

JCR Year
2024

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

English

REGION

CZECH REPUBLIC

1ST ELECTRONIC JCR YEAR

1997

Publisher information

PUBLISHER

SPRINGER
HEIDELBERG

ADDRESS

TIERGARTENSTRASSE
17, D-69121
HEIDELBERG,
GERMANY

PUBLICATION FREQUENCY

3 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](#)

2024 JOURNAL IMPACT
FACTOR

0.5

[View calculation](#)JOURNAL IMPACT FACTOR WITHOUT SELF
CITATIONS

0.5

[View calculation](#)**Journal Impact Factor contributing
items**[Export](#)

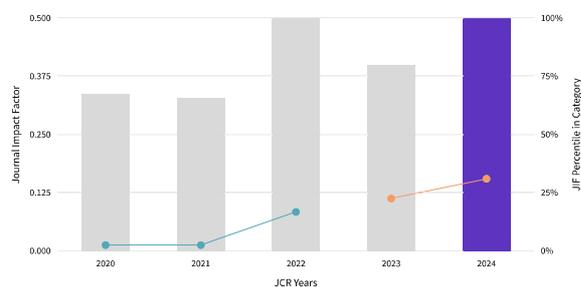
Citable items (153)

Citing Sources (52)



Journal Impact Factor Trend 2024

↓ Export



2022 and earlier

- Journal Impact Factor
- MATHEMATICS - SCIE

2023 and beyond

- MATHEMATICS

[View all years](#)

Journal Citation Indicator (JCI)

↓ Export

0.37

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](#)

TITLE	CITATION COUNT	
A Convex Treatment of Numerical Radius Inequalities	12	↓
On hyper-Zagreb index conditions for hamiltonicity of graphs	8	↓
ON DISTANCE LAPLACIAN ENERGY IN TERMS OF GRAPH INVARIANTS	6	↓
ON THE AVERAGE BEHAVIOR OF THE FOURIER COEFFICIENTS OF j TH...	3	↓
A DIOPHANTINE EQUATION INVOLVING SPECIAL PRIME NUMBERS	2	↓
A NEW INCLUSION INTERVAL FOR THE REAL EIGENVALUES OF REAL...	2	↓
On the invariance of certain types of generalized Cohen-Macaulay...	2	↓
On the Quasi-Periodic p -Adic Ruban Continued Fractions	2	↓
On the Zeros of a Quaternionic Polynomial: An Extension of the...	2	↓
The Factorization of the Weighted Hardy Space in Terms of Multilinear...	2	↓

[View All in Web of Science](#)

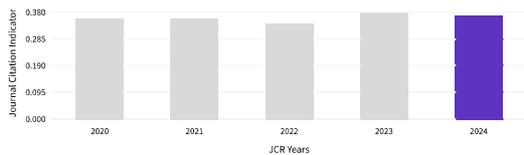
Total Citations

↓ Export

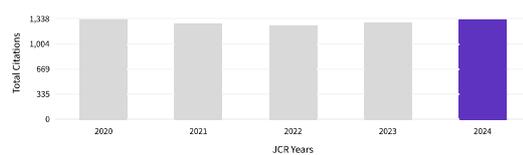
1,336

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

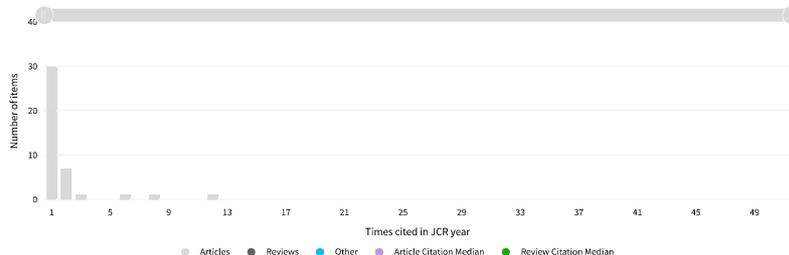
0

REVIEW CITATION
MEDIAN

N/A

UNLINKED
CITATIONS

0



TIMES CITED

0

ARTICLES

112

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](#)

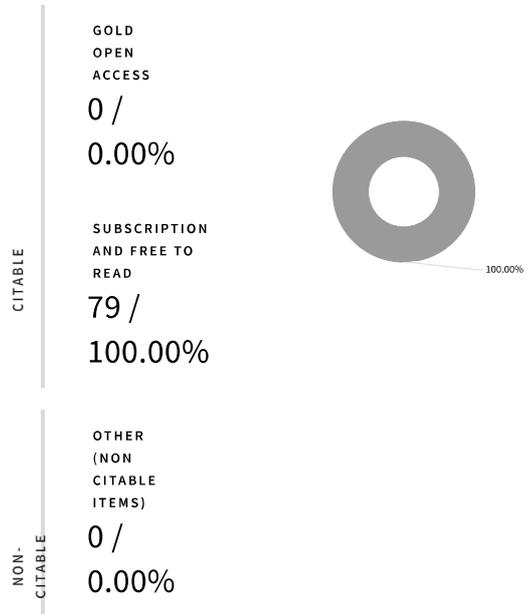
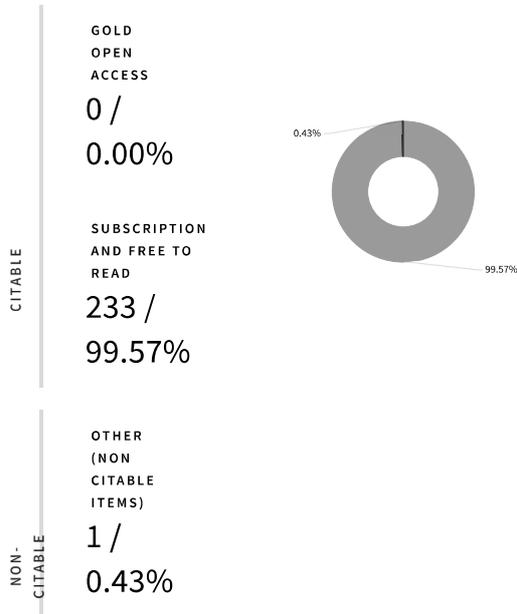
Items

TOTAL CITABLE 233
% OF CITABLE OA 0.00%

Citations*

TOTAL CITABLE 79
% OF CITABLE OA 0.00%





UNLINKED CITATIONS
0 / 0.00%

*Citations in 2024 to items published in [2022 - 2024]



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

334/483

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2024	334/483	Q3	31.0 
2023	380/490	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 

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

387/487

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE
2024	387/487	Q4	20.64 
2023	389/490	Q4	20.71 
2022	416/485	Q4	14.33 
2021	408/475	Q4	14.21 
2020	401/471	Q4	14.97 
2019	371/470	Q4	21.17 
2018	368/469	Q4	21.64 



Citation network

Cited Half-life

25.0 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

1,336

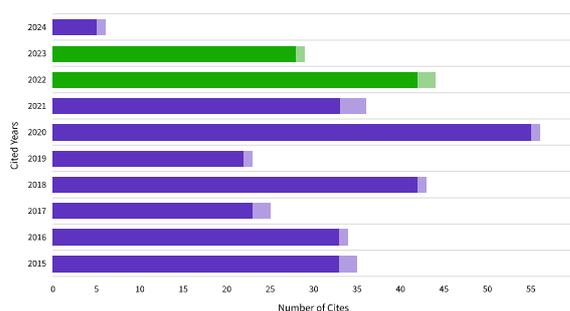
NON SELF-CITATIONS

1,304

SELF-CITATIONS

32

Cited Half-life Data



- Non-self citations: citations to the journal from the items in other sources
- Citations to items in the journal from items in the same journal
- Citations used to calculate the Impact Factor

Citing Half-life

16.5 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

1,591

NON SELF-CITATIONS

1,559

SELF-CITATIONS

32

Citing Half-life Data

↓ Export

CITED YEAR	# OF CITES FROM 2024	CUMULATIVE %	# OF CITING SOURCES
All years	1,336 citations	100.00%	472 sources >
2024	6 citations	0.45%	6 sources >
2023	29 citations	2.62%	24 sources >
2022	44 citations	5.91%	38 sources >
2021	36 citations	8.61%	33 sources >
2020	56 citations	12.80%	41 sources >
2019	23 citations	14.52%	19 sources >
2018	43 citations	17.74%	35 sources >
2017	25 citations	19.61%	22 sources >
2016	34 citations	22.16%	27 sources >
2015	35 citations	24.78%	28 sources >
Older	1,005 citations		

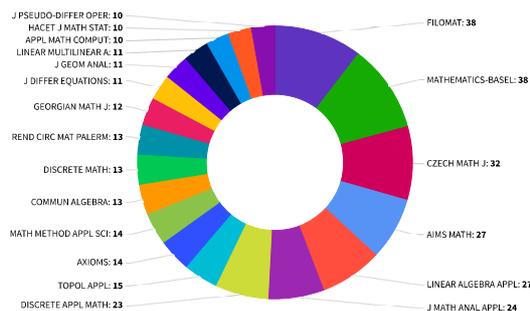


Journal Citation Relationships

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](#)

80 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PE
NUMBER IN JCR YEAR 2024 (A)	80	0	80	1	99%

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](#)



NUMBER OF REFERENCES (B)	1,589	0	1,589	2	100%	ALL CATEGORIES AVERAGE	MATHEMATICS
						31.0	31.0
RATIO (B/A)	19.9	N/A	19.9	2.0			

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	BEIJING UNIVERSITY OF TECHNOLOGY	5
-	HENAN UNIVERSITY	5
-	SHANDONG UNIVERSITY	5
5	HUNAN UNIVERSITY OF TECHNOLOGY & BUSINESS	4
-	MARMARA UNIVERSITY	4
-	NANJING NORMAL UNIVERSITY	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	114
2	INDIA	25
3	IRAN	17
4	USA	10
5	MOROCCO	8
-	TURKIYE	8
7	CZECH REPUBLIC	7
8	SOUTH KOREA	6
9	JAPAN	5

Additional metrics

Eigenfactor Score

[Export](#)

0.00083

The Eigenfactor Score is a reflection of the density of the network of citations around the

Normalized Eigenfactor

[Export](#)

0.18563

The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the

Article influence score

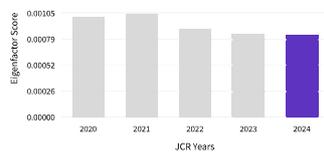
[Export](#)

0.252

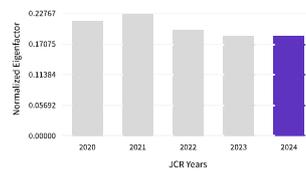
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size



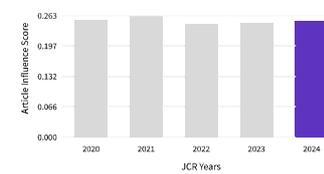
journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than less cited sources. The Eigenfactor calculation does not include journal self-citations.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



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](#)



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](#)

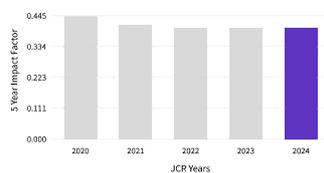


5 Year Impact Factor

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](#)

