

InCites Journal Citation Reports

Page 1 of 17



2017 Journal Performance Data for: Neural Network World

ISSN: 1210-0552

ACAD SCIENCES CZECH REPUBLIC, INST COMPUTER SCIENCE

POD VODARENSKOU VEZI 2, 182 07 PRAGUE 8 00000, CZECH REPUBLIC

[CZECH REPUBLIC](#)**TITLES**

ISO: Neural Netw. World

JCR Abbrev: NEURAL NETW

WORLD

LANGUAGES

English

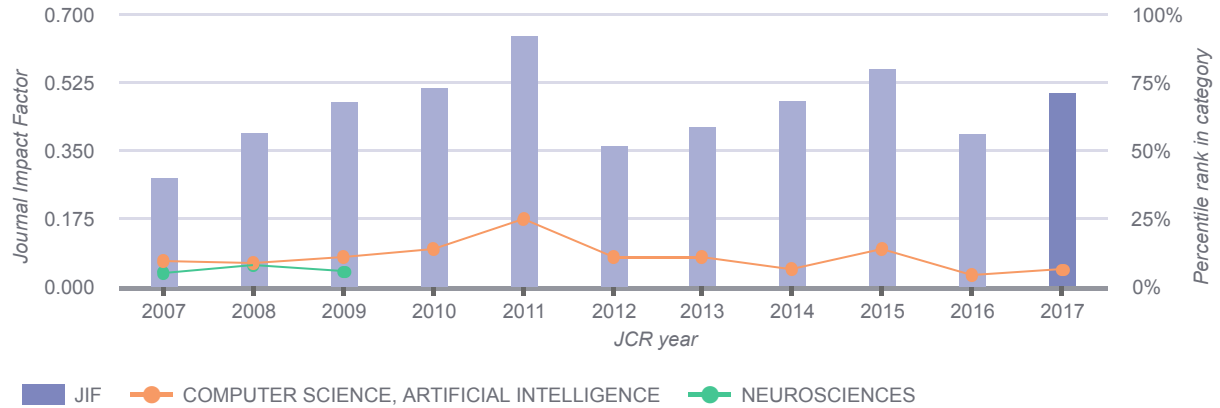
CATEGORIESCOMPUTER SCIENCE,
ARTIFICIAL INTELLIGENCE
- SCIE**PUBLICATION FREQUENCY****6 issues/year**

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2017 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.

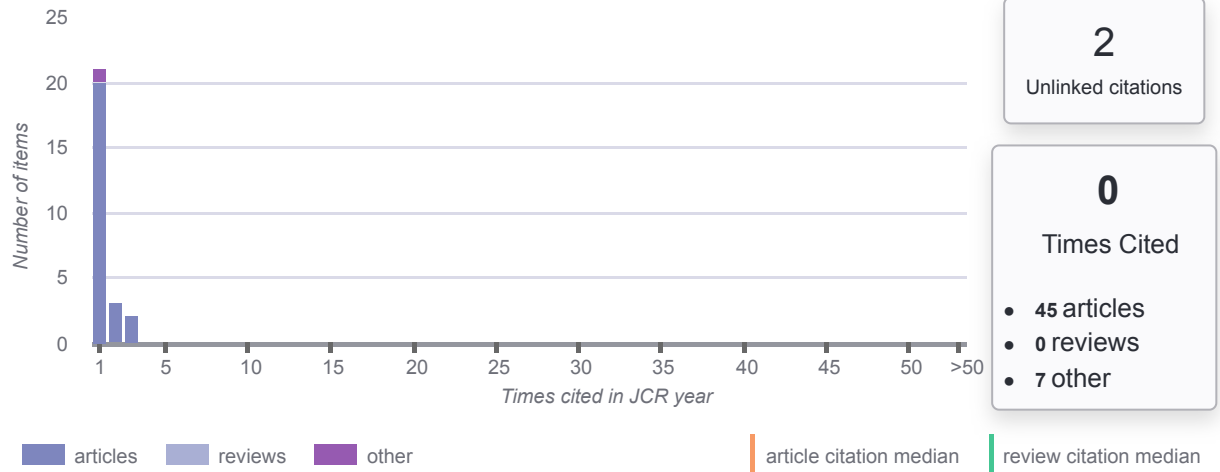
2017 Journal Impact Factor & percentile rank in category for: Neural Network World

0.500

2017 Journal Impact Factor



2017 JIF Citation Distribution for: Neural Network World



Journal Impact Factor Calculation

$$2017 \text{ Journal Impact Factor} = \frac{35}{70} = 0.500$$

How is Journal Impact Factor Calculated?

$$\text{JIF} = \frac{\text{Citations in 2017 to items published in 2015 (17) + 2016 (18)}}{\text{Number of citable items in 2015 (34) + 2016 (36)}} = \frac{35}{70}$$

Journal Impact Factor contributing items

Citable items in 2016 and 2015 (70)

TITLE	CITATIONS COUNTED TOWARDS JIF
CLASSIFICATION OF SONAR DATA SET USING NEURAL NETWORK TRAINED BY GRAY WOLF OPTIMIZATION	3
By: Mosavi, M. R.; Khishe, M.; Ghamgosar, A. Volume: 26 Page: 393-415 Accession number: WOS:000383306600006 Document Type: Article	
BUS ARRIVAL TIME PREDICTION USING SUPPORT VECTOR MACHINE WITH GENETIC ALGORITHM	3
By: Yang, M.; Chen, C.; Wang, L.; Yan, X.; Zhou, L. Volume: 26 Page: 205-217 Accession number: WOS:000383431100002 Document Type: Article	
MANIFOLD LEARNING AND VISUALIZATION BASED ON DYNAMIC SELF-ORGANIZING MAP	2
By: Shao, Chao; Wan, Chunhong; Hu, Haitao Volume: 25 Page: 175-188 Accession number: WOS:000354664000005 Document Type: Article	
A COMPARISON OF THE PERFORMANCE OF ANN AND SVM FOR THE PREDICTION OF TRAFFIC ACCIDENT DURATION	2
By: Yu, B.; Wang, Y. T.; Yao, J. B.; Wang, J. Y. Volume: 26 Page: 271-287 Accession number: WOS:000383431100006 Document Type: Article	
A NEURAL NETWORK APPROACH FOR ASSESSING THE RELATIONSHIP BETWEEN GRIP STRENGTH AND HAND ANTHROPOMETRY	2
By: Cakit, Erman; Durgun, Behice; Cetik, Oya Volume: 25 Page: 603-622 Accession number: WOS:000368961000003 Document Type: Article	
LABEL MAPS FUSION FOR THE MARGINAL SEGMENTATION OF MULTI-COMPONENT IMAGES	1
By: Alkama, S.; Chahir, Y.; Berkani, D. Volume: 25 Page: 405-426 Accession number: WOS:000361503300004 Document Type: Article	
MODIFIED METHOD OF GRAVITY MODEL APPLICATION FOR TRANSATLANTIC AIR TRANSPORTATION	1
By: Binova, Helena Volume: 25 Page: 203-217 Accession number: WOS:000354664000007 Document Type: Article	

InCites Journal Citation Reports

Page 5 of 17

**Citations in 2017 (35)**

TITLE	CITATIONS COUNTED TOWARDS JIF
NEURAL NETWORK WORLD	3
8TH INTERNATIONAL CONFERENCE ON EMERGING UBIQUITOUS SYSTEMS AND PERVASIVE NETWORKS (EUSPN 2017) / 7TH INTERNATIONAL CONFERENCE ON CURRENT AND FUTURE TRENDS OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN HEALTHCARE (ICTH-2017) / AFFILIATED WORKSHOPS	1
ASIAN JOURNAL OF SHIPPING AND LOGISTICS	1
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK	1
BULGARIAN ASTRONOMICAL JOURNAL	1
FRESENIUS ENVIRONMENTAL BULLETIN	1
INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	1
NEUROCOMPUTING	1
PROCEEDINGS OF THE 2017 INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS, MODELLING AND STATISTICS APPLICATION (AMMSA 2017)	1
WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM - WMCAUS	1

InCites Journal Citation Reports



Key Indicators 2017

IMPACT METRICS		INFLUENCE METRICS		SOURCE METRICS	
Total Cites	264	Eigenfactor Score	0.00031	Citable Items	33
Journal Impact Factor	0.500	Article Influence Score	0.126	% Articles in Citable Items	100.00
5 Year Impact Factor	0.601	Normalized Eigenfactor	0.03614	Average JIF Percentile	5.682
Immediacy Index	0.152			Cited Half-Life	7.0
Impact Factor Without Journal Self Cites	0.457			Citing Half-Life	11.2

Source data

Journal source data 2017

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2017 (A)	33	0	33	1	97%
Number of References (B)	894	0	894	1	99%
Ratio (B/A)	27.1	0.0	27.1	1.0	

Box plot**Category Box Plot 2017****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)

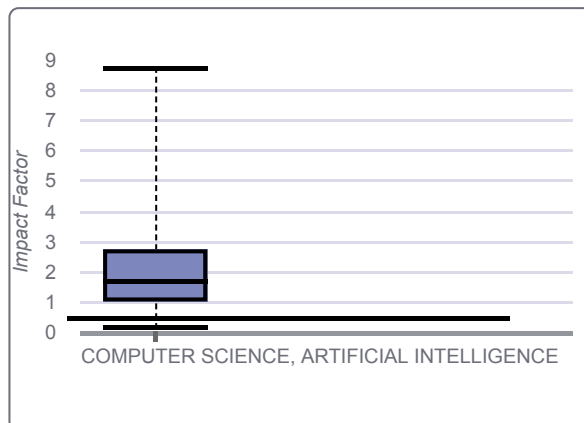
$Q1\ IF + 3.5(Q1\ IF - Q3\ IF)$

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.

NEURAL NETW WORLD, IF: 0.500

InCites Journal Citation Reports

Page 8 of 17



Rank

Rank

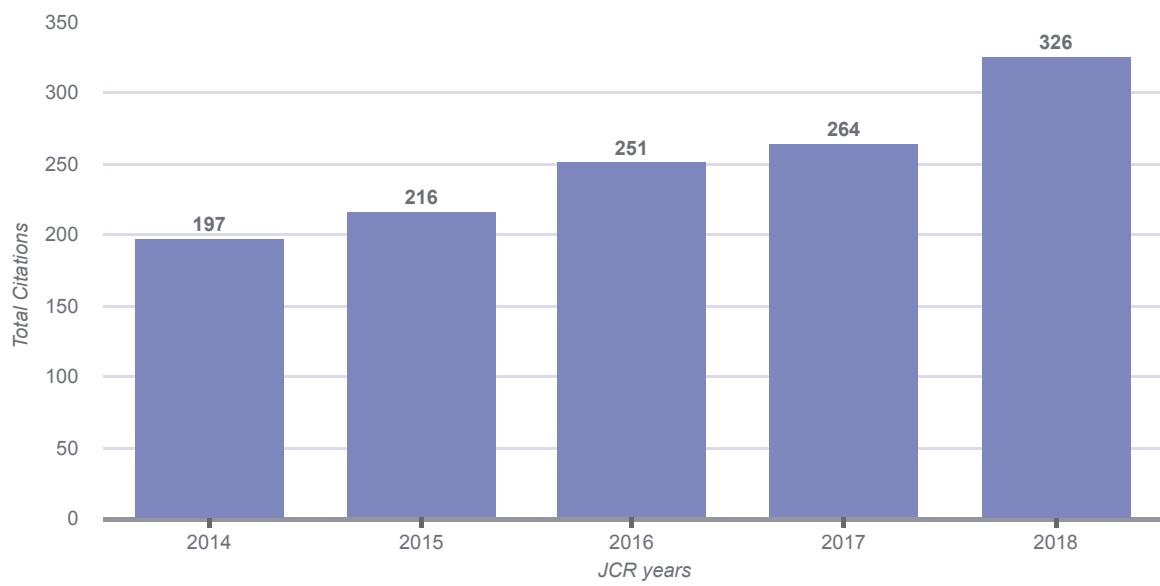
JCR Impact Factor

JCR Year	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE			NEUROSCIENCES		
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile
2018	110/133	Q4	17.669	N/A	N/A	N/A
2017	125/132	Q4	5.682	N/A	N/A	N/A
2016	129/133	Q4	3.383	N/A	N/A	N/A
2015	113/130	Q4	13.462	N/A	N/A	N/A
2014	116/123	Q4	6.098	N/A	N/A	N/A
2013	109/121	Q4	10.331	N/A	N/A	N/A
2012	104/115	Q4	10.000	N/A	N/A	N/A
2011	84/111	Q4	24.775	N/A	N/A	N/A
2010	94/108	Q4	13.426	N/A	N/A	N/A
2009	93/103	Q4	10.194	219/231	Q4	5.411
2008	87/94	Q4	7.979	205/221	Q4	7.466
2007	85/93	Q4	9.140	202/211	Q4	4.502

ESI Total Citations

Rank

JCR Year	COMPUTER SCIENCE
2018	366/412-Q4
2017	365/406-Q4
2016	366/406-Q4
2015	344/393-Q4
2014	332/383-Q4
2013	318/378-Q4



InCites Journal Citation Reports

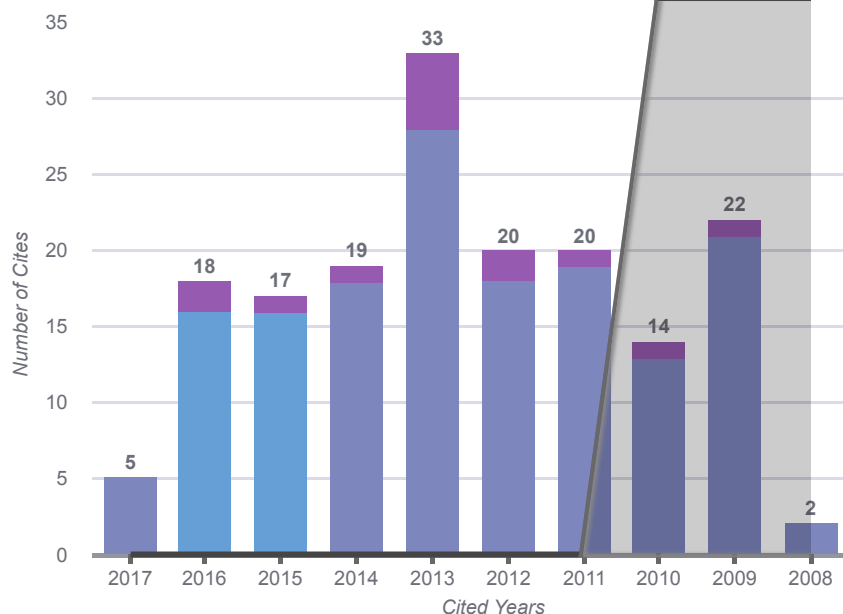


Cited Journal Data

Cited Half-Life Data

Cited Year	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007-All
#Cites from 2017	5	18	17	19	33	20	20	14	22	2	94
Cumulative %	1.89%	8.71%	15.15%	22.35%	34.85%	42.42%	50.00%	55.30%	63.64%	64.39%	100.00%

Cited Journal Graph 2017



CITED JOURNAL GRAPH

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

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

The two light-blue columns indicate citations used to calculate the Impact Factor (always the 2nd and 3rd columns).

- 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

Cited Journal Data 2017

	Impact	Citing Journal	All Yrs	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	Rest
		ALL Journals	264	5	18	17	19	33	20	20	14	22	2	94
		ALL OTHERS (159)	159	2	14	11	14	16	9	13	9	13	1	57
1	0.500	NEURAL NETW WORLD	19	0	2	1	1	5	2	1	1	1	0	5
2	2.367	SOFT COMPUT	9	0	0	0	0	2	0	0	0	1	0	6
3	0.311	ZH VYSSH NERV DEYAT+	7	2	0	0	0	0	2	2	0	0	0	1
4		ADV INTELL SYST	5	0	0	0	0	1	0	0	0	1	0	3
5	3.414	MAT SCI ENG A- STRUCT	5	0	0	0	0	5	0	0	0	0	0	0
6	4.215	NEURAL COMPUT APPL	5	0	0	0	0	1	2	0	0	0	0	2
7	4.305	INFORM SCIENCES	4	0	1	0	0	0	0	0	0	0	0	3
8	3.241	NEUROCOMPUTING	4	0	0	1	0	0	1	1	0	1	0	0
9	1.689	APPL SCI-BASEL	3	0	0	0	1	0	0	0	0	1	0	1
10	6.605	ARCH COMPUT METHOD E	3	0	0	0	0	0	0	0	0	0	0	3
11		EMERGENCE COMPLEX CO	3	0	0	0	0	0	0	0	0	0	0	3
12	3.877	FRONT NEUROSCI- SWITZ	3	1	0	0	0	0	1	1	0	0	0	0
13	2.692	INT J MACH LEARN CYB	3	0	0	0	0	0	0	0	0	0	0	3
14		AER ADV ENG RES	2	0	0	0	0	0	1	0	1	0	0	0
15	3.907	APPL SOFT COMPUT	2	0	0	1	0	0	0	0	0	0	0	1
16	0.540	COMMUN SOIL SCI PLAN	2	0	0	0	2	0	0	0	0	0	0	0
17		CYBERN SYST ANAL+	2	0	0	0	0	0	0	0	0	0	0	2
18	1.383	DESALIN WATER TREAT	2	0	0	0	0	0	0	1	1	0	0	0
19	0.700	ECOL CHEM ENG S	2	0	0	0	0	1	1	0	0	0	0	0
20	1.360	ELECTROMAGN BIOL MED	2	0	0	0	0	0	0	0	0	2	0	0
21	2.676	ENERGIES	2	0	0	1	0	0	0	0	0	1	0	0
22	3.768	EXPERT SYST APPL	2	0	0	0	0	1	0	0	1	0	0	0
23		IEEE INT CONF FUZZY	2	0	0	0	0	0	0	0	0	0	1	1
24		IOP C SER-MAT SCI	2	0	1	0	0	0	0	0	0	0	0	1
25	2.281	J MACH LEARN RES	2	0	0	0	0	0	0	1	0	0	0	1
26	4.396	KNOWL-BASED SYST	2	0	0	0	0	0	0	0	1	0	0	1
27	1.120	POL J ENVIRON STUD	2	0	0	1	1	0	0	0	0	0	0	0
28		PROCEDIA COMPUT SCI	2	0	0	1	0	0	1	0	0	0	0	0

Showing 1 - 30 rows of 31 total

InCites Journal Citation Reports



Citing Journal Data

Citing Half-Life Data

Citing Year	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007-All
#Cites from 2017	4	37	52	44	58	62	37	33	36	34	498
Cumulative %	0.45%	4.58%	10.39%	15.31%	21.79%	28.72%	32.85%	36.54%	40.56%	44.36%	100.00%

Citing Journal Graph 2017



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

Citing Journal Data 2017

	Impact	Cited Journal	All Yrs	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	Rest
		ALL Journals	895	4	37	52	44	58	62	37	33	36	34	498
		ALL OTHERS (555)	555	3	19	28	29	33	38	29	20	24	24	308
1	0.500	NEURAL NETW WORLD	19	0	2	1	1	5	2	1	1	1	0	5
2	1.440	BIOL CYBERN	16	0	0	0	0	0	0	1	0	1	0	14
3	3.241	NEUROCOMPUTING	12	0	1	2	3	0	2	0	0	1	0	3
4	7.982	IEEE T NEUR NET LEAR	9	0	1	2	1	0	0	0	0	0	0	5
5	9.455	IEEE T PATTERN ANAL	9	0	0	0	0	0	1	0	0	1	0	7
6	3.610	INT J ELEC POWER	8	0	0	2	0	1	4	1	0	0	0	0
7	2.502	J NEUROPHYSIOL	8	0	0	0	0	0	0	0	0	0	0	8
8	7.197	NEURAL NETWORKS	7	0	0	1	0	0	0	0	1	0	0	5
9		THESIS	7	0	0	0	0	1	0	0	0	0	2	4
10	11.541	INT J COMPUT VISION	6	0	0	0	0	0	0	1	1	0	0	4
11		HUM PHYSIOL+	5	0	4	0	0	1	0	0	0	0	0	0
12	5.971	J NEUROSCI	5	0	0	0	0	0	0	0	1	0	0	4
13	9.107	P IEEE	5	0	0	0	0	0	0	0	0	0	0	5
14	3.965	PATTERN RECOGN	5	0	0	0	1	0	1	0	2	0	1	0
15	2.766	PLOS ONE	5	0	0	1	0	1	1	1	1	0	0	0
16		UCI MACH LEARNING	5	0	0	0	0	0	1	0	0	0	2	2
17	4.361	WATER RESOUR RES	5	0	0	0	0	0	0	0	0	0	0	5
18	3.034	ARTIF INTELL	4	0	0	0	0	0	0	0	0	0	0	4
19	4.968	ENERGY	4	0	0	0	0	2	1	1	0	0	0	0
20	1.806	EXP BRAIN RES	4	0	0	0	0	0	0	0	0	0	0	4
21	2.675	FUZZY SET SYST	4	0	0	0	0	1	0	0	0	0	0	3
22		IEEE IJCNN	4	0	0	0	0	0	0	0	0	0	0	4
23		INFORM CONTROL	4	0	0	0	0	0	0	0	0	0	0	4
24	2.431	J BIOMECH	4	0	0	0	0	0	0	0	0	0	0	4
25	3.727	J HYDROL	4	0	0	0	0	0	0	0	0	0	0	4
26	1.541	MULTIMED TOOLS APPL	4	1	2	0	0	0	0	0	0	0	1	0
27		PROC CVPR IEEE	4	0	0	0	0	1	0	0	0	0	0	3
28		TECH REP	4	0	1	0	0	0	0	0	0	0	0	3

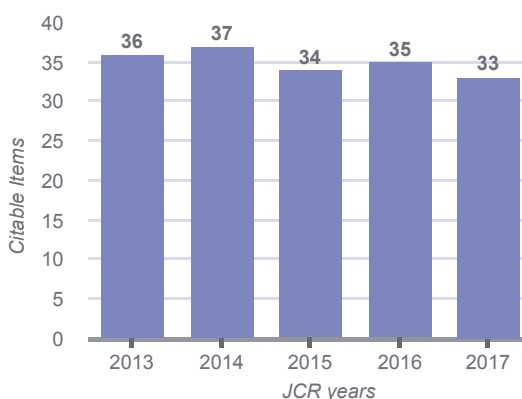
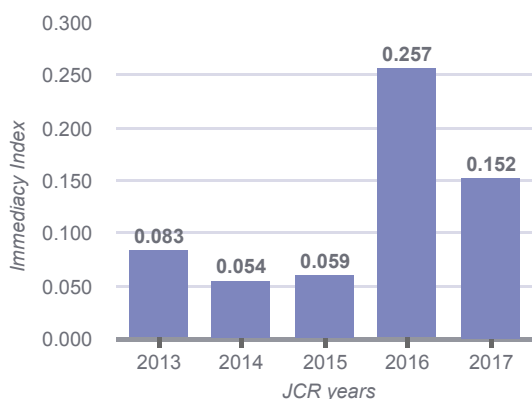
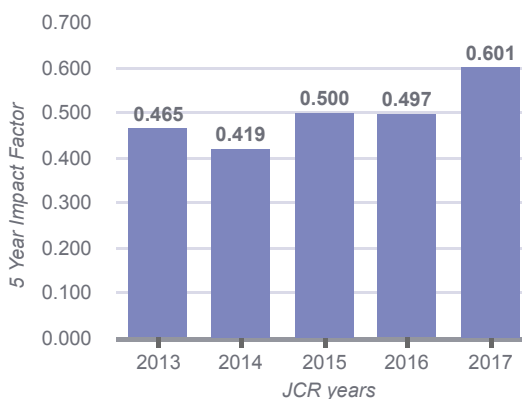
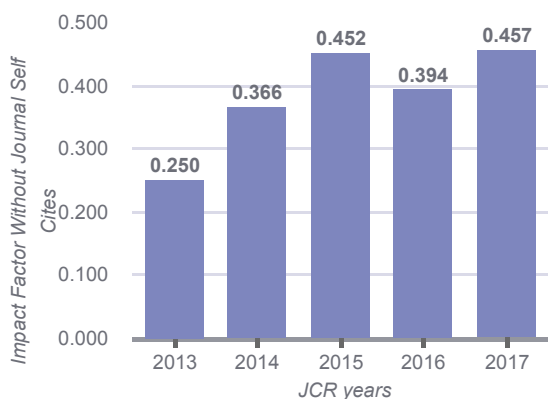
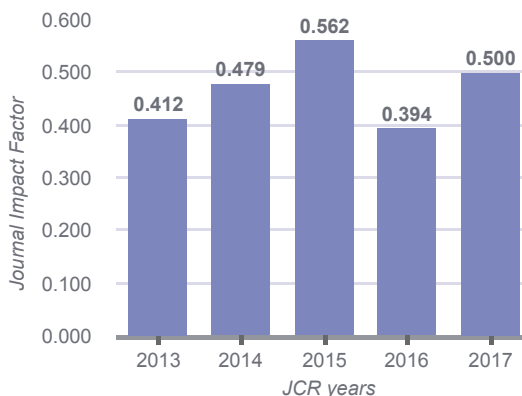
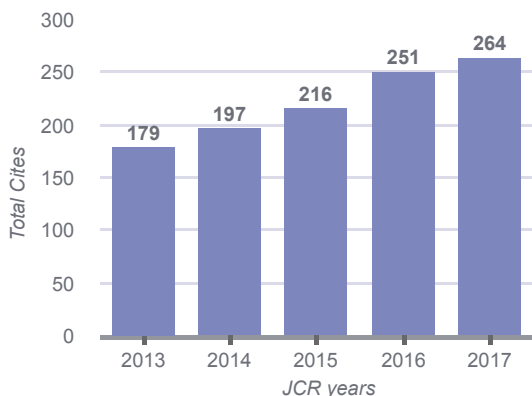
Showing 1 - 30 rows of 101 total

InCites Journal Citation Reports

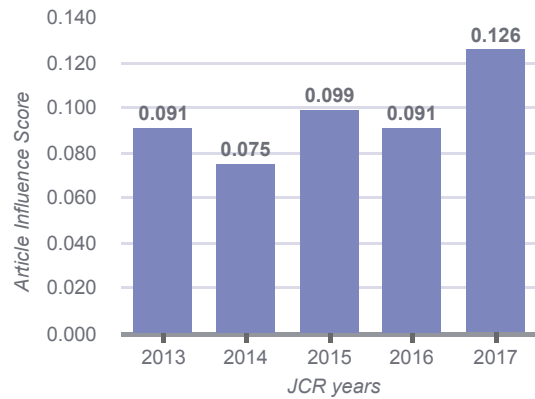
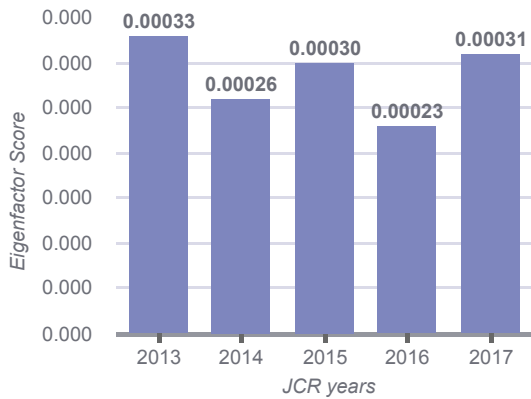
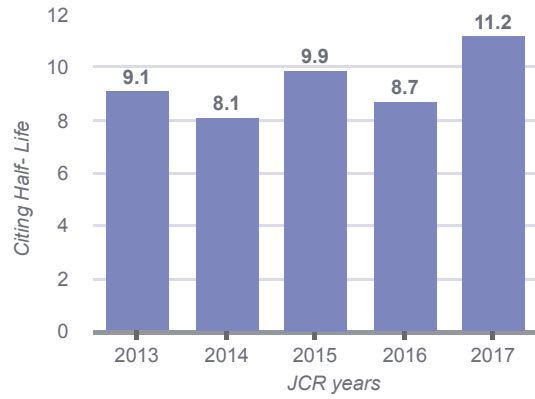
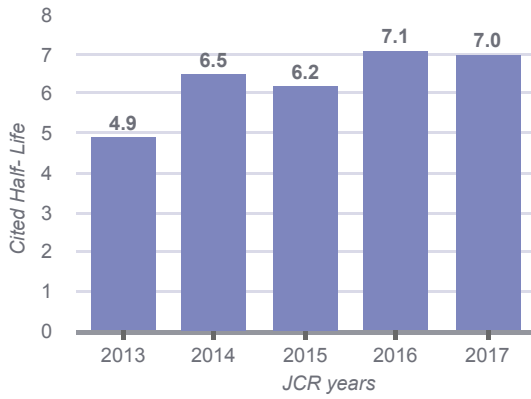
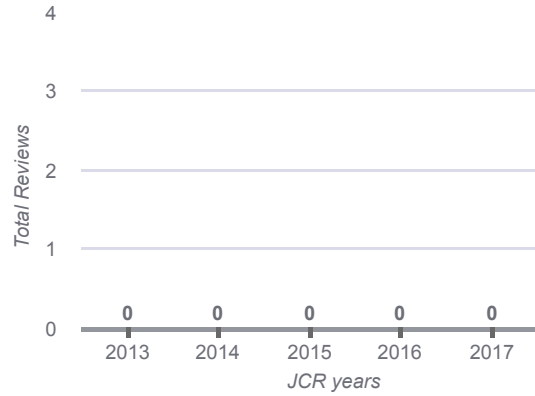
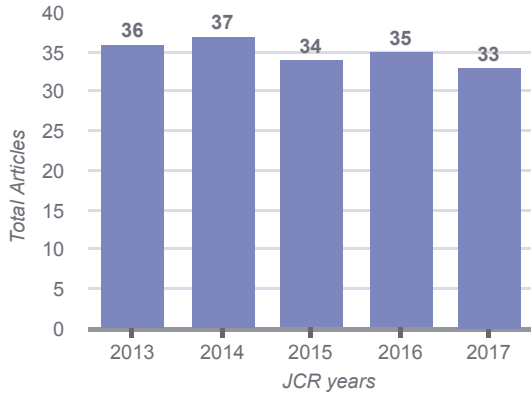


Metric trend

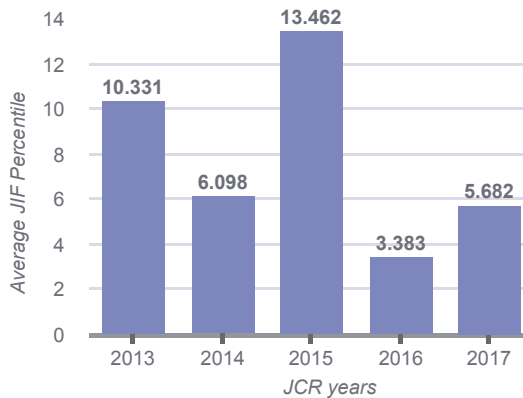
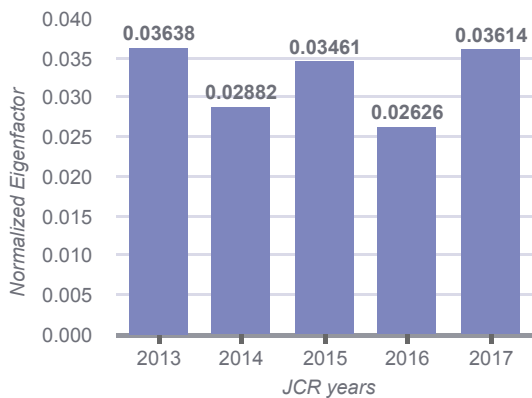
Metric Trend



InCites Journal Citation Reports



InCites Journal Citation Reports



These data summarize the characteristics of the journal's published content for the most recent three years, that is, 2017 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	33
2. Czech Republic	30
3. Turkey	16
4. India	10
5. USA	6
6. Iran	4
7. Algeria	3
- France	3
9. Bangladesh	2
- South Korea	2
- Netherlands	2
- Malaysia	2
- Italy	2

Contributions by organizations

organization	count
1. CZECH TECHNICAL UNIVERSITY PRAGUE	14
2. TECHNICAL UNIVERSITY OF OSTRAVA	8
3. CZECH ACADEMY OF SCIENCES	6
4. VELLORE INSTITUTE OF TECHNOLOGY	4
- HENAN UNIVERSITY OF SCIENCE & TECHNOLOGY	4
- DALIAN MARITIME UNIVERSITY	4
7. BEIJING UNIVERSITY OF TECHNOLOGY	3
- ANNA UNIVERSITY	3
- DALIAN UNIVERSITY OF TECHNOLOGY	3
10. KLN COLL INFORMAT TECHNOL	2
- CUKUROVA UNIVERSITY	2
- XI'AN JIAOTONG UNIVERSITY	2
- SOUTH CHINA UNIVERSITY OF TECHNOLOGY	2
- HARBIN ENGINEERING UNIVERSITY	2
- UNIVERSITY OF PARDUBICE	2
- ISLAMIC AZAD UNIVERSITY	2
- MARMARA UNIVERSITY	2
- UNIVERSITY OF WEST BOHEMIA PILSEN	2
- CELAL BAYAR UNIVERSITY	2
- UNIVERSITI MALAYA	2
- CHINA ELECT STANDARDIZAT INST	2
- SICHUAN UNIVERSITY	2
- BEIJING JIAOTONG UNIVERSITY	2
- BURSA TECHNICAL UNIVERSITY	2