2022 Journal Performance Data for: Chemical Methodologies

ISSN
2645-7776

EISSN
2588-4344

JCR ABBREVIATION
CHEM METHODOL

ISO ABBREVIATION
Chem. Methodologies

Journal Information

EDITION
Emerging Sources Citation Index (ESCI)

CATEGORY
CHEMISTRY, MULTIDISCIPLINARY - ESCI

LANGUAGES
English

REGION
IRAN

1ST ELECTRONIC JCR YEAR
2020

Publisher Information

PUBLISHER
SAMI PUBLISHING CO-SPC

ADDRESS
DANESHJOU BOLV, PO BOX 6931936173, ILAM 00000, IRAN

PUBLICATION FREQUENCY
12 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

2022 JOURNAL IMPACT FACTOR	2022 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS
5.6	5.5

Journal Impact Factor Trend 2022

Journal Impact Factor is calculated using the following metrics

$$\frac{\text{Citations in 2022 to items published in 2020 (343) - 2021 (329)}}{\text{Number of citable items in 2020 (67) + 2021 (53)}} = \frac{672}{120} = 5.6$$

Journal Impact Factor without self cites is calculated using the following metrics

$$\frac{\text{Citations in 2022 to items published in 2020 (343) + 2021 (329) - Self Citations in 2022 to items published in 2020 (4) + 2021 (10)}}{\text{Number of citable items in 2020 (67) + 2021 (53)}} = \frac{672 - 14}{120} = 5.5$$

Journal Impact Factor Contributing Items

Citable Items (120)

TITLE	CITATION COUNT
A New Electrochemical Approach for the Determination of Phenylhydrazine in Water and Wastewater Samples using Amplified Carbon Paste Electrode Authors: Montazarolmahdi, Maliheh;Masrournia, Mahboubeh;Nezhadali, Azizollah Volume: 4 Accession number: WOS:000583189200006 Document Type: Article	36
Electrochemical Determination of Folic Acid in Fruit Juices Samples Using Electroanalytical Sensor Amplified with CuO/SWCNTs and 1-Butyl-2,3-dimethylimidazolium Hexafluorophosphate Authors: Sadeghi, Hossein;Shahidi, Seyed-Ahmad;Raeisi, Shahram Naghizadeh;Saraei, Azade Ghorbani-Hasan;Karimi, Fatemeh Volume: 4 Accession number: WOS:000583189200007 Document Type: Article	29
Electrochemical Determination of Doxorubicin in Injection Samples Using Paste Electrode Amplified with Reduced Graphene Oxide/Fe3O4 Nanocomposite and 1-Hexyl-3-methylimidazolium Hexafluorophosphate Authors: Motahharinia, Morteza;Zamani, Hassan Ali;Karimi-Maleh, Hassan Volume: 5 Accession number: WOS:000641157100003 Document Type: Article	26
Electrochemical Amplified Sensor with Mgo Nanoparticle and Ionic Liquid: A Powerful Strategy for Methyldopa Analysis Authors: Saghiri, Soheila;Ebrahimi, Mahmoud;Bozorgmehr, Mohammad Reza Volume: 5 Accession number: WOS:000648707800004 Document Type: Article	20
Fe3O4 Bonded Pyridinium-3-carboxylic acid-N-sulfonic Acid Chloride as an Efficient Catalyst for the Synthesis of 3,4-dihydropyrimidin-2(1H)-ones Authors: Khazaei, Ardeshir;Gohari-Ghalil, Fatemeh;Tavasoli, Mahsa;Rezaei-Gohar, Mohammad;Moosavi-Zare, Ahmad Reza Volume: 4 Accession number: WOS:000583186200001 Document Type: Article	20

Showing 1-5 rows of 120 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (150)

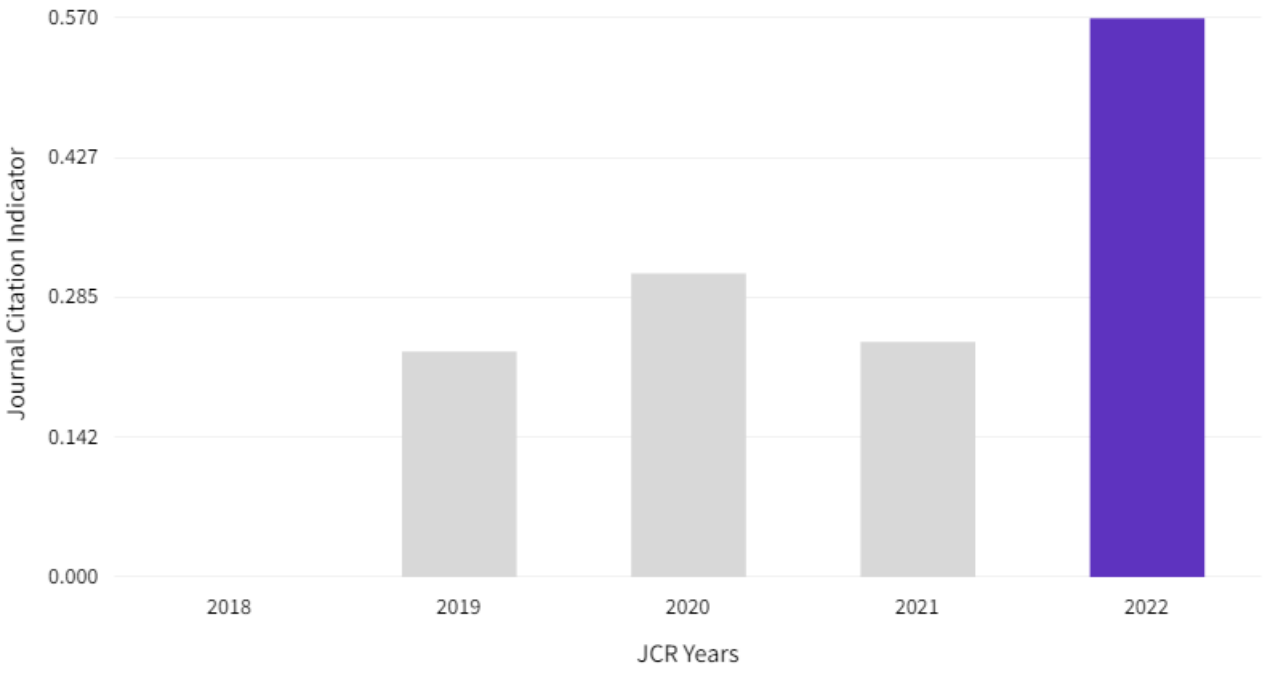
SOURCE NAME	COUNT
JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING	86
POLYCYCLIC AROMATIC COMPOUNDS	53
FOOD AND CHEMICAL TOXICOLOGY	33
COMPUTATIONAL AND THEORETICAL CHEMISTRY	27
EURASIAN CHEMICAL COMMUNICATIONS	24
CHEMOSPHERE	19
ENVIRONMENTAL RESEARCH	17
CHEMICAL METHODOLOGIES	14
ACS OMEGA	13
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	13
SYNTHETIC COMMUNICATIONS	12
INORGANIC CHEMISTRY COMMUNICATIONS	11
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	10
SILICON	10
MAIN GROUP CHEMISTRY	9
MICROMACHINES	8
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	8
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	7
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE	7
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	7

Showing 1-20 rows of 150 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.57

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

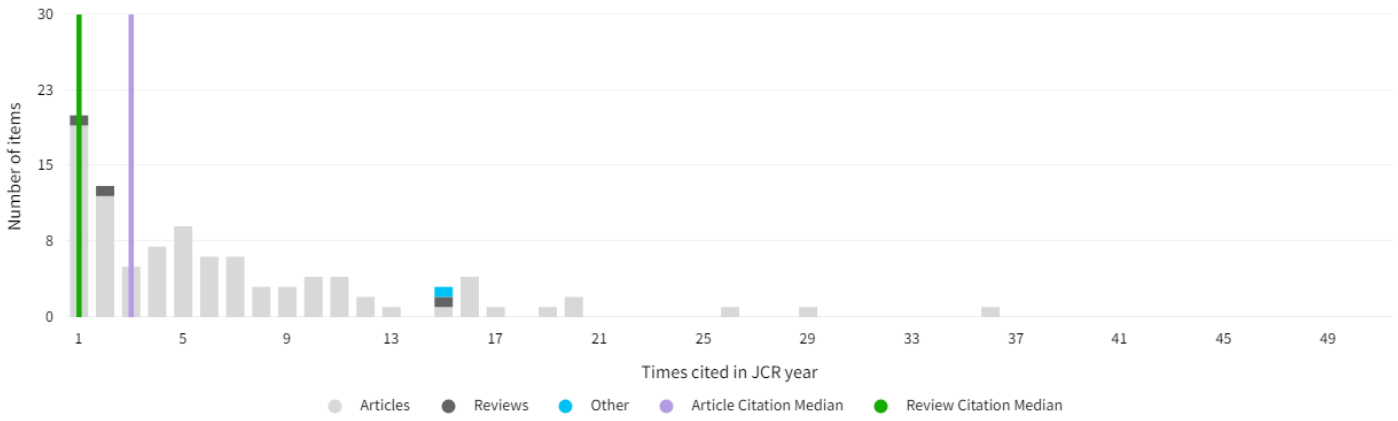
899

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	REVIEW CITATION MEDIAN	UNLINKED CITATIONS
3	1	12



0 times cited

ARTICLES	REVIEWS	OTHER
22	2	0

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. 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
214

% OF CITABLE OA
14.49%

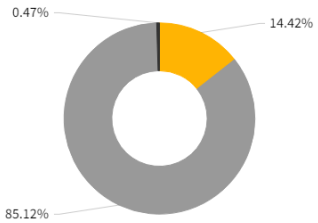
CITABLE

GOLD OPEN ACCESS
31 / 14.42%

SUBSCRIPTION OR BRONZE
183 / 85.12%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)
1 / 0.47%



Citations*

TOTAL CITABLE
730

% OF CITABLE OA
17.95%

CITABLE

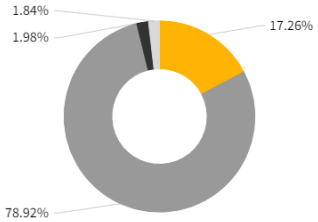
GOLD OPEN ACCESS
131 / 17.26%

SUBSCRIPTION OR BRONZE
599 / 78.92%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)
15 / 1.98%

UNLINKED CITATIONS
14 / 1.84%



* Citations in 2022 to items published in (2020-2022)

Rank by Journal Impact factor

Note: While journals indexed in AHCI and ESCI are receiving a JIF for the first time in June 2023, they will not receive ranks, quartiles, or percentiles until the release of 2023 data in June 2024.Learn more

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

CHEMISTRY, MULTIDISCIPLINARY

97/230

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE
2022	97/230	Q2	58.04
2021	148/224	Q3	34.15
2020	127/219	Q3	42.24
2019	135/215	Q3	37.44
2018	N/A	N/A	N/A
2017	N/A	N/A	N/A

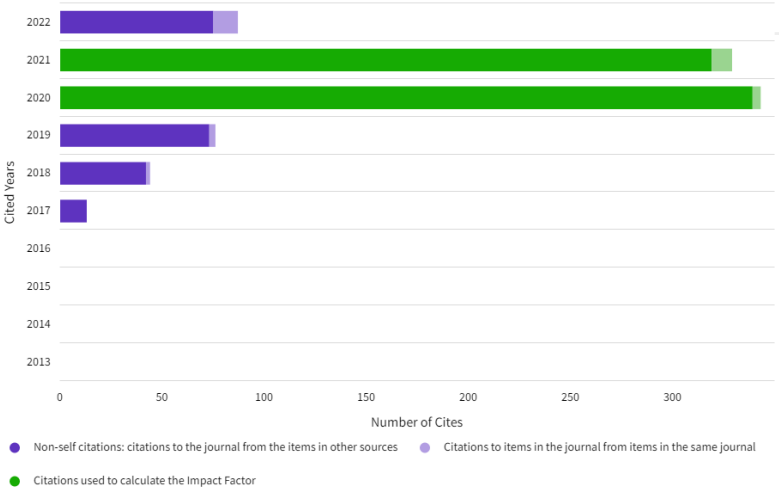
Citation network

Cited Half-life

2.1 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	NON-SELF CITATIONS	SELF CITATIONS
899	868	31



# OF CITES FROM 2022	CUMULATIVE %	# OF CITING SOURCES
899 citations	**100.00%**	**208 sources**
87 citations	9.68%	40 sources
329 citations	46.27%	99 sources
343 citations	84.43%	110 sources
76 citations	92.88%	65 sources
44 citations	97.78%	29 sources
13 citations	99.22%	12 sources
0 citations	99.22%	0 sources
0 citations	99.22%	0 sources
0 citations	99.22%	0 sources
0 citations	99.22%	0 sources
Previous years: 7 citations		

Citing titles in all years

Chemical Methodologies

	SOURCE NAME	COUNT
	All Others	100
1	Journal of Electrochemical Science and Engineering	90
2	POLYCYCLIC AROMATIC COMPOUNDS	58
3	FOOD AND CHEMICAL TOXICOLOGY	38
4	Chemical Methodologies	31
5	Computational and Theoretical Chemistry	30
6	Chemosphere	20
7	ACS Omega	17
8	ENVIRONMENTAL RESEARCH	17
9	MAIN GROUP CHEMISTRY	16
10	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	14
11	SYNTHETIC COMMUNICATIONS	14
12	INORGANIC CHEMISTRY COMMUNICATIONS	13
13	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	13
14	SEPARATION AND PURIFICATION TECHNOLOGY	11
15	APPLIED ORGANOMETALLIC CHEMISTRY	10
16	Silicon	10
17	Current Analytical Chemistry	9
18	JOURNAL OF MOLECULAR MODELING	9
19	Journal of Food Measurement and Characterization	8
20	Micromachines	8

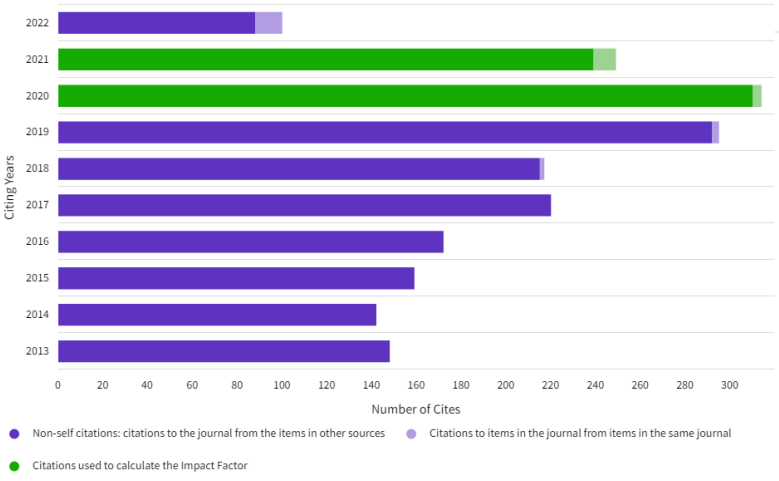
Showing 1 - 20 rows of 103 total (use export in the relevant section to download the full table)

Citing Half-life

6.1 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	NON-SELF CITATIONS	SELF CITATIONS
2,830	2,799	31



# OF CITES FROM 2022	CUMULATIVE %	# OF CITED SOURCES
2,830 citations	**100.00%**	**1,384 sources**
100 citations	3.53%	63 sources
249 citations	12.33%	169 sources
314 citations	23.43%	228 sources
295 citations	33.85%	225 sources
217 citations	41.52%	177 sources
220 citations	49.29%	184 sources
172 citations	55.37%	143 sources
159 citations	60.99%	129 sources
142 citations	66.01%	117 sources
148 citations	71.24%	132 sources
Previous years: 814 citations		

Cited titles in all years

Chemical Methodologies

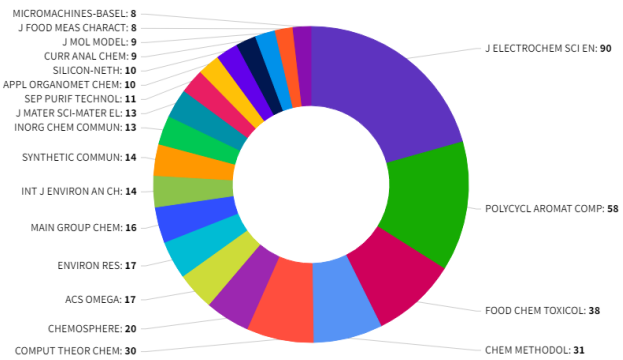
	SOURCE NAME	COUNT
	All Others	955
1	MOLECULES	41
2	Chemical Methodologies	31
3	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	31
4	RSC Advances	29
5	Journal of Molecular Structure	28
6	APPLIED ORGANOMETALLIC CHEMISTRY	23
7	JOURNAL OF MOLECULAR LIQUIDS	22
8	SENSORS AND ACTUATORS B-CHEMICAL	21
9	Baghdad Science Journal	17
10	Scientific Reports	16
11	JOURNAL OF COLLOID AND INTERFACE SCIENCE	15
12	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	15
13	BIOSENSORS & BIOELECTRONICS	14
14	JOURNAL OF MEDICINAL CHEMISTRY	14
15	MICROCHEMICAL JOURNAL	14
16	BIOORGANIC & MEDICINAL CHEMISTRY	13
17	Chemosphere	13
18	Food Chemistry	13
19	ACS Omega	12
20	BIORESOURCE TECHNOLOGY	12

Showing 1 - 20 rows of 344 total (use export in the relevant section to download the full table)

Journal Citation Relationships

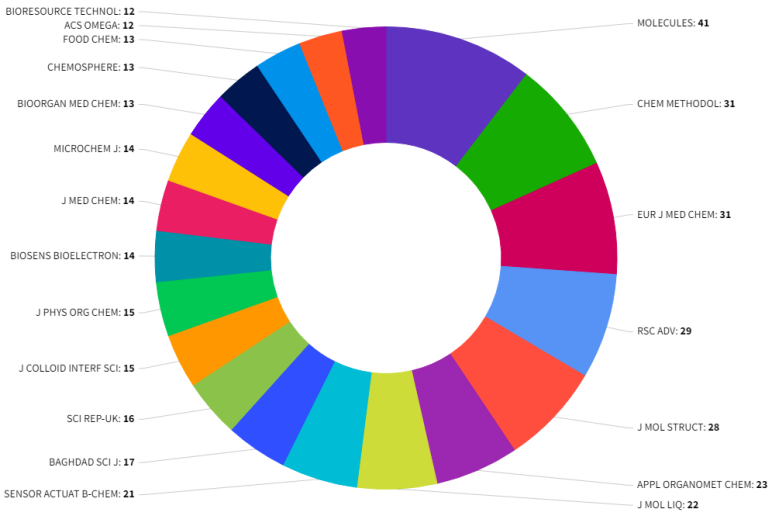
Cited Data

Top 20 journals citing CHEM METHODOL by number of citations



Citing Data

Top 20 journals cited by CHEM METHODOL by number of citations



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

94 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	93	1	94	0	100%
NUMBER OF REFERENCES (B)	2,804	26	2,830	0	100%
RATIO (B/A)	30.2	26.0	30.1	N/A	

Contributions by Organizations

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

RANK	ORGANIZATION	COUNT
1	ISLAMIC AZAD UNIVERSITY	63
2	UNIVERSITY OF BAGHDAD	60
3	PAYAME NOOR UNIVERSITY	13
4	GRADUATE UNIVERSITY OF ADVANCED TECHNOLOGY	6
5	GOLESTAN UNIV	5
-	IRAN UNIVERSITY SCIENCE & TECHNOLOGY	5
-	QUCHAN UNIV TECHNOL	5
8	SAVITRIBAI PHULE PUNE UNIVERSITY	4

Showing 1 - 8 rows of 154 total (use export in the relevant section to download the full table)

Contributions by country/region

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	Iran	114
2	Iraq	70
3	India	16
4	Algeria	3
-	Bangladesh	3
-	CHINA MAINLAND	3
-	USA	3
8	Kazakhstan	2

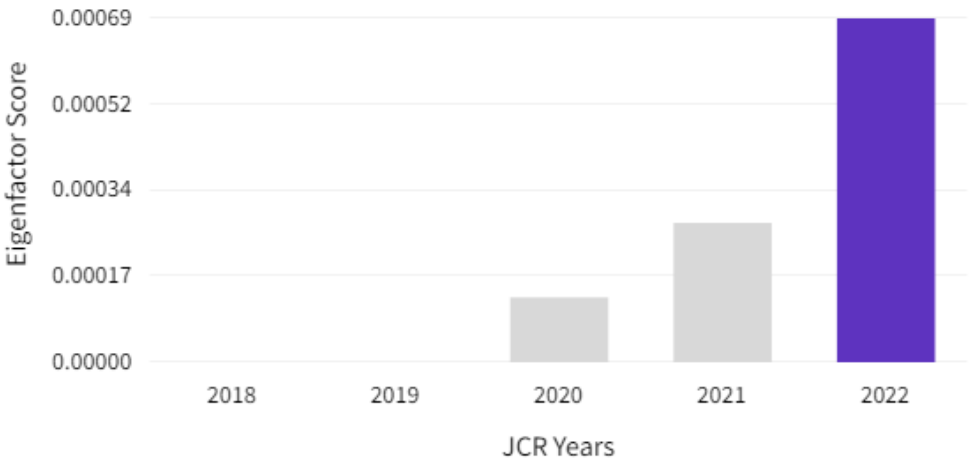
Showing 1 - 8 rows of 24 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00069

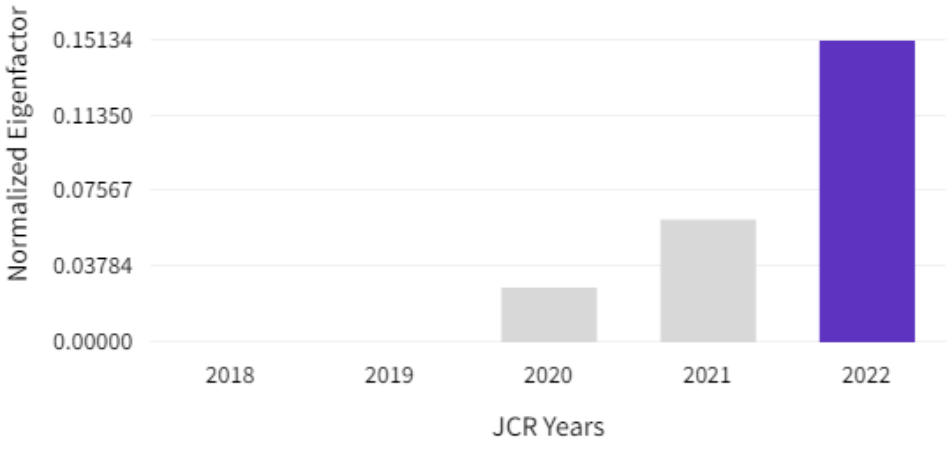
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.15134

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

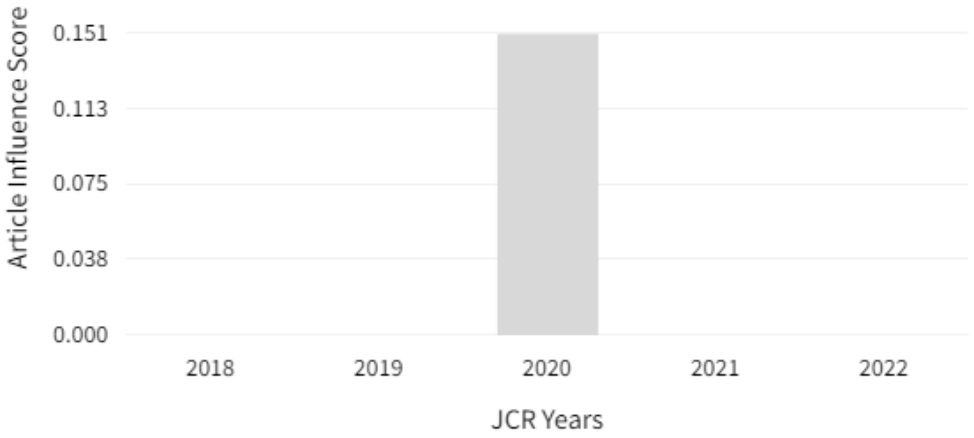


Article influence score

N/A

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

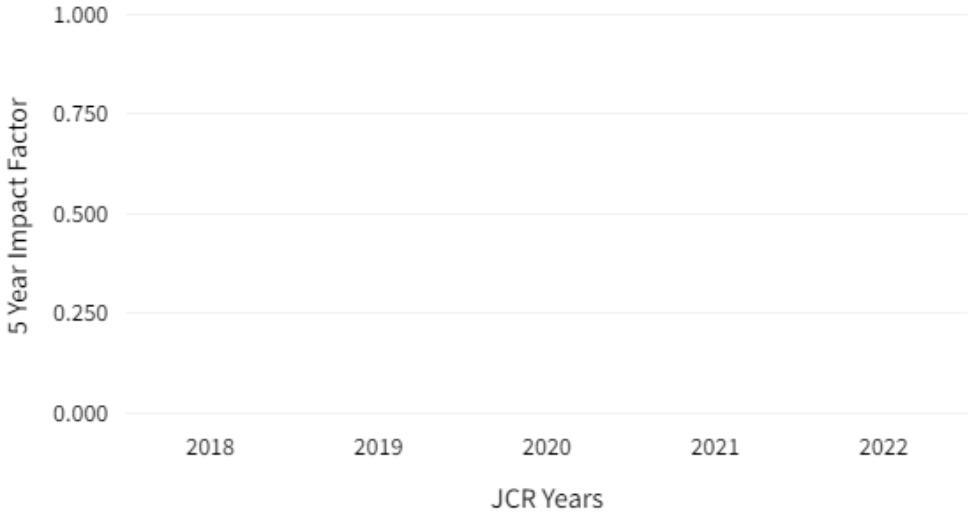
Why is the value N/A?
The Article Influence Score requires one year of citations and 6 prior years of source counts. For journals newly listed in the JCR the data necessary for the calculation of AI was not complete and the metric could not be calculated. Learn more



5 year Impact Factor

N/A

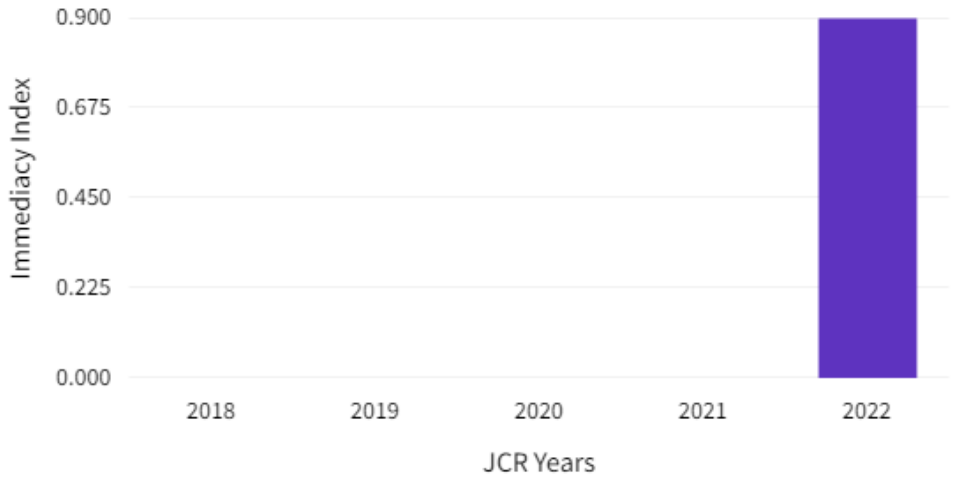
The 5-year Impact Factor is the average number of times articles from the journal published in the past five years have been cited in the JCR year. It is calculated by dividing the number of citations in the JCR year by the total number of articles published in the five previous years.



Immediacy Index

0.9

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



Immediacy Index calculation

Cites in 2022 to items published in 2022	87	87 / 94 = 0.9
Number of items published in 2022	94	

