
2018 Journal Performance Data for: CZECHOSLOVAK MATHEMATICAL JOURNAL

ISSN: 0011-4642
eISSN: 1572-9141
SPRINGER HEIDELBERG
TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY
[CZECH REPUBLIC](#)

TITLES

ISO: Czech. Math. J.
JCR Abbrev: CZECH MATH J

LANGUAGES

English

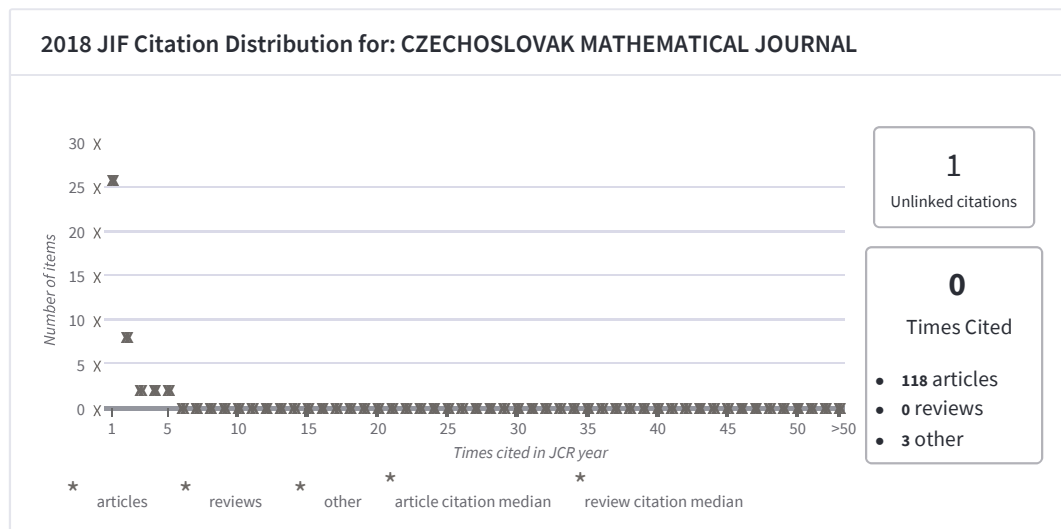
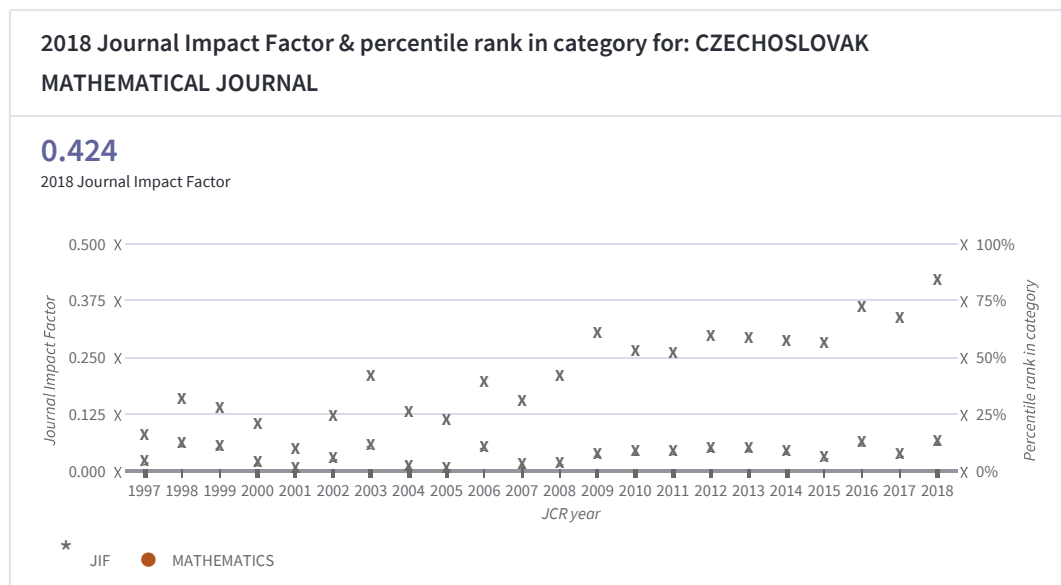
CATEGORIES

MATHEMATICS - SCIE

PUBLICATION FREQUENCY

4 issues/year

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2018 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.



Journal Impact Factor Calculation

$$2018 \text{ Journal Impact Factor} = \frac{67}{158} = 0.424$$

How is Journal Impact Factor Calculated?

$$\text{JIF} = \frac{\text{Citations in 2018 to items published in } \mathbf{2016 (43)} + \mathbf{2017 (24)}}{\text{Number of citable items in } \mathbf{2016 (82)} + \mathbf{2017 (76)}} = \frac{67}{158}$$

Journal Impact Factor contributing items

Citable items in 2017 and 2016 (158)

TITLE	CITATIONS COUNTED TOWARDS JIF
Spectral radius and Hamiltonicity of graphs with large minimum degree By: Nikiforov, Vladimir Volume: 66 Page: 925-940 Accession number: WOS:000386074600025 Document Type: Article	5
On the regularity of the one-sided Hardy-Littlewood maximal functions By: Liu, Feng; Mao, Suzhen Volume: 67 Page: 219-234 Accession number: WOS:000399240000015 Document Type: Article	5
Musielak-Orlicz-Sobolev spaces with zero boundary values on metric measure spaces By: Ohno, Takao; Shimomura, Tetsu Volume: 66 Page: 371-394 Accession number: WOS:000379059500007 Document Type: Article	4
Connectivity, toughness, spanning trees of bounded degree, and the spectrum of regular graphs By: Cioab, Sebastian M.; Gu, Xiaofeng Volume: 66 Page: 913-924 Accession number: WOS:000386074600024 Document Type: Article	4
Computing the determinantal representations of hyperbolic forms By: Chien, Mao-Ting; Nakazato, Hiroshi Volume: 66 Page: 633-651 Accession number: WOS:000386074600007 Document Type: Article	3
Essential norm and a new characterization of weighted composition operators from weighted Bergman spaces and Hardy spaces into the Bloch space By: Li, Songxiao; Qian, Ruishen; Zhou, Jizhen Volume: 67 Page: 629-643 Accession number: WOS:000410174600003 Document Type: Article	3
Some characterizations of harmonic Bloch and Besov spaces By: Fu, Xi; Lu, Bowen Volume: 66 Page: 417-430 Accession number: WOS:000379059500010 Document Type: Article	2

Citations in 2018 (67)

TITLE	CITATIONS COUNTED TOWARDS JIF
LINEAR & MULTILINEAR ALGEBRA	6
JOURNAL OF FUNCTION SPACES	5
CZECHOSLOVAK MATHEMATICAL JOURNAL	4
ELECTRONIC JOURNAL OF LINEAR ALGEBRA	4
LINEAR ALGEBRA AND ITS APPLICATIONS	4
MONATSHEFTE FUR MATHEMATIK	4
ADVANCES IN DIFFERENCE EQUATIONS	2
JOURNAL OF GEOMETRY AND PHYSICS	2
JOURNAL OF INEQUALITIES AND APPLICATIONS	2
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY	2

Key Indicators 2018

Impact metrics		Influence metrics		Source metrics	
Total Cites	1,099	Eigenfactor Score	0.00145	Citable Items	77
Journal Impact Factor	0.424	Article Influence Score	0.284	% Articles in Citable Items	100.00
5 Year Impact Factor	0.447	Normalized Eigenfactor *	0.17269	Average JIF Percentile	12.939
Immediacy Index	0.156			Cited Half-Life	23.3
Impact Factor Without Journal Self Cites	0.398			Citing Half-Life	14.3

Source data

Journal source data 2018

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2018 (A)	77	0	77	n/a	100%
Number of References (B)	1,263	0	1,263	n/a	100%
Ratio (B/A)	16.4	0.0	16.4	0.0	

Box plot

Category Box Plot 2018

Category Box Plot

The category 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 (Q1). The horizontal line that forms the bottom is the 25th percentile (Q3). 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)

$Q1\ IF + 3.5(Q1\ IF - Q3\ IF)$

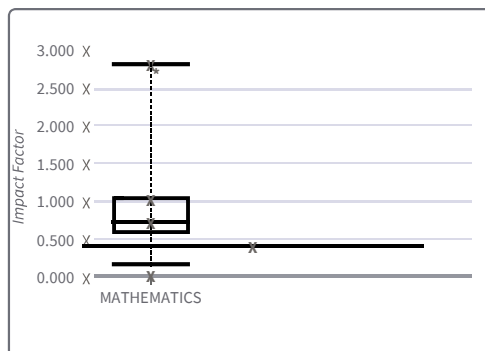
The bottom whisker is the larger of the following two values:

the minimum Impact Factor (IF)

$Q1\ IF - 3.5(Q1\ IF - Q3\ IF)$

Box Plots are provided for the current JCR year for each of the categories in which the journal is indexed.

CZECH MATH J, IF: 0.424



Rank

Rank

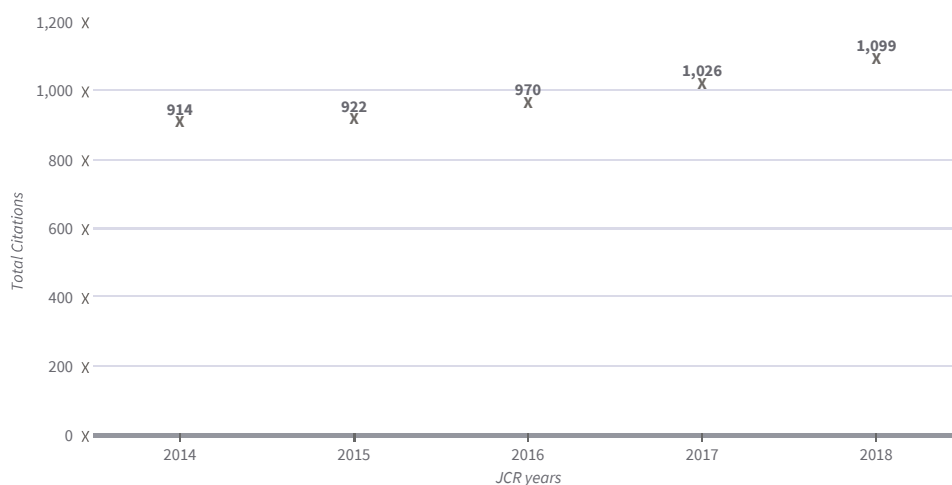
JCR Impact Factor

JCR Year	MATHEMATICS		
	Rank	Quartile	JIF Percentile
2018	273/313	Q4	12.939
2017	288/310	Q4	7.258
2016	273/311	Q4	12.379
2015	294/312	Q4	5.929
2014	286/312	Q4	8.494
2013	273/302	Q4	9.768
2012	267/296	Q4	9.966
2011	265/289	Q4	8.478
2010	256/279	Q4	8.423
2009	237/255	Q4	7.255
2008	208/215	Q4	3.488
2007	202/207	Q4	2.657
2006	168/187	Q4	10.428
2005	180/181	Q4	0.829
2004	178/181	Q4	1.934
2003	155/174	Q4	11.207
2002	161/170	Q4	5.588
2001	160/161	Q4	0.932
2000	151/156	Q4	3.526
1999	130/145	Q4	10.690
1998	122/138	Q4	11.957
1997	131/136	Q4	4.044

ESI Total Citations

Rank

JCR Year	MATHEMATICS
2018	220/491-Q2
2017	215/487-Q2
2016	207/488-Q2
2015	188/488-Q2
2014	179/488-Q2
2013	180/473-Q2

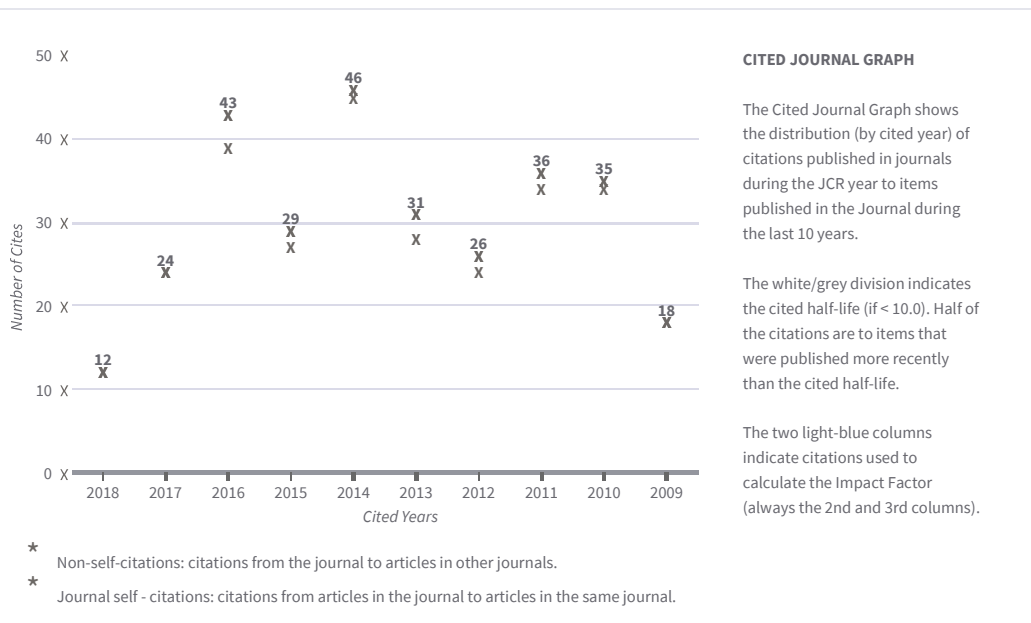


Cited Journal Data

Cited Half-Life Data

Cited Year	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008-All
#Cites from 2018	12	24	43	29	46	31	26	36	35	18	799
Cumulative %	1.09%	3.28%	7.19%	9.83%	14.01%	16.83%	19.20%	22.47%	25.66%	27.30%	100.00%

Cited Journal Graph 2018



InCites Journal Citation Reports

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Cited Journal Data 2018

rank	Impact	Citing Journal	All Yrs	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	Rest
		ALL Journals	1,099	12	24	43	29	46	31	26	36	35	18	799
		ALL OTHERS (226)	226	1	3	6	4	7	6	3	7	4	2	183
1	0.490	MATH SLOVACA	25	0	1	0	0	0	2	0	1	1	0	20
2	0.977	LINEAR ALGEBRA APPL	24	0	0	4	1	6	0	1	0	0	0	12
3	0.424	CZECH MATH J	23	0	0	4	2	1	3	2	2	1	0	8
4	0.789	FILOMAT	23	0	1	0	1	2	0	1	2	1	0	15
5	1.188	J MATH ANAL APPL	18	0	0	1	1	1	1	0	2	1	2	9
6	0.667	ALGEBR UNIV	17	0	0	0	0	0	0	0	1	0	0	16
7	3.092	APPL MATH COMPUT	16	1	0	0	3	1	0	0	1	1	0	9
8	1.005	J FUNCT SPACE	15	2	3	2	0	0	1	0	0	2	0	5
9	0.964	LINEAR MULTILINEAR A	15	0	0	6	1	0	0	0	0	0	0	8
10	0.416	TOPOLOG APPL	14	0	0	0	0	0	0	1	2	0	1	10
11	0.847	MATH NACHR	12	0	0	1	1	2	0	0	0	0	2	6
12	1.181	MEDITERR J MATH	11	0	0	0	1	3	0	1	0	0	0	6
13	0.501	COMMUN ALGEBRA	10	1	0	0	1	0	1	0	0	3	0	4
14	1.105	MATHEMATICS-BASEL	10	0	0	0	1	0	0	0	0	0	0	9
15	1.637	J INTELL FUZZY SYST	9	0	0	0	0	0	0	0	0	0	0	9
16	0.782	ANN ACAD SCI FENN-M	8	0	0	0	0	0	1	1	0	1	0	5
17	0.806	COMPLEX VAR ELLIPTIC	8	0	0	0	0	0	0	0	0	0	0	8
18	1.938	J DIFFER EQUATIONS	8	0	0	0	0	0	2	0	1	0	1	4
19	0.807	MONATSH MATH	8	0	1	3	0	0	0	0	0	0	0	4
20	2.143	SYMMETRY-BASEL	8	0	0	0	0	1	0	0	0	0	0	7
21	0.597	TURK J MATH	8	0	0	0	0	0	0	1	0	1	0	6
22	0.228	UTILITAS MATHEMATICA	8	0	0	0	0	0	0	2	0	0	1	5
23	1.510	ADV DIFFER EQU-NY	7	0	2	0	0	1	0	0	0	0	0	4
24	1.637	BOUND VALUE PROBL	7	1	0	0	0	0	0	0	0	0	0	6
25	0.579	ELECTRON J LINEAR AL	7	0	0	4	0	0	0	0	0	0	0	3
26	2.419	ENTROPY-SWITZ	7	0	0	0	0	0	0	0	0	0	0	7
27	1.136	J INEQUAL APPL	7	1	2	0	1	1	0	0	1	0	0	1
28	0.468	MISKOLC MATH NOTES	7	0	0	0	1	0	0	0	0	1	0	5

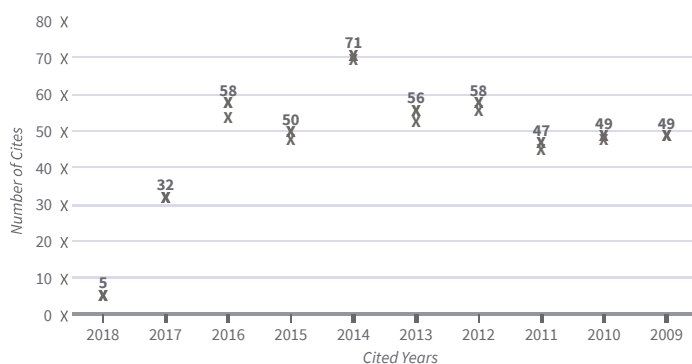
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Citing Journal Data

Citing Half-Life Data

Citing Year	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008-All
#Cites from 2018	5	32	58	50	71	56	58	47	49	49	788
Cumulative %	0.40%	2.93%	7.52%	11.48%	17.10%	21.54%	26.13%	29.85%	33.73%	37.61%	100.00%

Citing Journal Graph 2018



CITING JOURNAL GRAPH

The Citing Journal Graph shows the distribution (by cited year) of citations published in the Journal during the JCR year to items published in journals during the last 10 years.

The white/grey division indicates the citing half-life (if < 10.0). Half of the citations are to items that were published more recently than the citing half-life.

- * Non-self-citations: citations from the journal to articles in other journals.
- * Journal self - citations: citations from articles in the journal to articles in the same journal.

InCites Journal Citation Reports

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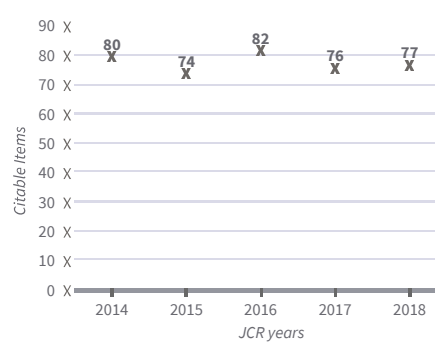
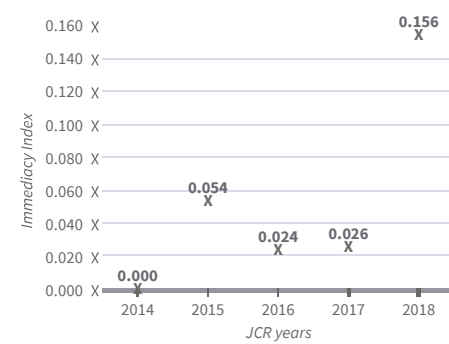
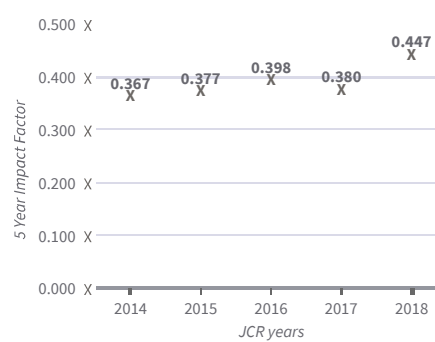
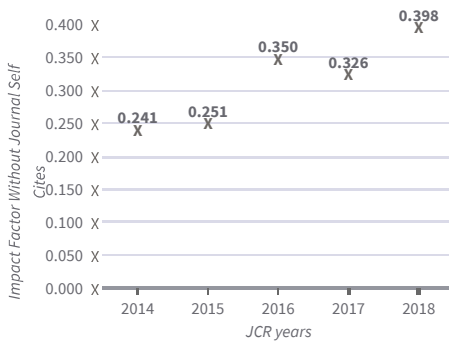
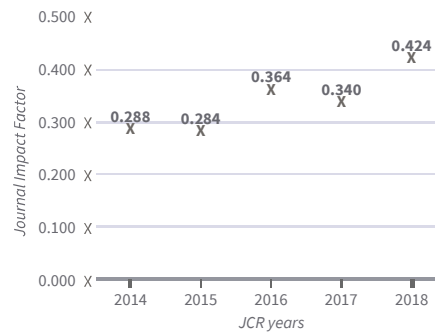
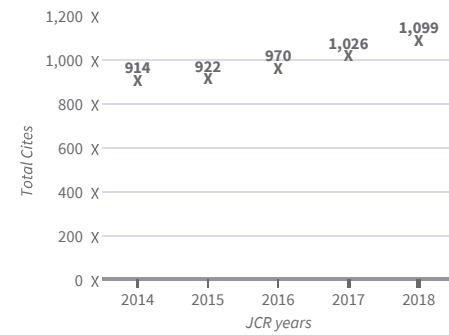
Citing Journal Data 2018

rank	Impact	Cited Journal	All Yrs	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	Rest
		ALL Journals	1,263	5	32	58	50	71	56	58	47	49	49	788
		ALL OTHERS (307)	307	3	6	13	9	15	8	12	16	11	10	204
1	0.666	J ALGEBRA	38	0	0	0	1	1	3	7	2	0	3	21
2	1.188	J MATH ANAL APPL	32	0	1	2	2	4	0	1	1	3	4	14
3	0.813	P AM MATH SOC	29	0	0	0	1	1	0	1	0	0	1	25
4	0.977	LINEAR ALGEBRA APPL	27	0	0	2	1	5	3	3	1	2	0	10
5	1.637	J FUNCT ANAL	26	0	0	0	1	0	3	1	0	4	0	17
6	0.501	COMMUN ALGEBRA	23	0	1	1	2	1	2	1	0	0	2	13
7	0.424	CZECH MATH J	23	0	0	4	2	1	3	2	2	1	0	8
8	0.728	DISCRETE MATH	23	0	1	0	1	1	2	2	1	2	5	8
9	1.318	T AM MATH SOC	22	1	2	0	1	0	0	0	1	1	0	16
10		GRADUATE TEXTS MATH	18	0	0	0	0	0	0	0	0	1	1	16
11	1.131	J LOND MATH SOC	15	0	0	0	0	0	0	0	2	1	1	11
12	0.832	MATH Z	15	0	1	0	0	0	0	1	0	0	0	13
13	0.750	STUD MATH	14	0	0	0	0	0	0	0	1	0	1	12
14	0.345	LECT NOTES MATH	13	0	0	0	0	0	1	0	0	0	0	12
15	0.807	MONATSH MATH	12	0	3	3	2	1	0	1	0	0	0	2
16	0.892	J COMB THEORY B	11	0	0	0	0	0	0	0	0	2	0	9
17	0.538	ACTA MATH HUNG	10	0	1	0	2	1	2	0	0	0	0	4
18	1.088	INDIANA U MATH J	10	0	0	0	0	0	0	0	0	0	0	10
19	1.355	J MATH PHYS	10	0	0	0	0	1	1	0	1	0	1	6
20	1.356	MATH ANN	10	0	0	0	1	1	0	0	0	0	1	7
21		PURE APPL MATH	10	0	0	0	0	0	0	0	0	0	0	10
22	0.911	EUR J COMBIN	9	0	0	0	0	0	0	1	1	0	2	5
23	0.498	ARCH MATH	8	0	0	0	0	0	0	1	0	1	1	5
24	0.596	J ALGEBRA APPL	8	0	1	0	1	2	0	1	2	0	0	1
25	0.806	J GEOM PHYS	8	0	0	1	0	2	0	0	2	0	0	3
26	0.667	J OPERAT THEOR	8	0	0	0	0	1	0	0	0	0	0	7
27	0.797	J PURE APPL ALGEBRA	8	0	0	0	0	0	1	0	0	1	0	6
28	1.192	P LOND MATH SOC	8	0	0	0	0	1	0	0	0	0	0	7

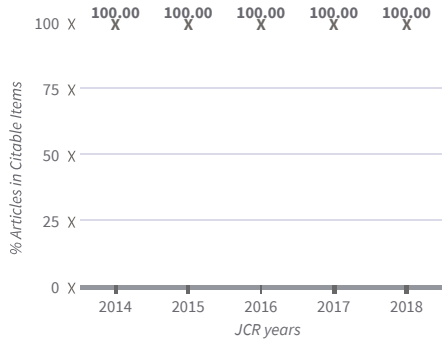
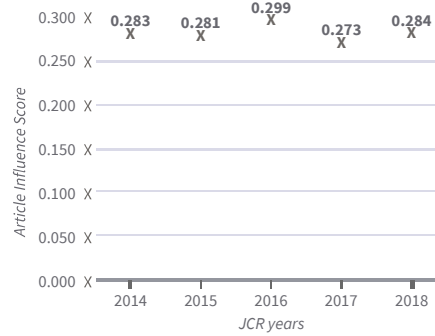
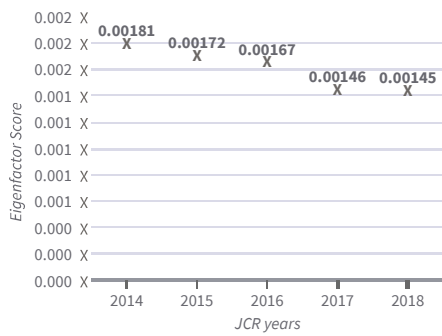
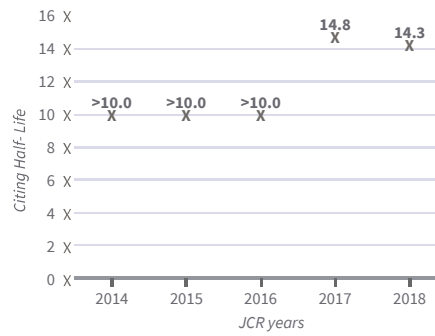
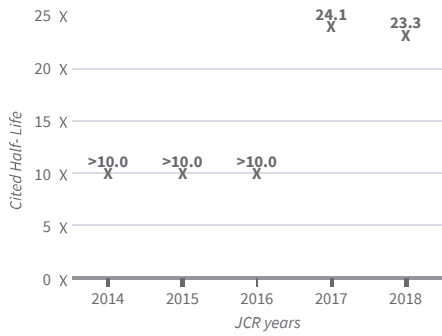
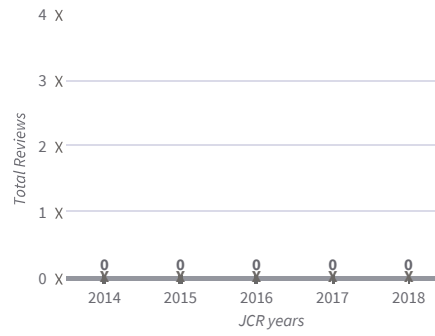
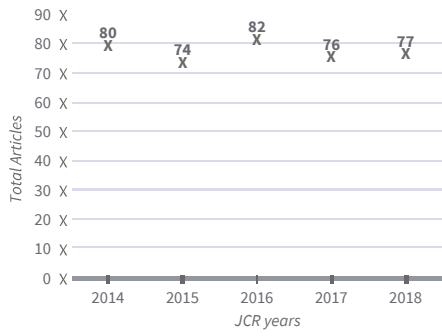
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Metric trend

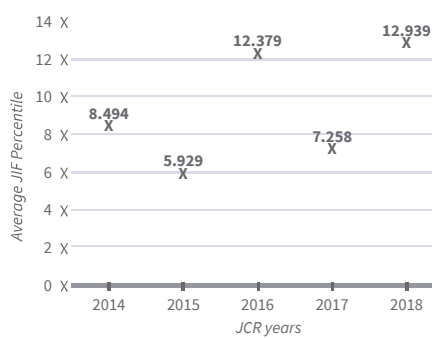
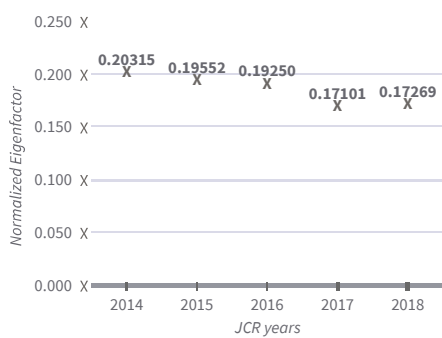
Metric Trend



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These data summarize the characteristics of the journal's published content for the most recent three years, that is, 2018 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

country	count
1. CHINA MAINLAND	79
2. Iran	31
3. USA	25
4. Czech Republic	12
5. Poland	10
6. South Korea	9
7. India	8
- Peoples R China	8
9. Italy	7
- Japan	7

Contributions by organizations

organization	count
1. UNIVERSITY SYSTEM OF GEORGIA	7
2. CZECH ACADEMY OF SCIENCES	6
- ISLAMIC AZAD UNIVERSITY	6
4. HENAN NORMAL UNIVERSITY	4
- UNIVERSITY OF BELGRADE	4
- AMIRKABIR UNIVERSITY OF TECHNOLOGY	4
7. DALIAN UNIVERSITY OF TECHNOLOGY	3
- CHARLES UNIVERSITY PRAGUE	3
- UNIV QOM	3
- WILLIAM & MARY	3
- UNIVERSITY OF MESSINA	3
- HOSPITAL UNIVERSITY HOSPITAL G. MARTINO	3
- HUAIYIN NORMAL UNIVERSITY	3
- UNIVERSIDADE DE SAO PAULO	3
- HAINAN NORMAL UNIVERSITY	3
- NORTH UNIVERSITY OF CHINA	3