; Cao, Duxia; et al.	
Volume: 9 Issue: 14 Page: 12147-12164 Published: 2017 Accession number: WOS:000399354100001 Document Type: Review	
CITED REFERENCES in JIF	
Printed Carbon Nanotube Electronics and Sensor Systems	
By: Chen, Kevin; Gao, Wei; Emaminejad, Sam; Kirya, Daisuke; Ota, Hiroki; et al.	
Volume: 28 Issue: 22 Page: 4397-4414 Published: 2016 Accession number: WOS:000377123500012 Document Type: Review	
Stretchable Thin-Film Electrodes for Flexible Electronics with High Deformability and Stretchability	
By: Cheng, Tao; Zhang, Yizhou; Lai, Wen-Yong; Huang, Wei	
Volume: 27 Issue: 22 Page: 3349-3376 Published: 2015 Accession number: WOS:000355875500001 Document Type: Review	
A Stretchable and Highly Sensitive Graphene-Based Fiber for Sensing Tensile Strain, Bending, and Torsion	
By: Cheng, Yin; Wang, Ranran; Sun, Jing; Gao, Lian	
Volume: 27 Issue: 45 Page: 7365-+ Published: 2015 Accession number: WOS:000367833200014 Document Type: Article	

인용해간 저널

인용해간 논문

인용해간 논문에서 인용한 해당 저널의 논문 수

인용된 해당 저널의 논문

인용한 논문 단위로 확인 가능

5) 저널 프로필 – JIF 계산 자세히 보기 (2)

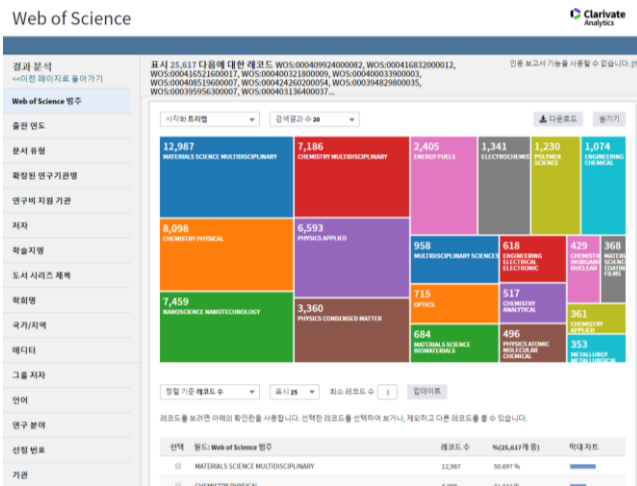
- Web of Science에서 저널의 논문(article, review)을 인용해간 저널 및 논문을 분석하여 저널이 영향력을 미치고 있는 저널을 확인하고 후행연구를 분석할 수 있음

1 2

Showing 46,972 citations in 2017 [View in Web of Science](#) [Export](#)

TITLE	CITATIONS COUNTED TOWARDS JIF
- ACS APPLIED MATERIALS & INTERFACES	3228
CITING ARTICLES	
- Recent Advancements in Flexible and Stretchable Electrodes for Electromechanical Sensors: Strategies, Materials, and Features	16
By: Zhao, Songfang; Sun, Rong; Wong, Ching-Ping; Li, Jinhui; Cao, Duxia; et al. Volume: 9 Issue: 14 Page: 12147-12164 Published: 2017 Accession number: WOS:000399354100001 Document Type: Review	
CITED REFERENCES in JIF	
Printed Carbon Nanotube Electronics and Sensor Systems By: Chen, Kevin; Gao, Wei; Esminejad, Sam; Kiriya, Daisuke; Ota, Hiroki; et al. Volume: 28 Issue: 22 Page: 4397-4414 Published: 2016 Accession number: WOS:000377123500012 Document Type: Review	
Stretchable Thin-Film Electrodes for Flexible Electronics with High Deformability and Stretchability By: Cheng, Tao; Zhang, Yizhou; Lai, Wen-Yong; Huang, Wei Volume: 27 Issue: 22 Page: 3349-3376 Published: 2015 Accession number: WOS:000355875500001 Document Type: Review	
A Stretchable and Highly Sensitive Graphene-Based Fiber for Sensing Tensile Strain, Bending, and Torsion By: Cheng, Yin; Wang, Ranran; Sun, Jing; Gao, Lian Volume: 27 Issue: 45 Page: 7365-+ Published: 2015 Accession number: WOS:000367833200014 Document Type: Article	

1 View in Web of Science: Web of Science에서 후행 연구 분석하기



□ 참고
Web of Science Core Collection을
구독한 경우에 이용 가능

2 Export: Data 다운로드하여 인용해간 논문 자세히 보기

UT	Authors	Item Title	Source Title	Volume	Issue	Page Range	Publication Date	Publication Year	Document Type
WOS:000393149500040	Zhou, Chenjuan;Qian, Jijia;Yan, Jing	A ternary photocatalyst of graphitic carbon nitride	JOURNAL OF COLLOID AND INTERFACE SCIENCE	491	367-374	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000393149500004	Chen, Yijun;Wu, Xiaochen;Lv, Lili;Li, Feng	Enhancing reducing ability of alpha-zirconium hydroxide	JOURNAL OF COLLOID AND INTERFACE SCIENCE	491	37-43	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000393149500030	Wu, Laidi;Tan, Pengfei;Liu, Yi;Shang, Yuhang	In situ formation of carbon encapsulated ZnO	JOURNAL OF COLLOID AND INTERFACE SCIENCE	491	279-285	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000397686700006	Li, Zhen;Jiang, Zhen;Zhang, Ming	A facile approach assembled magnetic carbon nanotubes	JOURNAL OF ENVIRONMENTAL SCIENCE	37	2-1394-1405	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article

UT	Authors	Item Title	Source Title	Volume	Issue	Page	Publications Date	Publication Year	Document Type
WOS:000400305800020	Li, Zhen;Jiang, Zhen;Zhang, Ming	A facile approach assembled magnetic carbon nanotubes	JOURNAL OF ENVIRONMENTAL SCIENCE	37	2-1394-1405	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000394482700077	Wang, Dawei;Khesro, Amir;Murakami	Temperature dependent, large electrorheological effect	JOURNAL OF THE EUROPEAN CHEMICAL SOCIETY	37	4-1857-1860	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000394482700049	Zhang, Shuai;Sha, Na;Zhao, Zhe	Surface modification of alpha-Al2O3	JOURNAL OF THE EUROPEAN CHEMICAL SOCIETY	37	4-1607-1616	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000394482700023	Kim, Sangwook;Choi, Haerin;Han, Sun A	Correlation between piezoelectric and ferroelectric properties	JOURNAL OF THE EUROPEAN CHEMICAL SOCIETY	37	4-1379-1386	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000400225900011	Pan Yu;Lu Xin;Wei Zhi-Guo;Wang Guo	Reaction Synthesis and Discharge Performance of Graphene	JOURNAL OF INORGANIC CHEMISTRY	32	4-407-412	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000394401300040	Zhao, Juan;Wang, Zijun;Wang, Run;Chen, Hui	Hybrid white organic light-emitting diodes	JOURNAL OF LUMINESCENCE	184	287-292	01-APR-17 12.00.00.0000000000 AM	2017	2017	Article
WOS:000399418100001	Li, Jun-Sheng;Huang, Hui;Zhou, Yong	Research progress of graphene-based materials	JOURNAL OF MATERIALS	32	7-1213-1230	01-APR-17 12.00.00.0000000000 AM	2017	2017	Review

6) 저널 프로필 - 주요 저널 평가 지수값

- 가장 최신 JCR 연도의 주요 저널 평가 지수를 확인하고 최근 5년간의 트렌드 확인하기

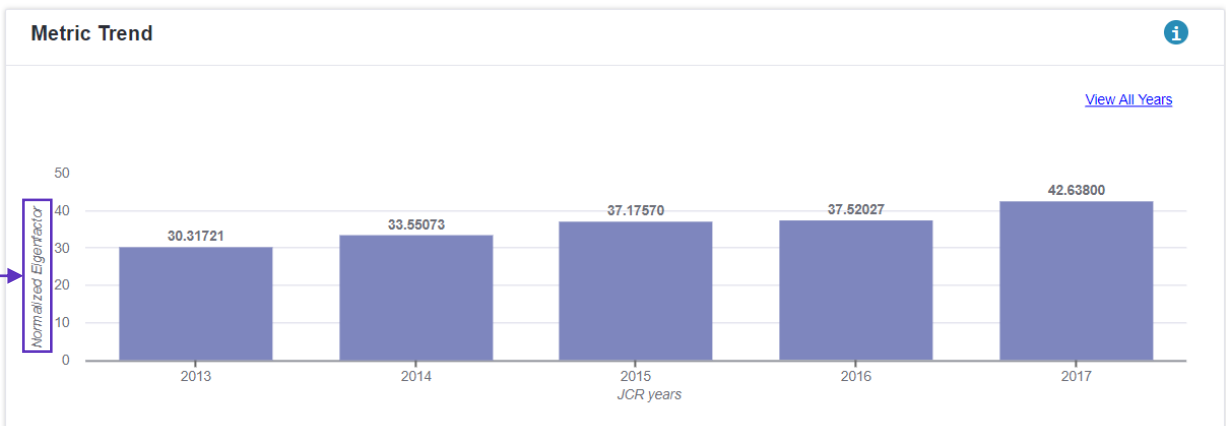
Key Indicators 2017

IMPACT METRICS		INFLUENCE METRICS		SOURCE METRICS	
Total Cites	190,543 Graph	Eigenfactor Score	0.36500 Graph	Citable Items	1,349 Graph
Journal Impact Factor	21.950 Graph	Article Influence Score	5.469 Graph	% Articles in Citable Items	93.55 Graph
5 Year Impact Factor	21.888 Graph	Normalized Eigenfactor	42.63800 Graph	Average JIF Percentile	97.478 Graph
Immediacy Index	5.119 Graph			Cited Half-Life	4.9 Graph
Impact Factor Without Journal Self Cites	20.583 Graph			Citing Half-Life	4.6 Graph

Graph 클릭

Matric Trend에서 최근 5년의 해당 지수 동향 그래프 확인

Source data Box plot Rank Cited Journal Data Citing Journal Data **Matric trend** Click [here](#) to view Journal Relationships



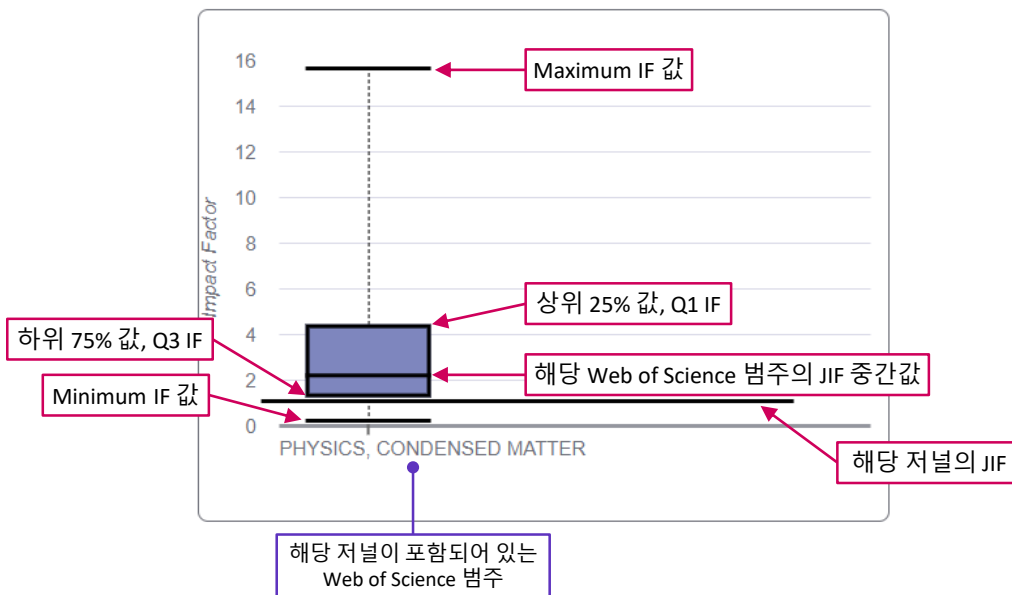
7) 저널 프로필 – Source data

- 최신 JCR연도의 해당 저널의 citable items(article, review)의 정보를 확인할 수 있음

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2017 (A)	1,262	87	1,349	21	98%
Number of References (B)	66,190	20,050	86,240	155	99%
Ratio (B/A)	52.4	230.5	63.9	7.4	

저널 프로필 – Box plot

- 저널이 해당되는 각 Web of Science 범주의 box plot을 보여줌



□ 참고

$$\text{Maximum} = \text{Q1 IF} + 3.5(\text{Q1 IF} - \text{Q3 IF})$$

$$\text{Minimum} = \text{Q1 IF} - 3.5(\text{Q1 IF} - \text{Q3 IF})$$

8) 저널 프로필 – Rank

- 저널이 속해 있는 Web of Science 범주를 기준으로 JIF 기준 순위, Quartile, Percentile의 값을 확인할 수 있음
- 해당 저널의 최근 5년의 피인용 수의 동향과 ESI 를 기준으로 JIF 순위와 Quartile을 알 수 있음

저널이 속하는 각 Web of Science 범주 (연구분야)에서의 JIF 기준 Rank, Quartile, percentile값으로 JCR 연도 별로 각 분야마다 성과 지수가 달라짐

Rank 2017

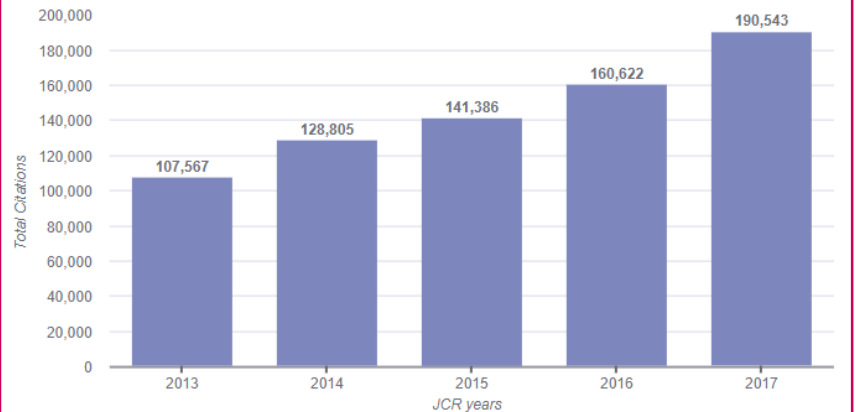
JCR Impact Factor

JCR Year ↓	CHEMISTRY, MULTIDISCIPLINARY			CHEMISTRY, PHYSICAL			NANOSCIENCE & NANOTECHNOLOGY			MATERIALS SCI MULTIDISCIPLI	
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	Rank	Quartile
2017	5/171	Q1	97.368	2/147	Q1	98.980	3/92	Q1	97.283	8/285	Q1
2016	6/166	Q1	96.687	2/146	Q1	98.973	2/87	Q1	98.276	6/275	Q1
2015	6/163	Q1	96.626	2/144	Q1	98.958	2/83	Q1	98.193	5/271	Q1
2014	6/157	Q1	96.497	2/139	Q1	98.921	2/80	Q1	98.125	4/260	Q1

ESI Total Citations 2017

Rank

JCR Year ↓	MATERIALS SCIENCE
2017	1/361-Q1
2016	1/350-Q1
2015	1/343-Q1
2014	1/334-Q1
2013	1/331-Q1



ESI에 해당하는 연구분야에서 최근 5년의 JIF Rank와 Quartile

최근 5년의 Total citations 동향

9) 저널 프로필 – Cited/Citing Journal Data

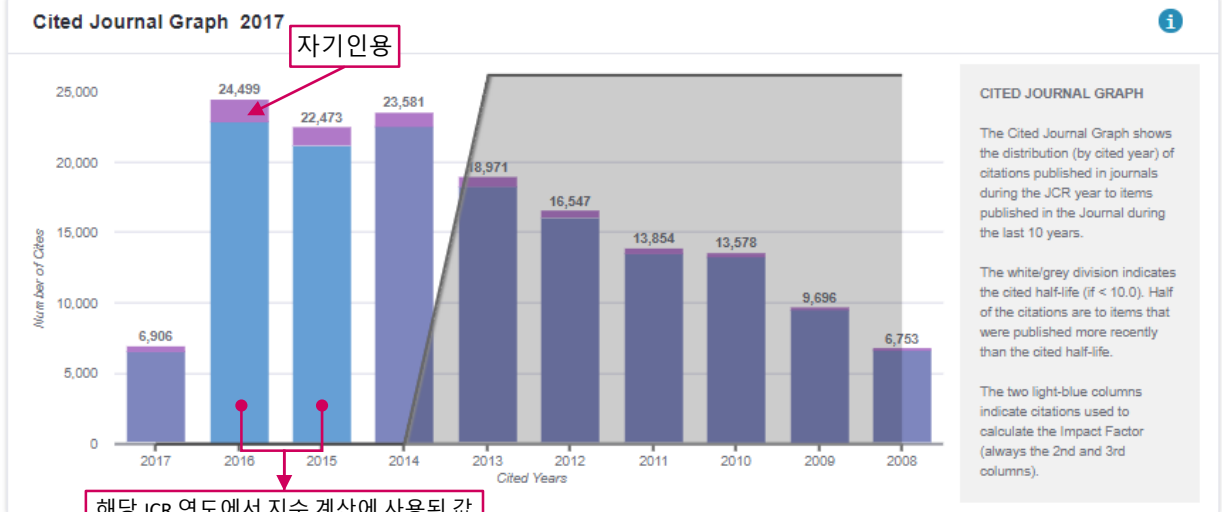
- 저널의 피인용/인용 Data를 확인할 수 있음

Source data Box plot Rank **Cited Journal Data** Citing Journal Data Metric trend Click [here](#) to view Journal Relationships

Cited Half-Life Data

Customize columns

Cited Year	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007-All
#Cites from 2017	6,906	24,499	22,473	23,581	18,971	16,547	13,854	13,578	9,696	6,753	33,685
Cumulative %	3.62%	16.48%	28.28%	40.65%	50.61%	59.29%	66.56%	73.80%	78.78%	82.32%	100.00%



Cited Journal Data

Customize columns

Impact	Citing Journal	All Yrs	2017	2016	2015	2014	2013	2012	2011	2010	2009
	ALL Journals	190,543	6,906	24,499	22,473	23,581	18,971	16,547	13,854	13,578	9,696
	ALL OTHERS (797)	797	12	57	55	88	59	68	66	61	58
1	8.097 ACS APPL MATER INTER	10,700	583	1,750	1,478	1,429	1,172	873	816	596	464
2	21.950 ADV MATER	7,366	386	1,581	1,342	1,051	723	556	382	351	228
3	9.931 J MATER CHEM A	7,210	508	1,396	1,135	1,144	807	567	407	347	178
4	2.936 RSC ADV	4,542	111	460	440	549	508	448	376	366	248
5	5.976 J MATER CHEM C	4,417	178	660	544	626	405	382	361	282	194
6	7.233 NANOSCALE	3,696	186	558	495	500	408	354	220	244	155
7	13.325 ADV FUNCT MATER	3,475	140	757	589	532	337	273	178	168	122

피인용된 저널의 정보 (저널명, 연도별 citation #)

참고

자기 인용의 경우 막대 그래프의 색깔의 비율을 통해 전체에서 자기 인용 논문의 수를 상대적으로 비교해 볼 수 있으며, 보다 자세한 데이터는 JIF 계산 자세히 보기를 통해 확인할 수 있음

10) 저널 프로필 – Contributions

- 최근 3년간 저널에 실린 모든 논문(article, review, other)의 연구자들 소속기관/ 기관의 소속국가 분석으로 국가별 기관별 저널의 기여도를 확인할 수 있음

country	count
1. CHINA MAINLAND	1,655
2. USA	1,190
3. South Korea	384
4. GERMANY (FED REP GER)	295
5. England	221
6. Japan	214
7. Singapore	210
8. Australia	162
9. France	105
10. Saudi Arabia	94
- Switzerland	94

국가/지역별 기여도

organization	count
1. CHINESE ACADEMY OF SCIENCES	664
2. UNITED STATES DEPARTMENT OF ENERGY (DOE)	219
3. UNIVERSITY OF CALIFORNIA SYSTEM	179
4. NANYANG TECHNOLOGICAL UNIVERSITY & NATIONAL INSTITUTE OF EDUCATION (NIE) SINGAPORE	143
5. PEKING UNIVERSITY	124
6. TSINGHUA UNIVERSITY	123
7. MAX PLANCK SOCIETY	90
8. BEIHANG UNIVERSITY	88
9. SUZHOU UNIVERSITY	87
10. UNIVERSITY SYSTEM OF GEORGIA	86

기관별 기여도

9. 모든 JCR 연도의 저널 정보 자세히 보기

- 저널 JCR에 수록된 모든 JCR 연도에 해당하는 저널의 평가 지수를 확인할 수 있음



저널 프로필 페이지로 돌아가기



Return to Current Year page: [Here](#)

Key Indicators

Year	Total Cites	Journal Impact Factor	Impact Factor Without Journal Self Cites	5 Year Impact Factor	Immediacy Index	Citable Items	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% Articles In Citable Items	Normalized Eigenfactor	Average JIF Percentile
2017	190,...	21.950	20.583	21.888	5.119	1,349	4.9	4.6	0.36...	5.469	93.55	42.6...	97.47%
2016	180,...	19.791	18.574	19.615	3.998	1,152	5.1	4.6	0.32...	5.073	94.10	37.5...	97.64%
2015	141,...	18.960	17.939	18.862	3.325	988	5.1	4.5	0.32...	5.047	96.76	37.1...	97.91%
2014	128,...	17.493	16.465	18.172	3.441	968	5.0	4.8	0.29...	4.750	93.69	33.5...	97.78%
2013	107,...	15.409	14.451	15.581	2.757	874	5.0	4.6	0.27...	4.266	94.16	30.3...	96.72%
2012	91,952	14.829	13.994	13.860	2.557	867	5.1	4.6	0.28...	4.358	92.85	Not ...	96.67%
2011	79,880	13.877	13.103	12.813	2.155	789	5.0	4.8	0.26...	4.071	94.04	Not ...	96.99%
2010	68,115	10.880	10.256	11.306	2.097	777	5.2	4.9	0.24...	3.765	92.92	Not ...	95.42%
2009	57,456	8.379	7.921	9.836	1.737	665	5.4	5.0	0.21...	3.337	89.77	Not ...	95.50%
2008	49,008	8.191	7.631	10.231	0.957	772	5.3	4.9	0.21...	3.547	98.58	Not ...	98.39%
2007	39,822	8.191	7.630	9.897	0.814	738	5.0	4.8	0.19...	3.507	98.33	Not ...	96.55%
2006	34,375	7.896	7.427	Not ...	0.998	565	4.7	4.6	Not ...	Not ...	96.28	Not ...	95.78%
2005	28,094	9.107	8.428	Not ...	0.916	581	4.5	4.6	Not ...	Not ...	97.59	Not ...	97.47%
2004	21,834	8.079	7.478	Not ...	0.831	414	4.2	4.3	Not ...	Not ...	96.62	Not ...	97.45%
2003	17,822	7.305	6.617	Not ...	1.198	420	3.8	4.3	Not ...	Not ...	95.48	Not ...	98.02%
2002	13,688	6.801	6.103	Not ...	1.025	402	3.7	4.3	Not ...	Not ...	97.26	Not ...	98.55%

Source Data

- Rank
- Cited Journal Data
- Citing Journal Data
- Box Plot
- Journal Relationships

Journal Source Data

	Citable Items			Other (O)	Percentage (C/(C+O))
	Articles	Reviews	Combined (C)		
Number in JCR Year 2017...	1,262	87	1,349	21	98%
Number of References (B)	66,190	20,050	86,240	155	99%
Ratio (B/A)	52.4	230.5	63.9	7.4	

보고자 하는 JCR 연도를 클릭하면, 해당 JCR 연도의 Data와 지수값을 확인할 수 있음

선택된 JCR 연도에 따라 Data와 지수값이 변동