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Neural Network World

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ACAD SCIENCES CZECH REPUBLIC, INST COMPUTER SCIENCE
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[CZECH REPUBLIC](#)

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TITLES

ISO: Neural Netw. World
JCR Abbrev: NEURAL NETW WORLD

CATEGORIES

COMPUTER SCIENCE, ARTIFICIAL
INTELLIGENCE -- SCIE

LANGUAGES

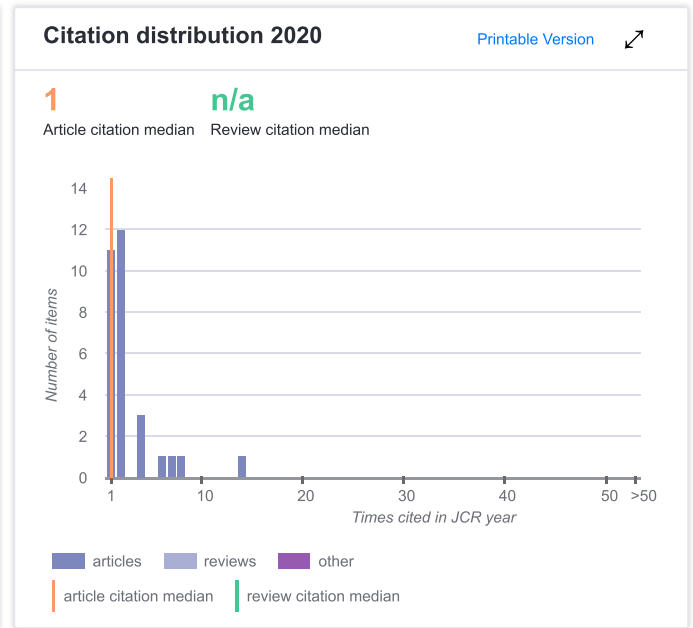
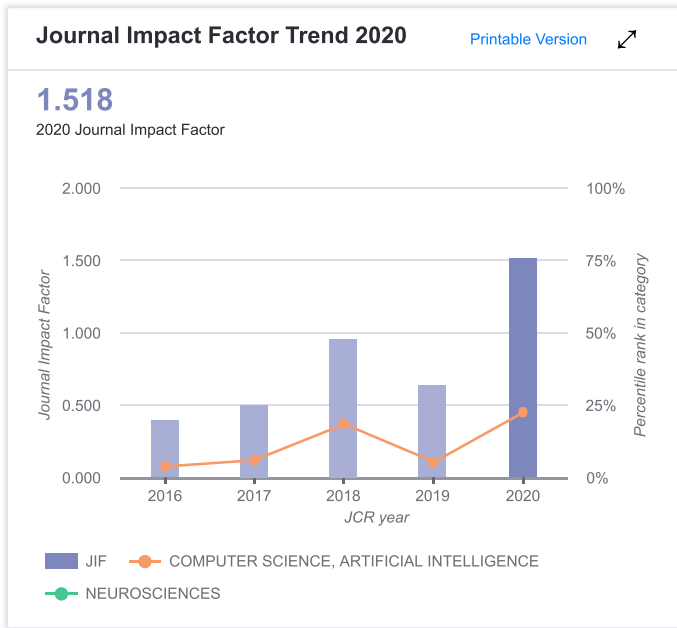
English

PUBLICATION FREQUENCY

6 issues/year



The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2020 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

$$\text{2020 Journal Impact Factor} = \frac{85}{56} = 1.518$$

How is Journal Impact Factor Calculated?

$$\text{JIF} = \frac{\text{Citations in 2020 to items published in 2018 (54) + 2019 (31)}{85}{\text{Number of citable items in 2018 (30) + 2019 (26)}{56}} = \frac{85}{56}$$

Journal Impact Factor contributing items

[Show all](#)[Citable items in 2019 and 2018 \(56\)](#)

Citations in 2020 (85)

TITLE	CITATIONS COUNTED TOWARDS JIF
AN ADAPTIVE ONLINE SEQUENTIAL EXTREME LEARNING MACHINE FOR SHORT-TERM WIND SPEED PREDICTION BASED ON IMPROVED ARTIFICIAL BEE COLONY ALGORITHM By: Tian, Z.; Wang, G.; Ren, Y.; Li, S.; Wang, Y. Volume: 28 Page: 191-212 Accession number: WOS:000440210500001 Document Type: Article	14
MODELLING SMART ROAD TRAFFIC CONGESTION CONTROL SYSTEM USING MACHINE LEARNING TECHNIQUES By: Ata, A.; Khan, M. A.; Abbas, S.; Ahmad, G.; Fatima, A. Volume: 29 Page: 99-110 Accession number: WOS:000467937000004 Document Type: Article	8
PHYSICS-INFORMATION ANALOGIES By: Svitek, M. Volume: 28 Page: 535-550 Accession number: WOS:000457134000004 Document Type: Article	7
LARGE EARTHQUAKE MAGNITUDE PREDICTION IN TAIWAN BASED ON DEEP LEARNING NEURAL NETWORK By: Huang, J. P.; Wang, X. A.; Zhao, Y.; Xin, C.; Xiang, H. Volume: 28 Page: 149-160 Accession number: WOS:000432888400004 Document Type: Article	6
BUS ARRIVAL TIME PREDICTION BASED ON PCA-GA-SVM By: Peng, Z.; Jiang, Y.; Yang, X.; Zhao, Z.; Zhang, L. et al. Volume: 28 Page: 87-104 Accession number: WOS:000428260700005 Document Type: Article	4
ECG CLASSIFICATION USING HIGHER ORDER SPECTRAL ESTIMATION AND DEEP LEARNING TECHNIQUES By: Alquran, H.; Alqudah, A. M.; Abu-Qasmieh, I.; Al-Badarnah, A.; Almashaqbeh, S. Volume: 29 Page: 207-219 Accession number: WOS:000485874900002 Document Type: Article	4
AUTOMATIC CLASSIFICATION OF AGRICULTURAL GRAINS: COMPARISON OF NEURAL NETWORKS By: Kayabasi, A.; Toktas, A.; Sabanci, K.; Yigit, E. Volume: 28 Page: 213-224 Accession number: WOS:000440210500002 Document Type: Article	4



Journal source data 2020



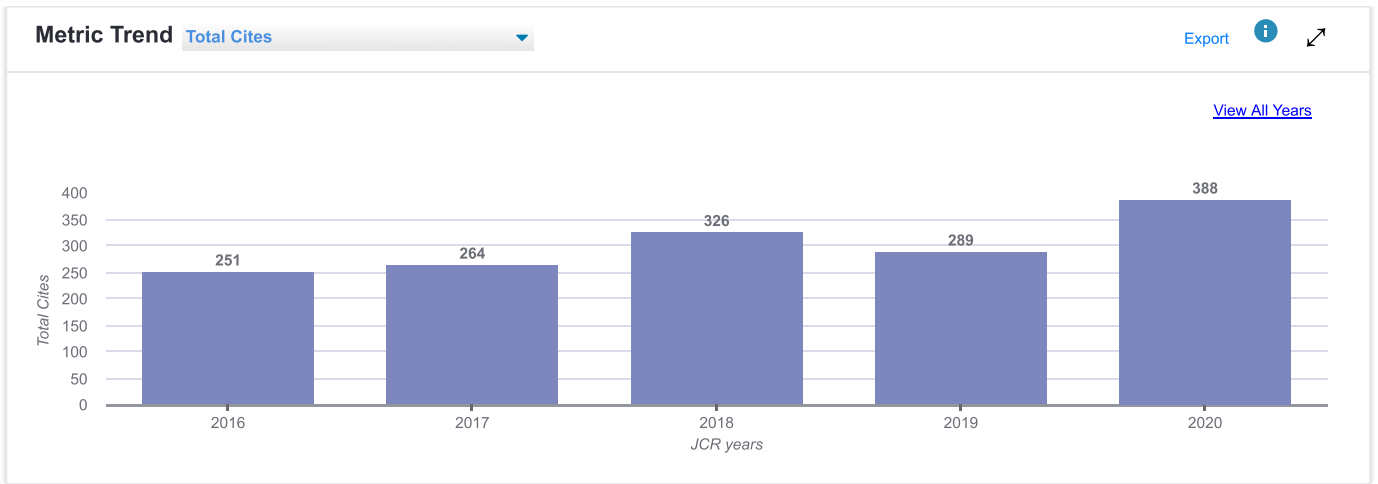
	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2020 (A)	17	0	17	3	85%
Number of References (B)	456	0	456	1	100%
Ratio (B/A)	26.8	n/a	26.8	0.3	

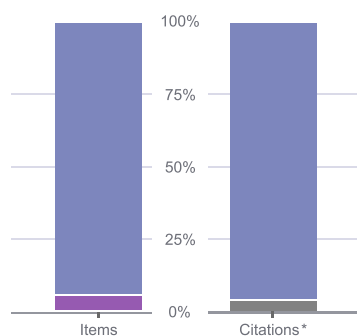


Key Indicators 2020

IMPACT METRICS		INFLUENCE METRICS		SOURCE METRICS	
Total Cites	388 ✓Trend	Eigenfactor Score	0.00024 Trend	Citable Items	17 Trend
Journal Impact Factor	1.518 Trend	Article Influence Score	0.153 Trend	% Articles in Citable Items	100.00 Trend
5 Year Impact Factor	1.201 Trend	Normalized Eigenfactor	0.05234 Trend	Average JIF Percentile	22.500 Trend
Immediacy Index	0.000 Trend			Cited Half-Life	6.2 Trend
Impact Factor without Journal Self Cites	1.357 Trend			Citing Half-Life	10.6 Trend






Journal profile [2018 - 2020] Open Access (OA)  

	Items	Citations*
● Gold OA Citable	0	0
● Subscription and Free to Read Citable	73	82
Total Citable	73	82
% Citable Open Access	0.00%	0.00%
● Other	4	0
● Unlinked	n/a	3

*Citations in 2020 to items published in [2018 - 2020]

Contributions by country/region 

country	count
1 Czech Republic	26
2 CHINA MAINLAND	22
3 Turkey	6
- USA	6
5 India	5
- Slovakia	5
7 Pakistan	3
8 England	2
- Iran	2
10 Algeria	1
- Bangladesh	1
- Ecuador	1
- Italy	1
- Jordan	1
- Kazakhstan	1

Contributions by organizations 

organization	count
1 CZECH TECHNICAL UNIVERSITY PRAGUE	19
2 MATEJ BEL UNIVERSITY	4
3 CZECH ACADEMY OF SCIENCES	2
- GOVERNMENT COLLEGE UNIVERSITY LAHORE	2
- NCBA&E	2
- TECHNICAL UNIVERSITY OF OSTRAVA	2
- UNIVERSITY OF WEST BOHEMIA PILSEN	2
- WUHAN UNIVERSITY	2
9 ABDELHAMID MEHRI CONSTANTINE 2 UNIV	1
- AIR UNIVERSITY ISLAMABAD	1
- AL-FARABI KAZAKH NATIONAL UNIVERSITY	1
- ANHUI UNIVERSITY	1
- AOU POLICLINICO GAETANO MARTINO	1
- AUBURN UNIVERSITY SYSTEM	1
- AUDISANKARA COLL ENGN & TECHNOL AUTONOMOUS	1

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