⊞ Products

Journal Citation Reports™

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JCR YEAR

2021 ▾

International Arab Journal of Information Technology

ISSN

1683-3198

EISSN

1683-3198

JCR ABBREVIATION

INT ARAB J INF TECHN

ISO ABBREVIATION

Int. Arab J. Inf. Technol.

Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE - SCIE

COMPUTER SCIENCE, INFORMATION SYSTEMS - SCIE

ENGINEERING, ELECTRICAL & ELECTRONIC - SCIE

LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	JORDAN	2010

Publisher information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
ZARKA PRIVATE UNIV	COLL COMPUTING & INFORMATION SOC, PO BOX 132222, ZARQA 13132, JORDAN	6 issues/year

Journal's performance

Journal Impact Factor

The Journal Impact Factor (JIF) is a journal-level metric calculated from data indexed in the Web of Science Core Collection. It should be used with careful attention to the many factors that influence citation rates, such as the volume of publication and citations characteristics of the subject area and type of journal. The Journal Impact Factor can complement expert opinion and informed peer review. In the case of academic evaluation for tenure, it is inappropriate to use a journal-level metric as a proxy measure for individual researchers, institutions, or articles. Learn more

2021 JOURNAL IMPACT FACTOR

0.967

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

0.691

View calculation

View calculation

Journal Impact Factor Trend 2021

⬇ Export

View all years

Journal Impact Factor contributing items

⬇ Export

Citable items (243)	Citing Sources (103)

TITLE	CITATION COUNT	
Enhanced Bagging (eBagging): A Novel Approach for Ensemble Learning	10	⌄
Intrusion Detection System using Fuzzy Rough Set Feature Selection and…	5	⌄
A Model for English to Urdu and Hindi Machine Translation System using…	5	⌄
Machine Learning Based Prediction of Complex Bugs in Source Code	5	⌄
An Improved Grey Wolf Optimization Algorithm Based Task Scheduling in…	4	⌄
A Novel Amended Dynamic Round Robin Scheduling Algorithm for Timeshared…	4	⌄
Identity Identification and Management in the Internet of Things	4	⌄
DoS and DDoS Attack Detection Using Deep Learning and IDS	4	⌄
A Steganography Scheme on JPEG Compressed Cover Image with High…	4	⌄
Sentiment Analysis with Term Weighting and Word Vectors	4	⌄

# Journal Citation Indicator (JCI)

⬇ Export

0.20

The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in that category. It may be used alongside other metrics to help you evaluate journals. Learn more
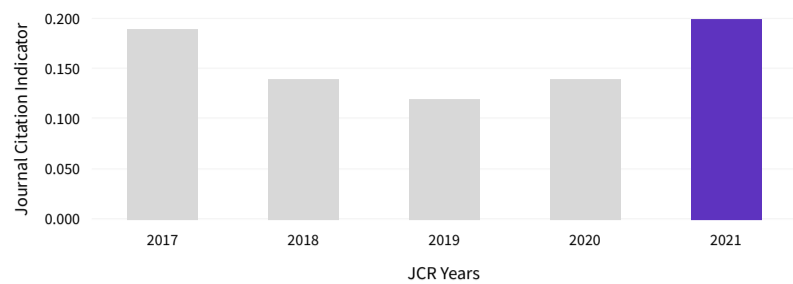
Total Citations

⬇ Export

839

The total number of times that a journal has been cited by all journals included in the database in the JCR year. Citations to journals listed in JCR are compiled annually from the JCR years combined database, regardless of which JCR edition lists the journal.
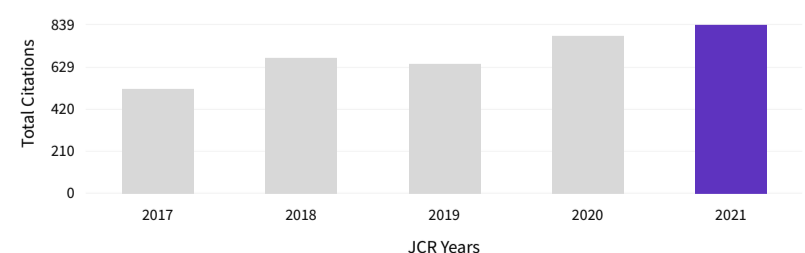
Citation distribution

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. You can view Articles, Reviews, or Non-Citable (other) items to the JIF numerator. Learn more
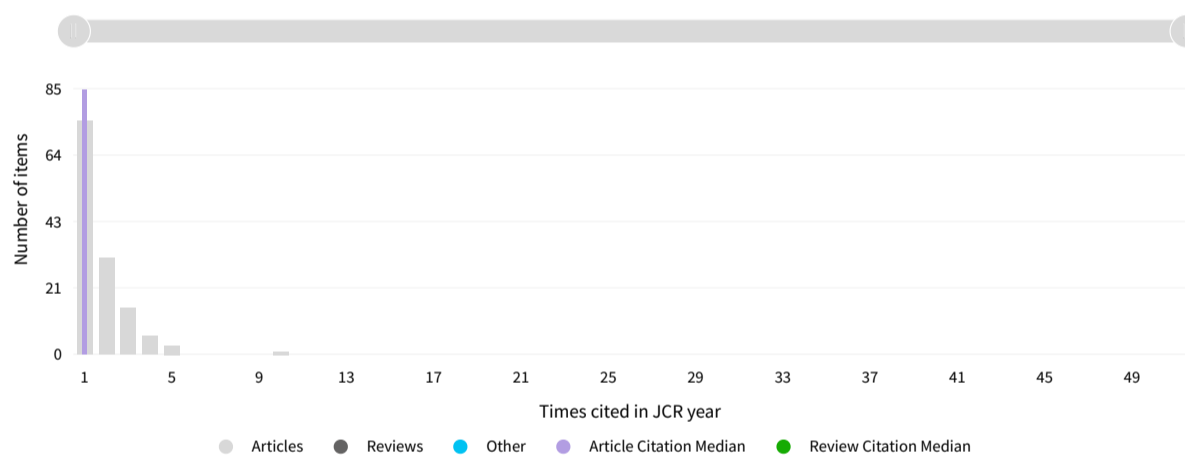
ARTICLE CITATION MEDIAN

1

REVIEW CITATION MEDIAN

N/A

UNLINKED CITATIONS

4

TIMES CITED

0

ARTICLES

112

REVIEWS

0

OTHER
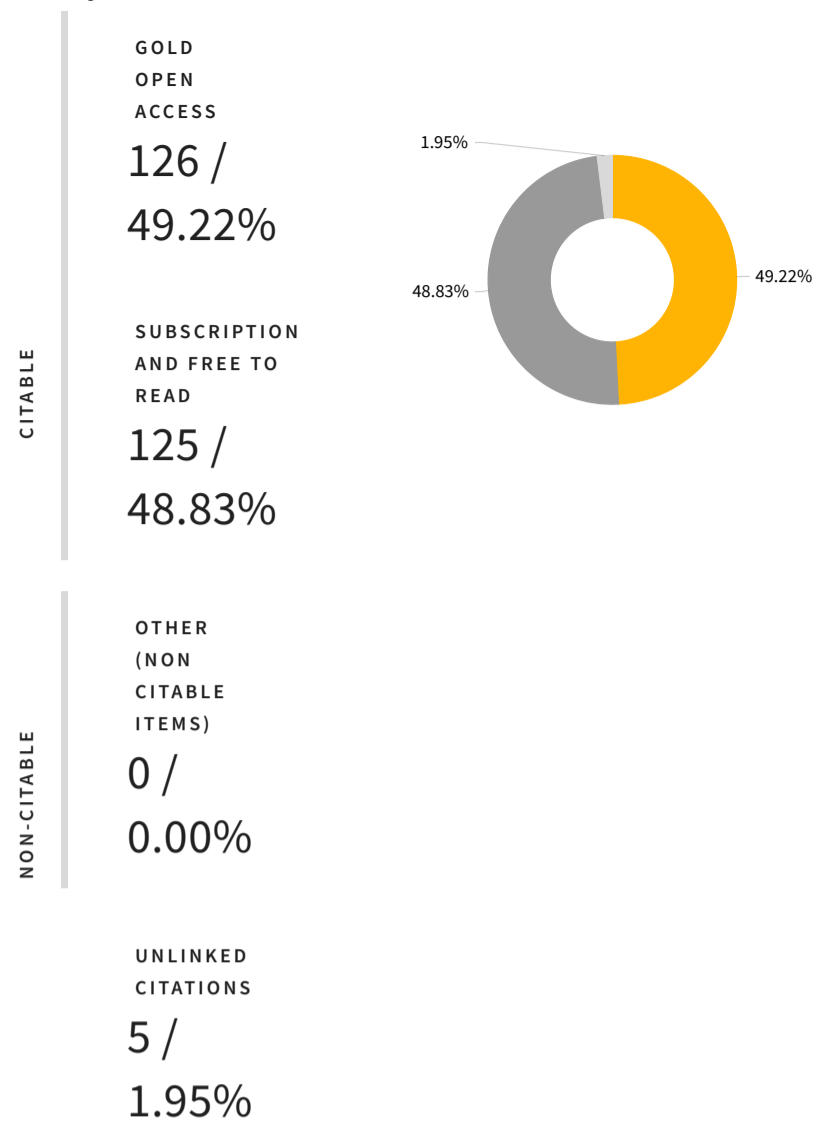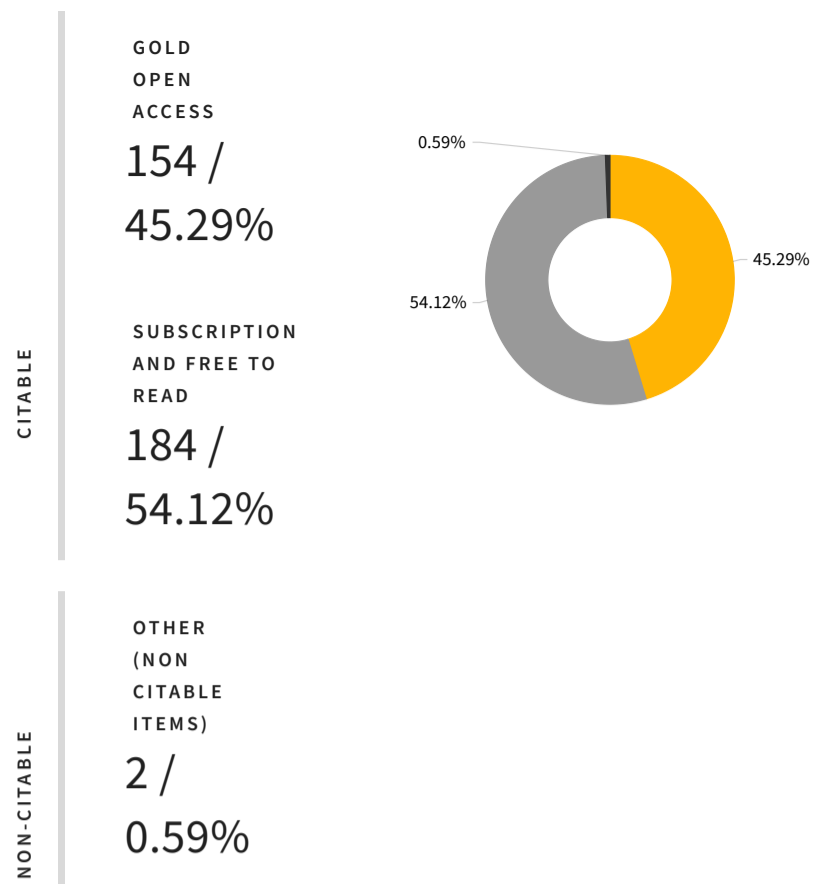
2

Open Access (OA)

The data included in this tile summarizes the items published in the journal in the JCR data year and in the previous two years. For example, in the 2020 JCR data, released in June 2021, the Open Access (OA) data show the publication model (Gold OA or subscription) of materials published in 2018, 2019 and 2020, and citations in 2020 to these items. This three-year set of published items is used to provide descriptive analysis of the content and community of the journal. Learn more

Items

TOTAL CITABLE	% OF CITABLE OA
338	45.56%

Citations*

TOTAL CITABLE	% OF CITABLE OA
251	50.20%

GOLD
OPEN
ACCESS

**154 /
45.29%**

0.59%

45.29%

54.12%

SUBSCRIPTION
AND FREE TO
READ

**184 /
54.12%**

CITABLE

OTHER
(NON
CITABLE
ITEMS)

**2 /
0.59%**

NON-CITABLE

GOLD
OPEN
ACCESS

**126 /
49.22%**

1.95%

49.22%

48.83%

SUBSCRIPTION
AND FREE TO
READ

**125 /
48.83%**

CITABLE

OTHER
(NON
CITABLE
ITEMS)

**0 /
0.00%**

NON-CITABLE

UNLINKED
CITATIONS

**5 /
1.95%**

*Citations in 2021 to items published in [2019 - 2021]

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
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

135/144

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2021	135/144	Q4	6.60	
2020	134/139	Q4	3.96	
2019	136/137	Q4	1.09	
2018	132/134	Q4	1.87	

EDITION
Science Citation Index Expanded (SCIE)

CATEGORY
COMPUTER SCIENCE, INFORMATION SYSTEMS

152/164

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2021	152/164	Q4	7.62	
2020	154/161	Q4	4.66	
2019	153/156	Q4	2.24	
2018	152/155	Q4	2.26	

‹ ○ ○ ›

Rank by Journal Citation Indicator (JCI)

Journals within a category are sorted in descending order by Journal Citation Indicator (JCI) 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

CATEGORY

COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

165/189

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2021	165/189	Q4	12.96	
2020	162/175	Q4	7.71	
2019	167/174	Q4	4.31	
2018	161/171	Q4	6.14	
2017	151/170	Q4	11.47	

CATEGORY

COMPUTER SCIENCE, INFORMATION SYSTEMS

218/246

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2021	218/246	Q4	11.59	
2020	210/223	Q4	6.05	
2019	213/223	Q4	4.71	
2018	205/220	Q4	7.05	
2017	190/216	Q4	12.27	

‹ ○ ○ ›

Citation network

Cited Half-life

4.9 years

The Cited Half-Life is the median age of the items in this journal that were cited in the JCR year. Half of a journal's cited items were published more recently than the cited half-life.

TOTAL NUMBER OF CITES

839

NON SELF-CITATIONS

714

SELF-CITATIONS

125

Cited Half-life Data

Citing Half-life

6.5 years

The Citing Half-Life is the median age of items in other publications cited by this journal in the JCR year.

TOTAL NUMBER OF CITES

2,906

NON SELF-CITATIONS

2,781

SELF-CITATIONS

125

Citing Half-life Data

⬇ Export

CITED YEAR	# OF CITES FROM 2021	CUMULATIVE %	# OF CITING SOURCES
All years	**839 citations**	**100.00%**	**338 sources** ›
2021	21 citations	2.50%	12 sources ›
2020	121 citations	16.92%	48 sources ›
2019	114 citations	30.51%	72 sources ›

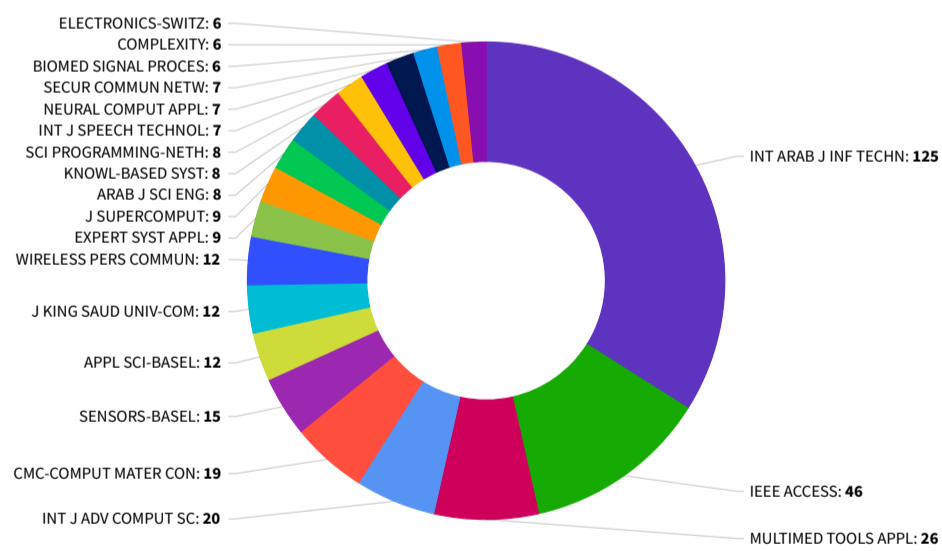| 2018 | 103 citations | 42.79% | 70 sources | > |
2017	68 citations	50.89%	46 sources	>
2016	71 citations	59.35%	51 sources	>
2015	63 citations	66.86%	44 sources	>
2014	35 citations	71.03%	29 sources	>
2013	54 citations	77.47%	48 sources	>
2012	44 citations	82.71%	35 sources	>
Older	145 citations			
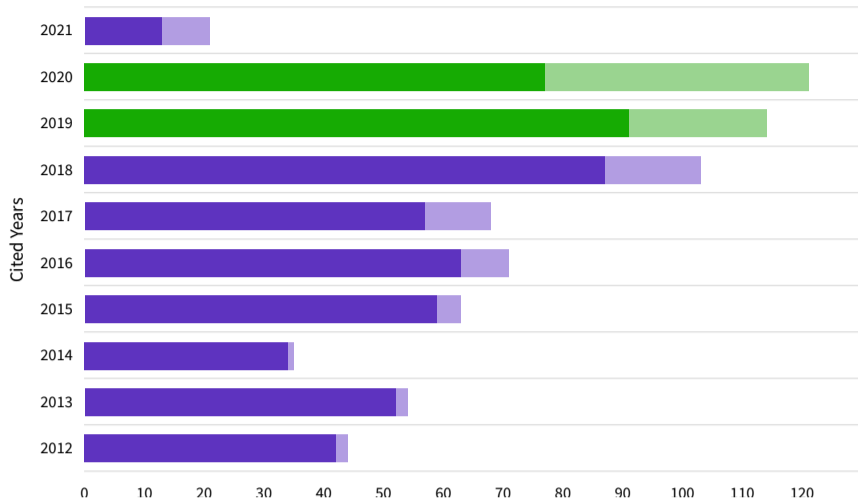
Journal Citation Relationships

Cited Data   Citing Data

Top 20 journals citing INT ARAB J INF TECHN by number of citations

ELECTRONICS-SWITZ: **6**
COMPLEXITY: **6**
BIOMED SIGNAL PROCES: **6**
SECUR COMMUN NETW: **7**
NEURAL COMPUT APPL: **7**
INT J SPEECH TECHNOL: **7**
SCI PROGRAMMING-NETH: **8**
KNOWL-BASED SYST: **8**
ARAB J SCI ENG: **8**
J SUPERCOMPUT: **9**
EXPERT SYST APPL: **9**
WIRELESS PERS COMMUN: **12**
J KING SAUD UNIV-COM: **12**
APPL SCI-BASEL: **12**
SENSORS-BASEL: **15**
CMC-COMPUT MATER CON: **19**
INT J ADV COMPUT SC: **20**

INT ARAB J INF TECHN: **125**
IEEE ACCESS: **46**
MULTIMED TOOLS APPL: **26**

Content metrics

Source data

This tile shows the breakdown of document types published by the journal. Citable Items are Articles and Reviews. For the purposes of calculating JIF, a JCR year considers the publications of that journal in the two prior years. Learn more

95 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	ⓘ PERCE
NUMBER IN JCR YEAR 2021 (A)	94	1	95	N/A	100%
NUMBER OF REFERENCES (B)	2,877	29	2,906	N/A	100%
RATIO (B/A)	30.6	29.0	30.6	N/A	

Average JIF Percentile   ⬇ Export

The Average Journal Impact Factor Percentile takes the sum of the JIF Percentile rank for each category under consideration, then calculates the average of those values.
Learn more

ALL CATEGORIES AVERAGE

8.54

EDITION
Science
Citation Index
Expanded

COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
6.60

ENGINEERING, ELECTRICAL & ELECTRONIC
11.41

Contributions by organizations   ⬇ Export

Organizations that have contributed the most papers to the journal in the most recent three-year period. Learn more

RANK	ORGANIZATION	COUNT
1	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	20
2	EGYPTIAN KNOWLEDGE BANK (EKB)	12
3	ANNA UNIVERSITY	10
4	AL AIN UNIV	8
-	PRINCESS SUMAYA UNIVERSITY FOR TECHNOLOGY	8
6	ISLAMIC AZAD UNIVERSITY	6
-	JORDAN UNIVERSITY OF SCIENCE &	6

Contributions by country/region   ⬇ Export

Countries or Regions that have contributed the most papers to the journal in the most recent three-year period.
Learn more

RANK	COUNTRY / REGION	COUNT
1	India	92
2	CHINA MAINLAND	46
3	Jordan	28
4	Pakistan	25
5	Turkey	20
6	Algeria	16
7	Malaysia	15
8	Saudi Arabia	14
	Tunisia	14

Additional metrics

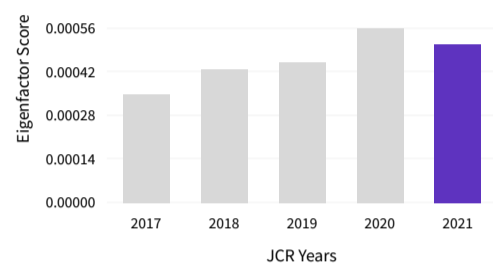Eigenfactor ⬇   Normalized ⬇   Article influence ⬇
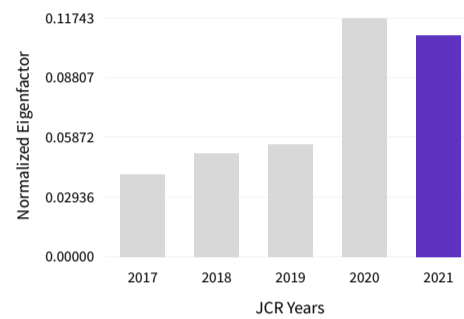
Score

0.00051

The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than less cited sources. The Eigenfactor calculation does not include journal self-citations. Learn more

Eigenfactor

0.10903

The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. Learn more

score

0.086

The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. Learn more
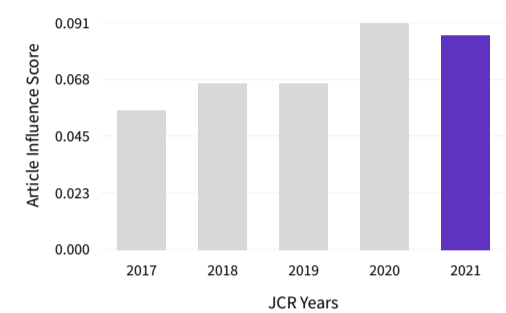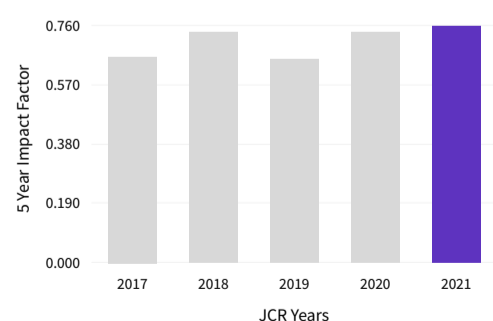
5 Year Impact Factor

0.760

View Calculation

The 5-year Impact Factor is the average number of times articles from the journal published in the past five years have been cited in the JCR year. It is calculated by dividing the number of citations in the JCR year by the total number of articles published in the five previous years.
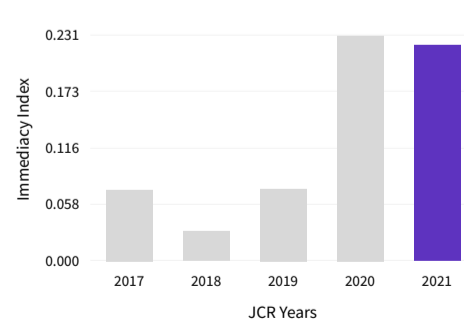
Immediacy Index

0.221

View Calculation

The Immediacy Index is the count of citations in the current year to the journal that reference content in this same year. Journals that have a consistently high Immediacy Index attract citations rapidly. Learn more

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                                                                                                        preferences

                            Copyright notice   Help