

JCR Year  
2023

# CZECHOSLOVAK MATHEMATICAL JOURNAL

ISSN  
0011-4642

EISSN  
1572-9141

JCR ABBREVIATION  
CZECH MATH J

ISO ABBREVIATION  
Czech. Math. J.

## Journal information

EDITION  
Science Citation Index Expanded (SCIE)

CATEGORY  
MATHEMATICS

LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	CZECH REPUBLIC	1997

## Publisher information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
SPRINGER HEIDELBERG	TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY	5 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](#)

2023 JOURNAL IMPACT FACTOR  
**0.4**

[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS  
**0.4**

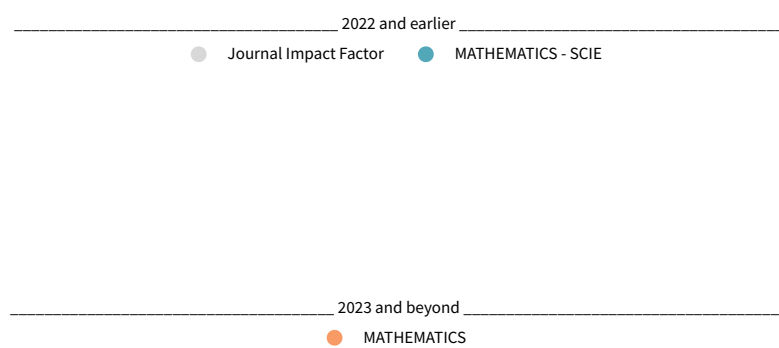
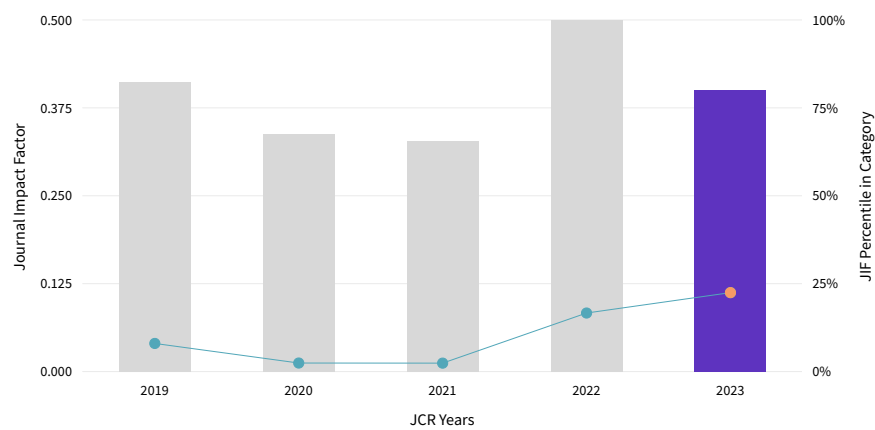
[View calculation](#)

## Journal Impact Factor contributing items [Export](#)

Citable items (148)	Citing Sources (47)
---------------------	---------------------

TITLE	CITATION COUNT
Trudinger's Inequality for Double Phase Functionals with Variable Exponents	8

## Journal Impact Factor Trend 2023 [Export](#)



[View all years](#)

## Journal Citation Indicator (JCI)

Export

0.38

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](#)

A Convex Treatment of Numerical Radius Inequalities	4	▼
Pairs of Square-Free Values of the Type $n^2+1, n^2+2$	4	▼
Spanning Trees Whose Reducible Stems Have a Few Branch Vertices	3	▼
Classification of ideals of 8-dimensional Radford Hopf algebra	2	▼
Finite Groups in which Every Self-Centralizing Subgroup is Nilpotent or...	2	▼
Morse-Bott Functions with Two Critical Values on a Surface	2	▼
Signed Graphs with at Most Three Eigenvalues	2	▼
5-Dissections and Sign Patterns of Ramanujan's Parameter and Its...	1	▼
$n$ -gr-Coherent Rings and Gorenstein Graded Modules	1	▼

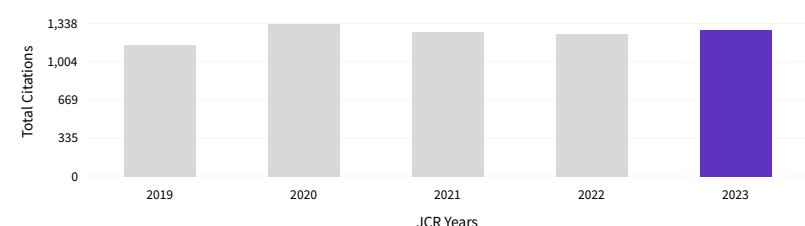
[View All in Web of Science](#)

## Total Citations

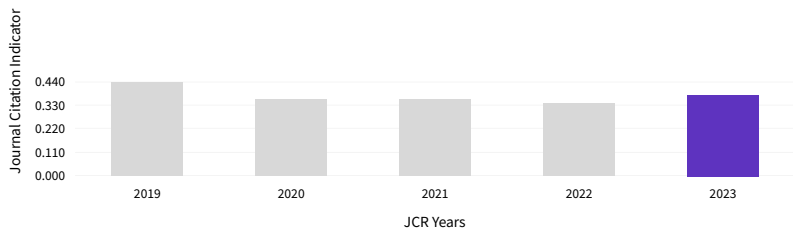
Export

1,283

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.



[View all years](#)



[View all years](#)

## 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. You can view Articles, Reviews, or Non-Citable (other) items to the JIF numerator. [Learn more](#)

ARTICLE CITATION  
MEDIAN

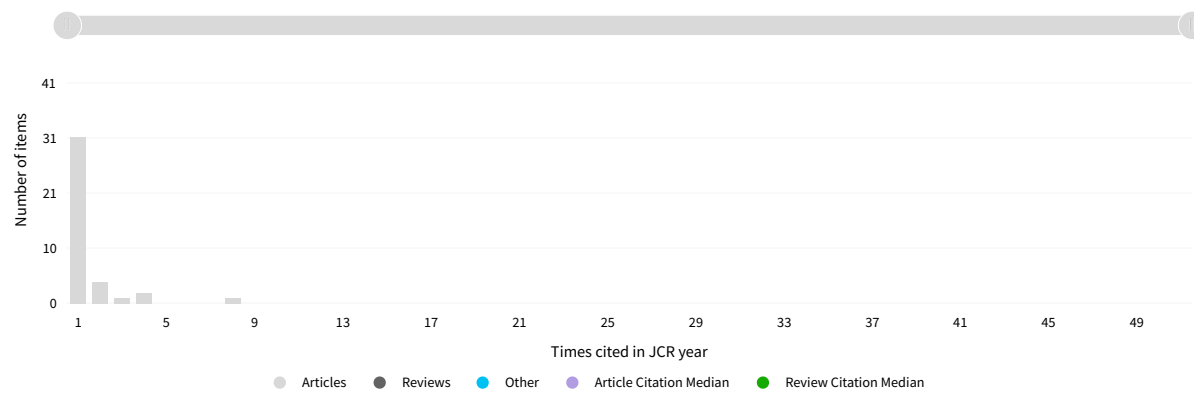
0

REVIEW CITATION  
MEDIAN

N/A

UNLINKED CITATIONS

1



TIMES CITED

0

ARTICLES

109

REVIEWS

0

OTHER

0

## Open Access (OA)

[Export](#)

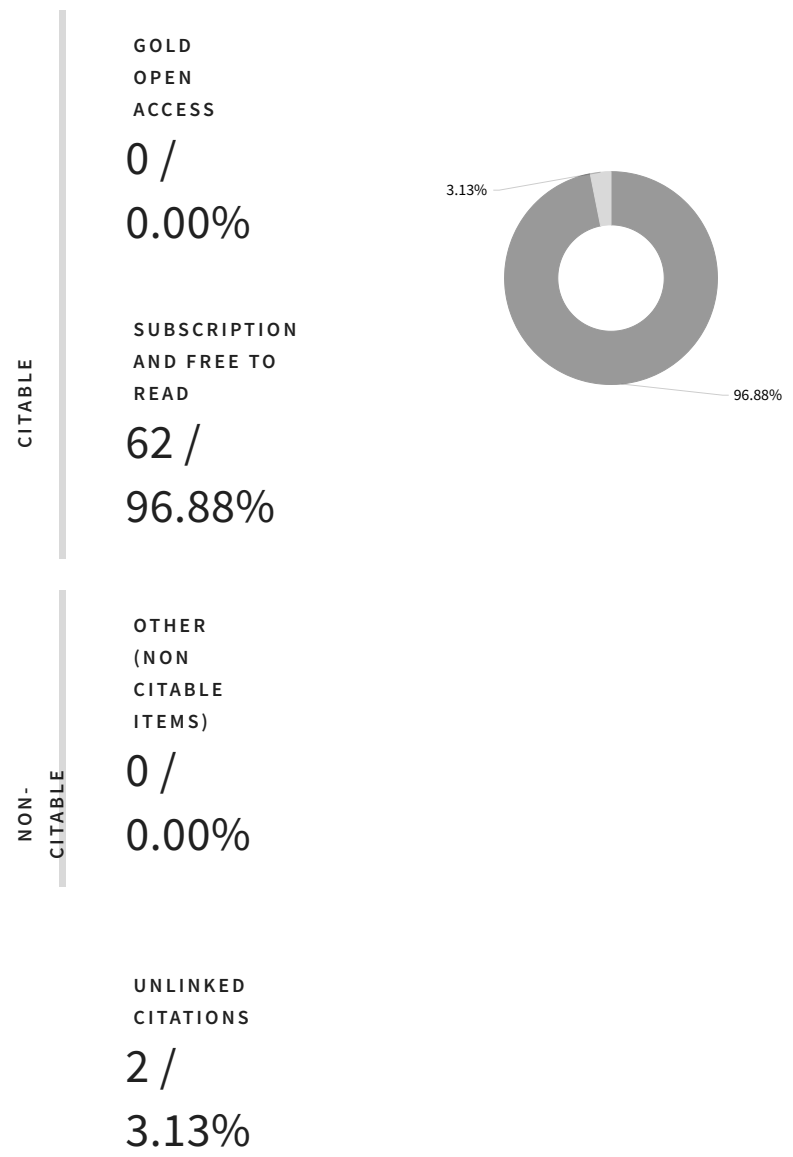
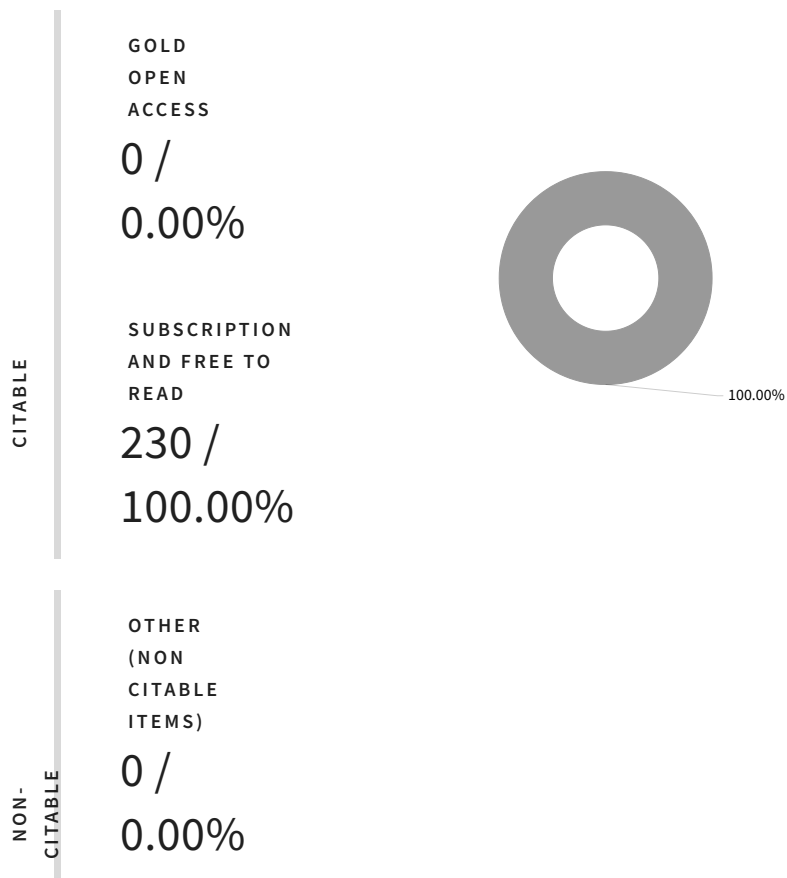
The data included in this tile summarizes the items published in the journal in the JCR data year and in the previous two years. This three-year set of published items is used to provide descriptive analysis of the content and community of the journal. [Learn more](#)

### Items

TOTAL CITABLE 230  
% OF CITABLE OA 0.00%

### Citations\*

TOTAL CITABLE 62  
% OF CITABLE OA 0.00%



\*Citations in 2023 to items published in [2021 - 2023]

## 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. Beginning in 2023, ranks are calculated by category. [Learn more](#)

CATEGORY

**MATHEMATICS**

**379/489**

JCR YEAR JIF RANK JIF QUARTILE JIF PERCENTILE

2023 379/489 Q4 22.6

### Rank by JIF before 2023 for MATHEMATICS

EDITION

Science Citation Index Expanded (SCIE)

JCR YEAR JIF RANK JIF QUARTILE JIF PERCENTILE

2022 275/330 Q4 16.8

2021 325/333 Q4 2.55

2020 322/330 Q4 2.58

2019 299/325 Q4 8.15

# 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

**MATHEMATICS**

**386/489**

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2023	386/489	Q4	21.17	<input type="text"/>
2022	416/485	Q4	14.33	<input type="text"/>
2021	408/475	Q4	14.21	<input type="text"/>
2020	401/471	Q4	14.97	<input type="text"/>
2019	371/470	Q4	21.17	<input type="text"/>
2018	368/469	Q4	21.64	<input type="text"/>
2017	374/462	Q4	19.16	<input type="text"/>

# Citation network

## Cited Half-life

**26.7 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

**1,283**

NON SELF-CITATIONS

**1,248**

SELF-CITATIONS

**35**

Cited Half-life Data

## Citing Half-life

**17.8 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

**1,706**

NON SELF-CITATIONS

**1,671**

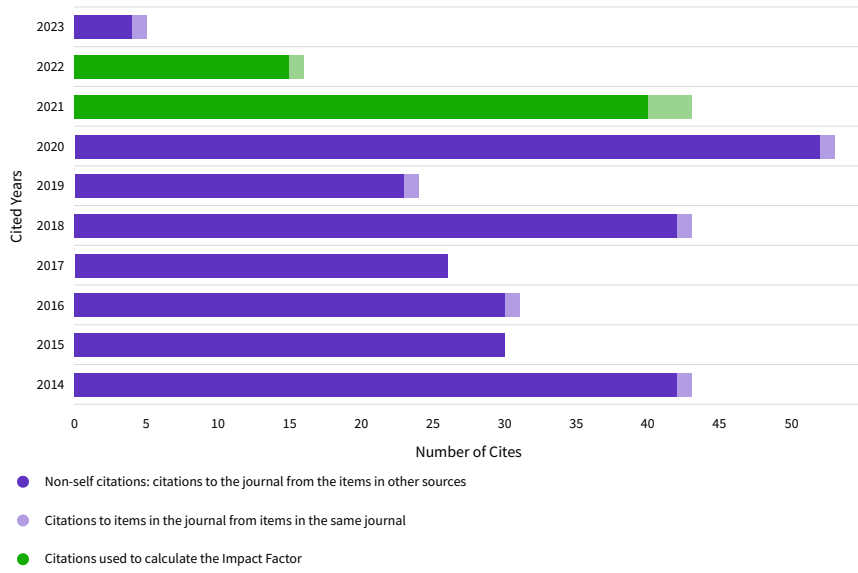
SELF-CITATIONS

**35**

Citing Half-life Data

[↓ Export](#)

CITED YEAR	# OF CITES FROM 2023	CUMULATIVE %	# OF CITING SOURCES
<b>All years</b>	<b>1,283 citations</b>	<b>100.00%</b>	<b>449 sources</b> >
2023	5 citations	0.39%	5 sources >
2022	16 citations	1.64%	16 sources >
2021	43 citations	4.99%	36 sources >
2020	53 citations	9.12%	39 sources >
2019	24 citations	10.99%	22 sources >
2018	43 citations	14.34%	32 sources >
2017	26 citations	16.37%	20 sources >
2016	31 citations	18.78%	28 sources >
2015	30 citations	21.12%	27 sources >
2014	43 citations	24.47%	37 sources >
Older	969 citations		

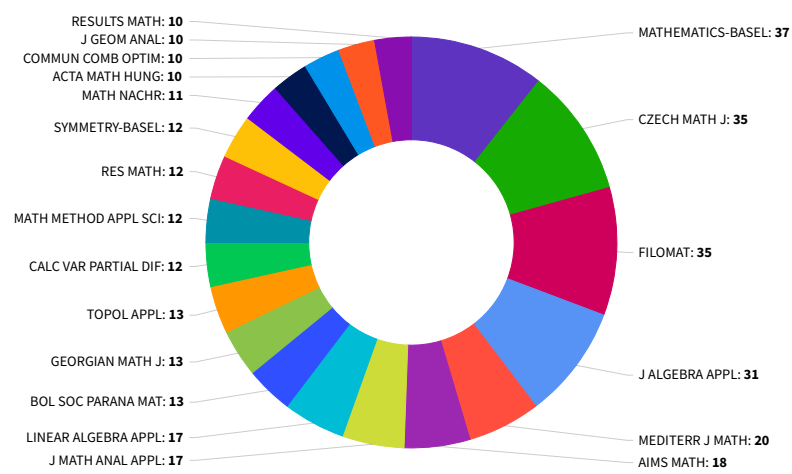


## Journal Citation Relationships

Cited Data

Citing Data

Top 20 journals citing CZECH MATH J 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](#)

**82 total citable items**

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PERCENTAGE
NUMBER IN JCR YEAR 2023 (A)	82	0	82	0	100%
NUMBER OF REFERENCES (B)	1,706	0	1,706	0	100%
RATIO (B/A)	20.8	N/A	20.8	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	MATHEMATICS
<b>22.6</b>	<b>22.6</b>

## 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	YANGZHOU UNIVERSITY	7
2	NANJING NORMAL UNIVERSITY	5
3	BEIJING UNIVERSITY OF TECHNOLOGY	4
-	HOMI BHABHA NATIONAL INSTITUTE	4
-	NORTHWEST NORMAL UNIVERSITY - CHINA	4
-	-----	-

## 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](#)

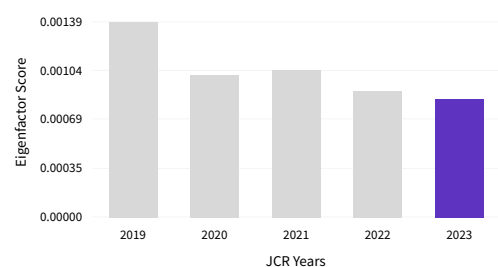
RANK	COUNTRY / REGION	COUNT
1	CHINA MAINLAND	113
2	Iran	20
3	India	16
4	USA	14
5	Morocco	9
6	Spain	6
7	Japan	5
-	Thailand	5
9	Canada	4

# Additional metrics

## Eigenfactor Score

**0.00084**

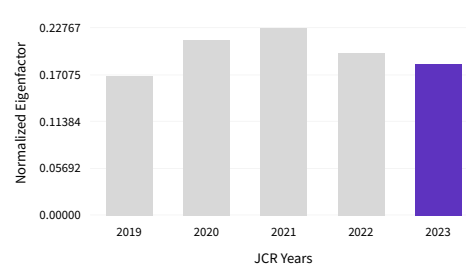
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



## Normalized Eigenfactor

**0.18454**

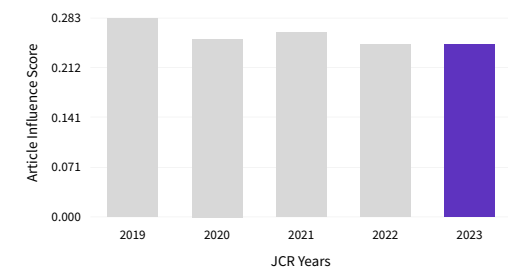
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



## Article influence score

**0.246**

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

**0.4**

[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. [Learn more](#)

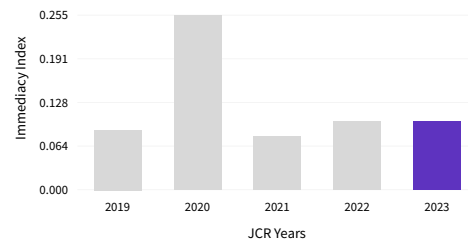
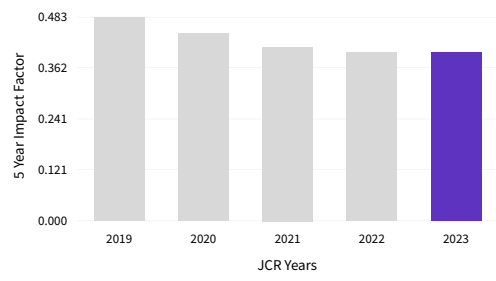
## Immediacy Index

**0.1**

[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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