


2023 Journal Performance Data for: Pollution

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EISSN

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JCR ABBREVIATION

POLLUTION

ISO ABBREVIATION

Pollution

Journal Information

EDITION

Emerging Sources Citation
Index (ESCI)

CATEGORY

ENVIRONMENTAL SCIENCES

LANGUAGES

English

REGION

IRAN

1ST ELECTRONIC JCR YEAR

2020

Publisher Information

PUBLISHER

UNIV TEHRAN

ADDRESS

COLL SCI, PO BOX 14155-6455,
TEHRAN 1417-614411, IRAN

PUBLICATION FREQUENCY

4 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

1.1

2023 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

1.0

Journal Impact Factor Trend 2023

Journal Impact Factor is calculated using the following metrics

$$\frac{\text{Citations in 2023 to items published in 2021 (88) - 2022 (129)}}{\text{Number of citable items in 2021 (72) + 2022 (124)}} = \frac{217}{196} = 1.1$$

Journal Impact Factor without self cites is calculated using the following metrics

$$\frac{\text{Citations in 2023 to items published in 2021 (88) + 2022 (129) - Self Citations in 2023 to items published in 2021 (5) + 2022 (12)}}{\text{Number of citable items in 2021 (72) + 2022 (124)}} = \frac{217 - 17}{196} = 1.0$$

Journal Impact Factor Contributing Items

Citable Items (196)

TITLE	CITATION COUNT
Determinants of Environmental Degradation in Thailand: Empirical Evidence from ARDL and Wavelet Coherence Approaches Authors: Adebayo, T. S.;Akinsola, G. D.;Odugbesan, J. A.;Olanrewaju, V. O. Volume: 7 Accession number: WOS:000607367400013 Document Type: Article	10
Reviewing of Using Nanomaterials for Wastewater Treatment Authors: Alalwan, Hayder Abdulkhaleq;Alminshid, Alaa Hani;Mohammed, Malik Mustafa;Mohammed, Mohammed Fakhir;Shadhar, Mohanad Hatem Volume: 8 Accession number: WOS:000832259100019 Document Type: Article	8
Synthesis and Characterization of Fe ₃ O ₄ -SiO ₂ Nanoparticles as Adsorbent Material for Methyl Blue Dye Removal from Aqueous Solutions Authors: Ali, Nisreen Sabti Mohammed;Alalwan, Hayder A.;Alminshid, Alaa H.;Mohammed, Malik M. Volume: 8 Accession number: WOS:000746218500020 Document Type: Article	8
Biosorption of Reactive Red 120 Dye from Aqueous Solutions by using Mahagoni (<i>Swietenia mahagoni</i>) Wood and Bark Charcoal: Equilibrium, and Kinetic Studies Authors: Chakraborty, Tapos Kumar;Ghosh, Gopal Chandra;Akter, Mst. Nowshin;Audhikary, Keya;Islam, Md. Shahnul;Ghosh, Prianka;Zaman, Samina;Habib, Ahsan;Kabir, A. H. M. Enamul Volume: 7 Accession number: WOS:000717650300012 Document Type: Article	7
Assessment of Annual Effective Dose Associated with Radon in Drinking Water from Gold and Bismuth Mining area of Edu, Kwara, North-central Nigeria Authors: Ajibola, T. B.;Orosun, M. M.;Lawal, W. A.;Akinyose, F. C.;Salawu, N. B. Volume: 7 Accession number: WOS:000607367400017 Document Type: Article	6

Showing 1-5 rows of 196 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (137)

SOURCE NAME	COUNT
POLLUTION	17
WATER	11
SUSTAINABILITY	9
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	8
SCIENCE OF THE TOTAL ENVIRONMENT	5
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	3
HELIYON	3
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	3
JOURNAL OF CLUSTER SCIENCE	3
JOURNAL OF ECOLOGICAL ENGINEERING	3
JOURNAL OF ENVIRONMENTAL MANAGEMENT	3
MARINE POLLUTION BULLETIN	3
PLOS ONE	3
BIOLOGICAL TRACE ELEMENT RESEARCH	2
BIOMASS CONVERSION AND BIOREFINERY	2
CHEMISTRY AFRICA-A JOURNAL OF THE TUNISIAN CHEMICAL SOCIETY	2
CLEANER ENGINEERING AND TECHNOLOGY	2
DESALINATION AND WATER TREATMENT	2
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	2
ENVIRONMENTAL MONITORING AND ASSESSMENT	2

Showing 1-20 rows of 137 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.27

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](#)

Total Citations

645

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.

Citation Distribution

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

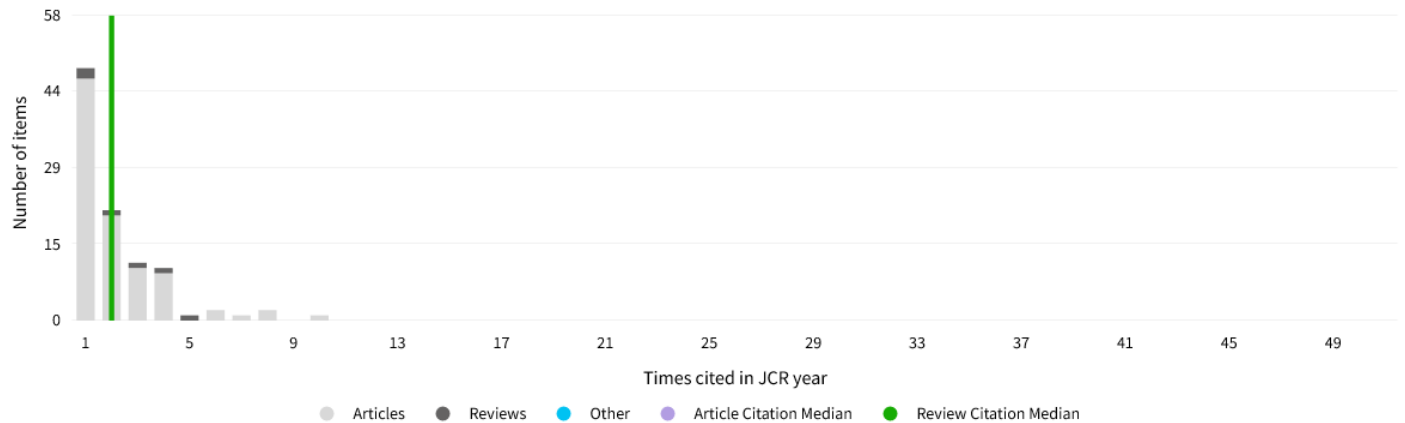
0

REVIEW CITATION MEDIAN

2

UNLINKED CITATIONS

4



0 times cited

ARTICLES

98

REVIEWS

1

OTHER

0

Open Access (OA)

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

310

% OF CITABLE OA

0.00%

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

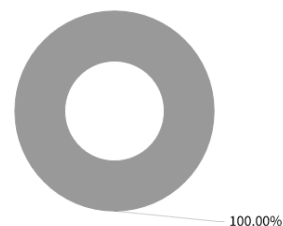
● SUBSCRIPTION OR BRONZE

310 / 100.00%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%



Citations*

TOTAL CITABLE

246

% OF CITABLE OA

0.00%

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

● SUBSCRIPTION OR BRONZE

246 / 97.62%

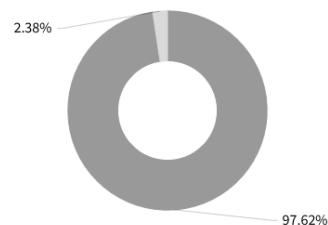
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%

● UNLINKED CITATIONS

6 / 2.38%



* 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

ENVIRONMENTAL SCIENCES

317/358

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2023	317/358	Q4	11.6	

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

ENVIRONMENTAL SCIENCES

313/359

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE	
2023	313/359	Q4	12.95	
2022	291/334	Q4	13.02	
2021	285/325	Q4	12.46	
2020	267/306	Q4	12.91	
2019	268/302	Q4	11.42	
2018	273/297	Q4	8.25	
2017	261/286	Q4	8.92	

Citation network

Cited Half-life

3.5 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

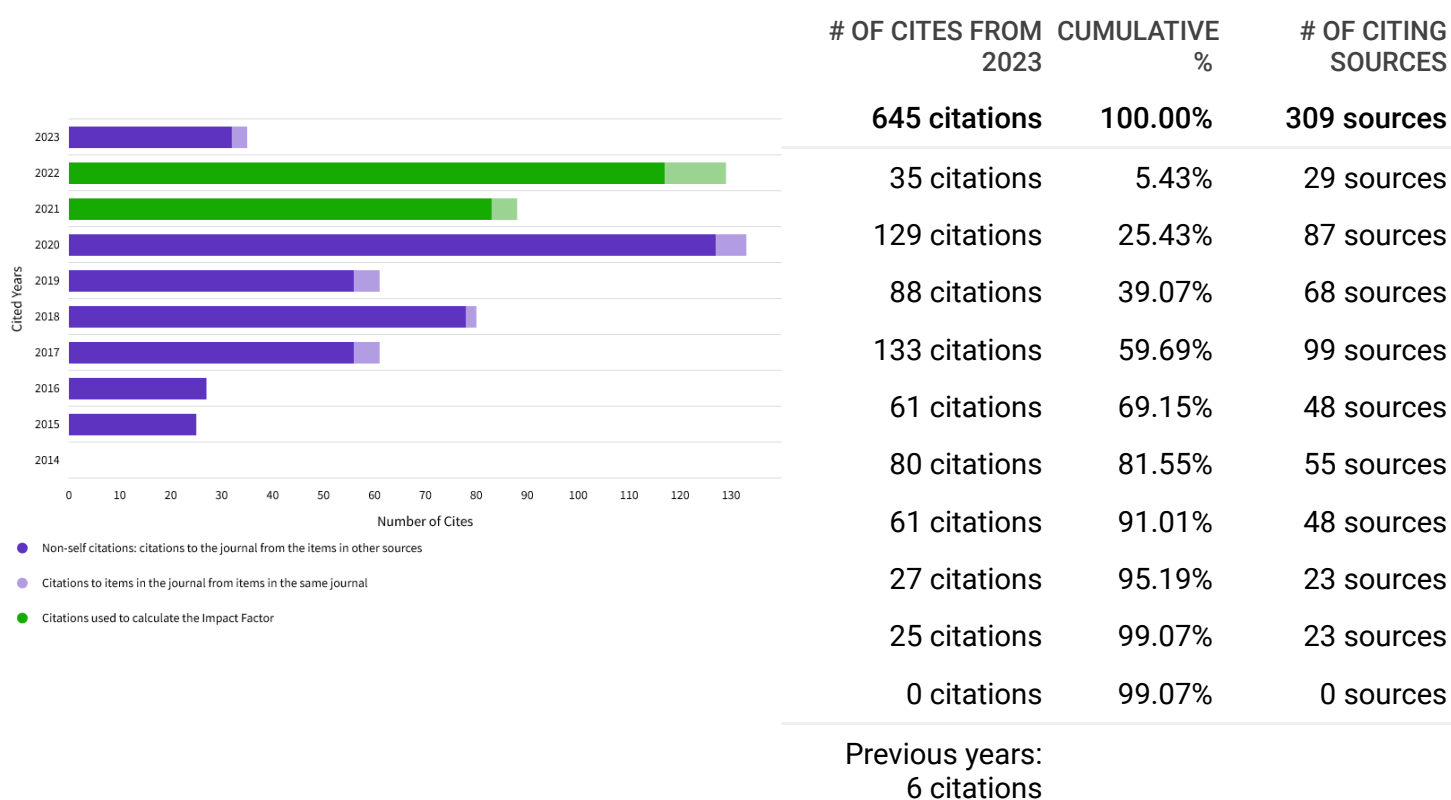
645

NON-SELF CITATIONS

607

SELF CITATIONS

38



Citing titles in all years

Pollution

	SOURCE NAME	COUNT
	All Others	212
1	Pollution	38
2	Sustainability	32
3	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	26
4	Water	20
5	ENVIRONMENTAL MONITORING AND ASSESSMENT	19
6	Science of The Total Environment	14
7	Scientific Reports	11
8	Heliyon	10
9	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	10
10	Marine Pollution Bulletin	9
11	International Journal of Environmental Science and Technology	7
12	Desalination and Water Treatment	6
13	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	6
14	ENVIRONMENTAL POLLUTION	6
15	JOURNAL OF HAZARDOUS MATERIALS	6
16	WATER AIR AND SOIL POLLUTION	6
17	Atmosphere	5
18	Biomass Conversion and Biorefinery	5
19	PLoS One	5
20	Applied Sciences-Basel	4

Showing 1 - 20 rows of 96 total (use export in the relevant section to download the full table)

Citing Half-life

6.7 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

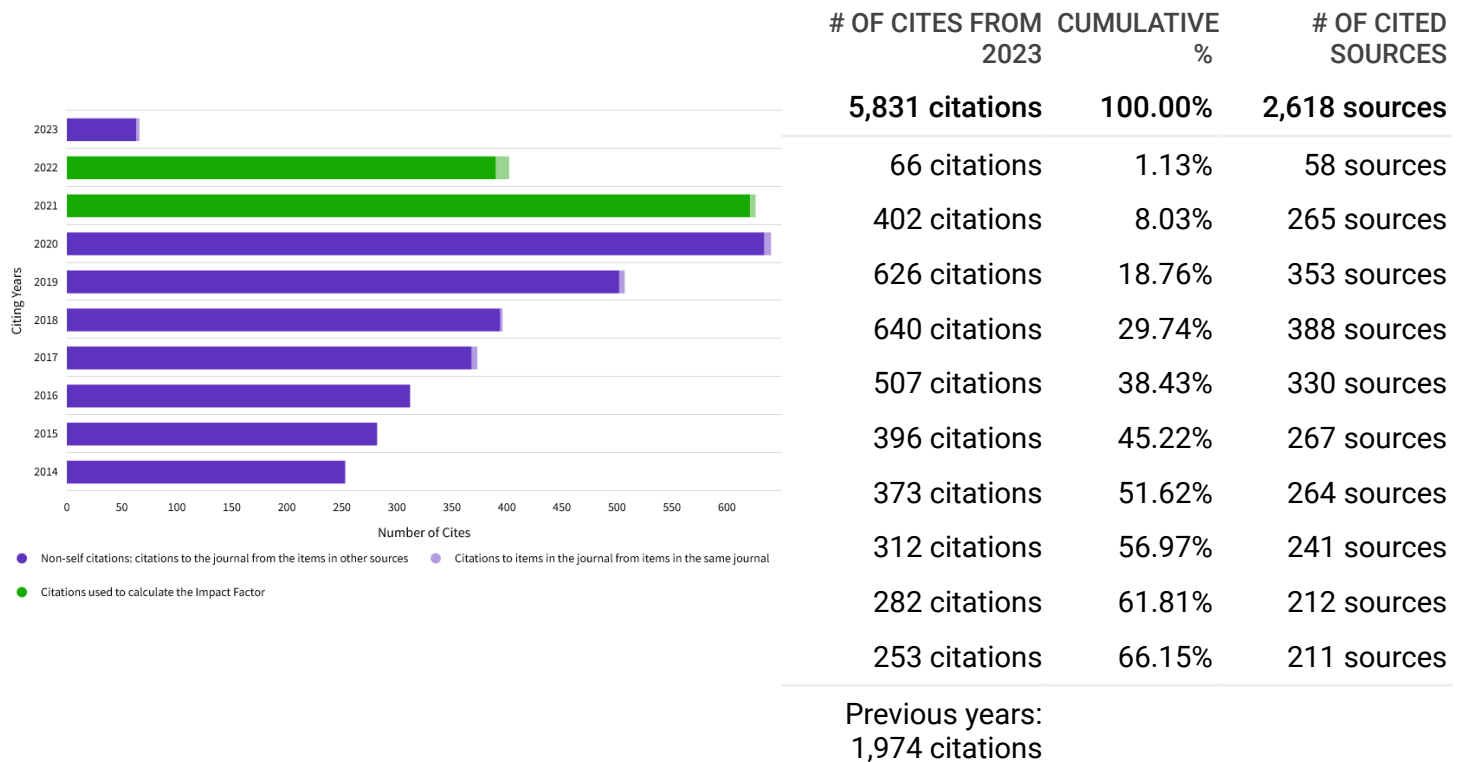
5,831

NON-SELF CITATIONS

5,793

SELF CITATIONS

38



Cited titles in all years

Pollution

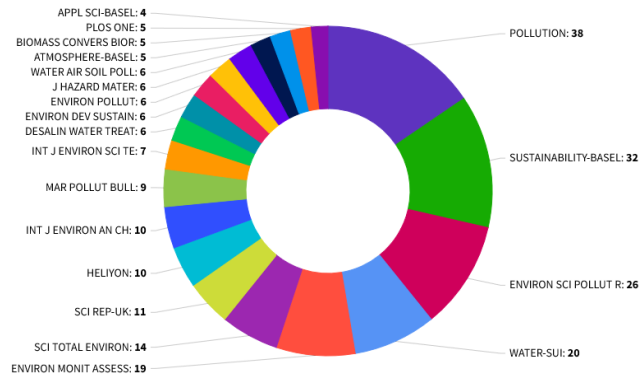
	SOURCE NAME	COUNT
	All Others	1,978
1	Science of The Total Environment	193
2	Chemosphere	105
3	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	91
4	JOURNAL OF HAZARDOUS MATERIALS	80
5	ENVIRONMENTAL POLLUTION	65
6	Marine Pollution Bulletin	60
7	ENVIRONMENTAL SCIENCE & TECHNOLOGY	54
8	Journal of Environmental Management	54
9	ATMOSPHERIC ENVIRONMENT	51
10	Sustainability	46
11	Journal of Cleaner Production	44
12	WATER RESEARCH	44
13	ENVIRONMENTAL MONITORING AND ASSESSMENT	43
14	ENVIRONMENT INTERNATIONAL	41
15	Water	41
16	ENVIRONMENTAL RESEARCH	39
17	Waste Management	39
18	Pollution	38
19	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	36
20	BIORESOURCE TECHNOLOGY	35

Showing 1 - 20 rows of 489 total (use export in the relevant section to download the full table)

Journal Citation Relationships

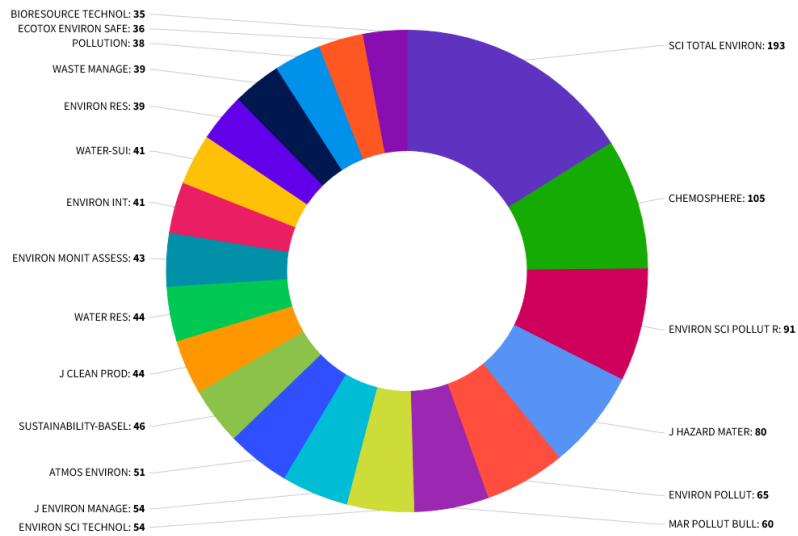
Cited Data

Top 20 journals citing POLLUTION by number of citations



Citing Data

Top 20 journals cited by POLLUTION 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](#)

114 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2023 (A)	109	5	114	0	100%
NUMBER OF REFERENCES (B)	5,061	770	5,831	0	100%
RATIO (B/A)	46.4	154.0	51.1	N/A	

Average JIF Percentile

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









11.6

ENVIRONMENTAL SCIENCES

11.6

Contributions by Organizations









Organizations that have contributed the most papers to the journal in the most recent three-year period. [Learn more](#)

RANK	ORGANIZATION	COUNT	
1	UNIVERSITY OF TEHRAN	38	
2	ISLAMIC AZAD UNIVERSITY	23	
3	RUSSIAN ACADEMY OF SCIENCES	12	
4	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	9	
5	SHAHID BEHESHTI UNIVERSITY	7	
6	IRAQ MINISTRY OF SCIENCE & TECHNOLOGY (MOST)	6	
7	EGYPTIAN KNOWLEDGE BANK (EKB)	5	
-	TEHRAN UNIVERSITY OF MEDICAL SCIENCES	5	

Showing 1 - 8 rows of 377 total (use export in the relevant section to download the full table)

Contributions by country/region

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	Iran	91	
2	India	50	
3	Nigeria	25	
4	Iraq	21	
5	Russia	18	
6	Bangladesh	12	
7	Morocco	11	
8	Indonesia	10	

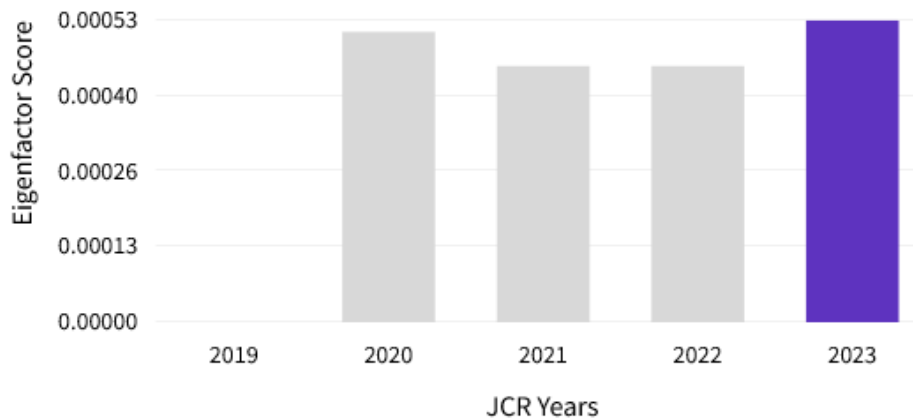
Showing 1 - 8 rows of 50 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00053

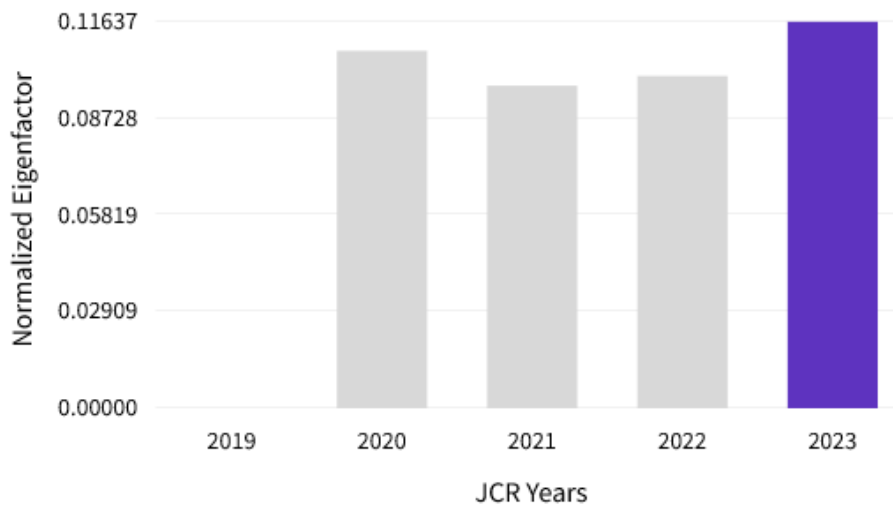
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.11637

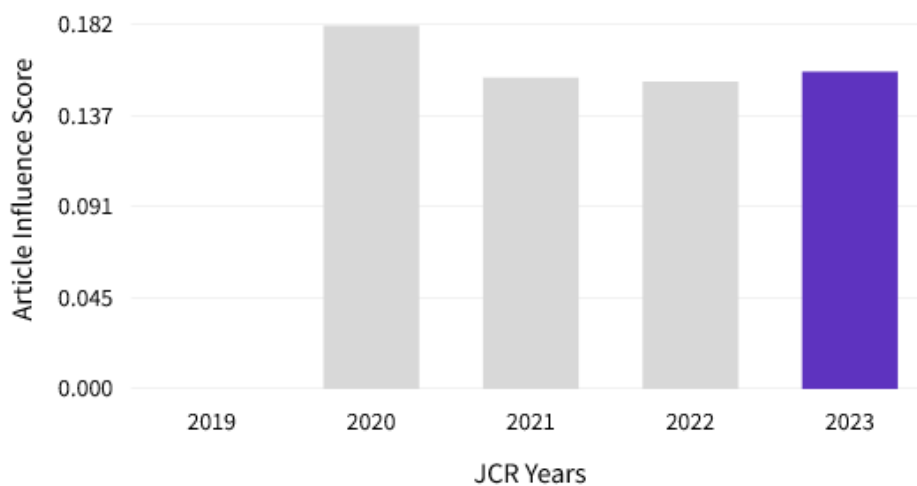
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

0.159

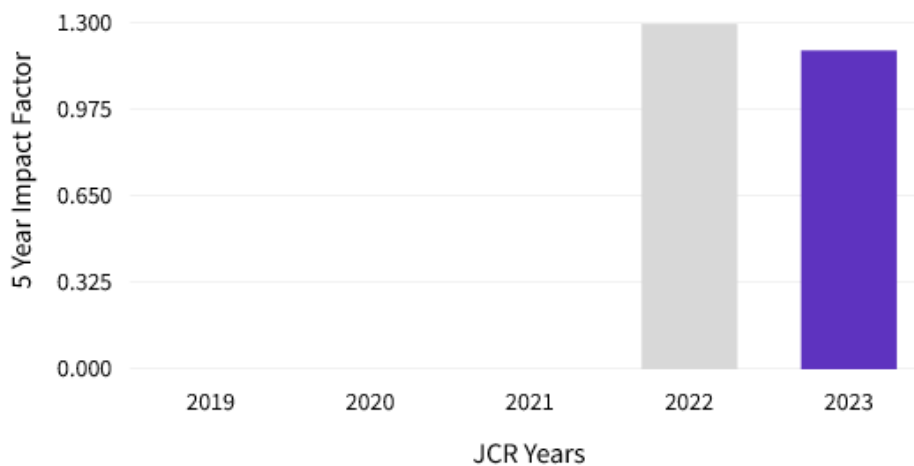
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. [Learn more](#)



5 year Impact Factor

1.2

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.



5 year Impact Factor calculation

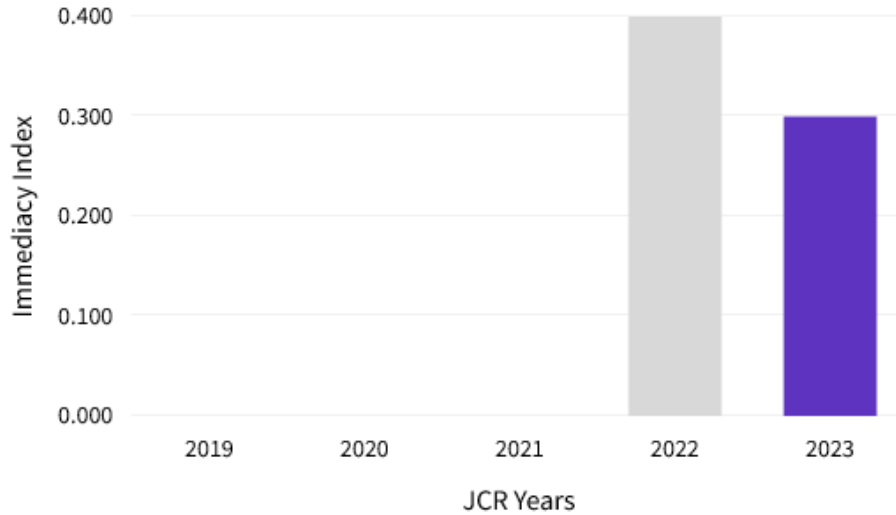
Citations in 2023 to items published in [2018-2022] (491)	=	491	=	1.2
Number of citable items in [2018-2022] (403)		403		

Immediacy Index

0.3

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](#)



Immediacy Index calculation

$$\frac{\text{Cites in 2023 to items published in [2023]}}{\text{Number of items published in [2023]}} = \frac{35}{114} = 0.3$$