


# 2022 Journal Performance Data for: Pollution

 Open Access since 2015

ISSN	EISSN
2383-451X	2383-4501
JCR ABBREVIATION	ISO ABBREVIATION
POLLUTION	Pollution

## Journal Information

EDITION	CATEGORY	
Emerging Sources Citation Index (ESCI)	ENVIRONMENTAL SCIENCES - ESCI	
LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	IRAN	2020

## Publisher Information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
UNIV TEHRAN	COLL SCI, PO BOX 14155-6455, TEHRAN 1417-614411, IRAN	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](#)

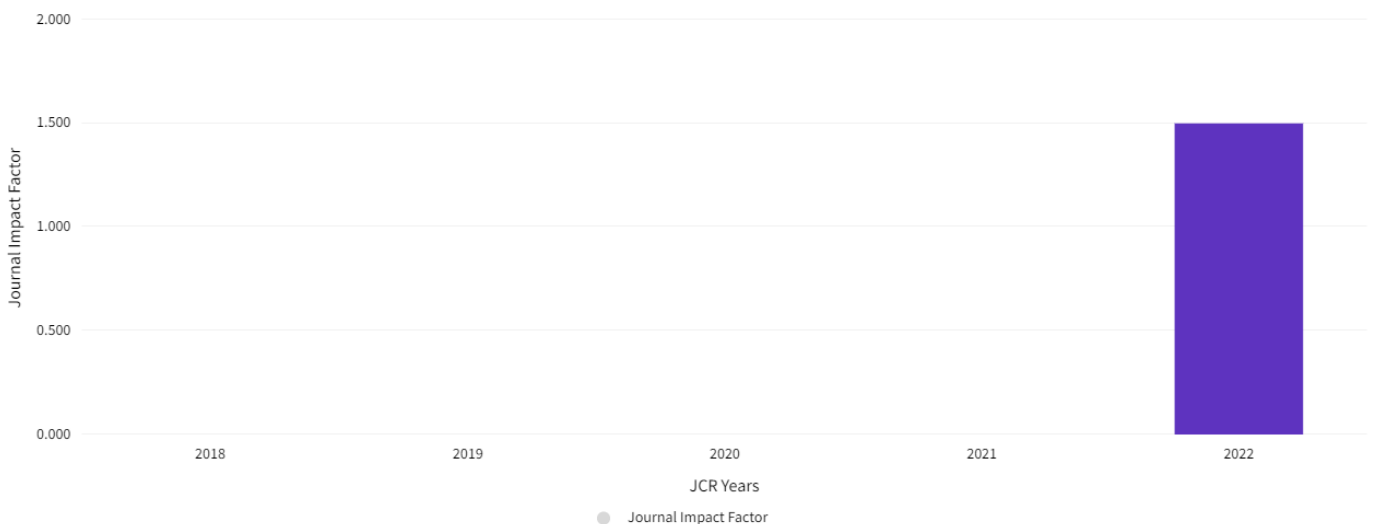
2022 JOURNAL IMPACT FACTOR

**1.5**

2022 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

**1.4**

### Journal Impact Factor Trend 2022



Journal Impact Factor is calculated using the following metrics






$$\frac{\text{Citations in 2022 to items published in 2020 (113) - 2021 (109)}}{\text{Number of citable items in 2020 (72) + 2021 (72)}} = \frac{222}{144} = 1.5$$

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

$$\frac{\text{Citations in 2022 to items published in 2020 (113) + 2021 (109) - Self Citations in 2022 to items published in 2020 (7) + 2021 (9)}}{\text{Number of citable items in 2020 (72) + 2021 (72)}} = \frac{222 - 16}{144} = 1.4$$

## Journal Impact Factor Contributing Items

### Citable Items (144)

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	30 
Emerging Pollutants in Aquatic Environment: Source, Effect, and Challenges in Biomonitoring and Bioremediation- A Review Authors: Patel, N.;Khan, Md Z. A.;Shahane, S.;Rai, D.;Chauhan, D.;Kant, C.;Chaudhary, V. K. Volume: 6 Accession number: WOS:000507309900009 Document Type: Review	23 
Removal of Methyl Orange Dye from Aqueous Solution by a Low-Cost Activated Carbon Prepared from Mahagoni (Swietenia mahagoni) Bark Authors: Ghosh, G. C.;Chakraborty, T. K.;Zaman, S.;Nahar, M. N.;Kabir, A. H. M. E. Volume: 6 Accession number: WOS:000507309900015 Document Type: Article	11 
The role of nanoadsorbents and nanocomposite adsorbents in the removal of heavy metals from wastewater: A review and prospect Authors: Nik-Abdul-Ghani, N. R.;Jami, M. S.;Alam, M. Z. Volume: 7 Accession number: WOS:000607367400012 Document Type: Review	10 
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	7 

Showing 1-5 rows of 144 total (use export in the relevant section to download the full table)

## Journal Impact Factor Contributing Items

### Citing Sources (126)

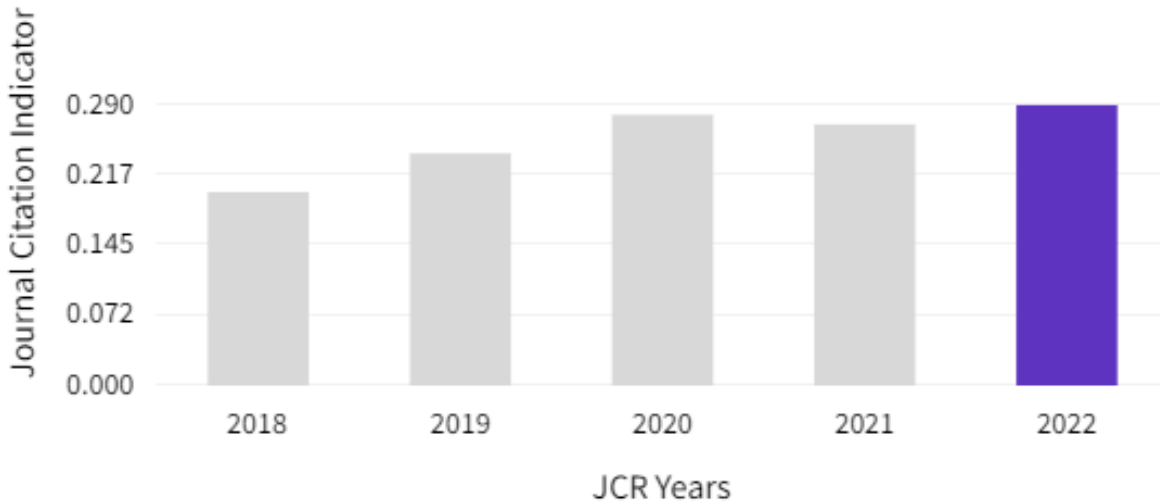
SOURCE NAME	COUNT
POLLUTION	16
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	13
SUSTAINABILITY	10
SCIENCE OF THE TOTAL ENVIRONMENT	9
ENERGY & ENVIRONMENT	6
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	6
ENVIRONMENTAL MONITORING AND ASSESSMENT	5
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	4
JOURNAL OF FUNGI	4
AGRICULTURE-BASEL	3
ENVIRONMENTAL POLLUTION	3
ENVIRONMENTAL RESEARCH	3
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	3
INTERNATIONAL JOURNAL OF SUSTAINABLE DEVELOPMENT AND WORLD ECOLOGY	3
MARINE POLLUTION BULLETIN	3
TOXICS	3
ACS APPLIED MATERIALS & INTERFACES	2
AIR QUALITY ATMOSPHERE AND HEALTH	2
APPLIED WATER SCIENCE	2
ATMOSPHERE	2

Showing 1-20 rows of 126 total (use export in the relevant section to download the full table)

## Journal Citation Indicator (JCI)

0.29

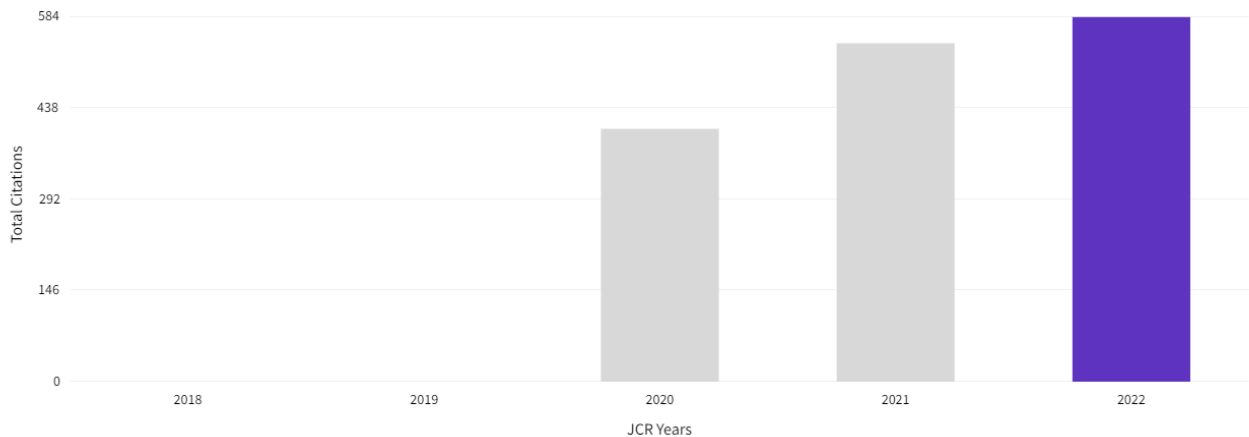
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in that category. It may be used alongside other metrics to help you evaluate journals. [Learn more](#)



## Total Citations

584

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

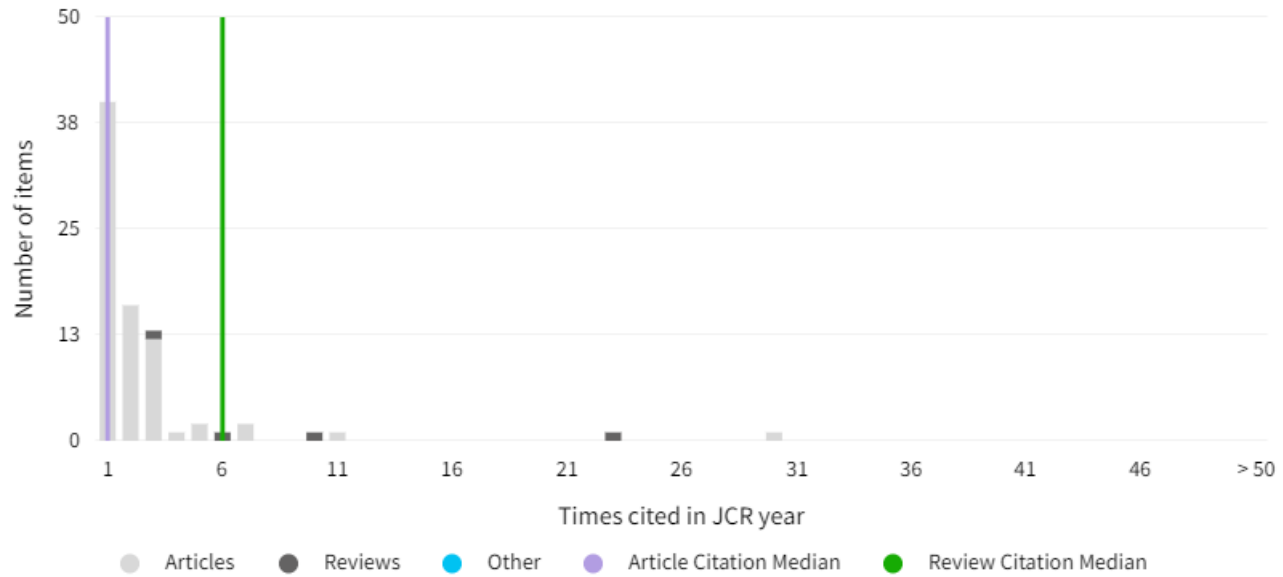
**1**

REVIEW CITATION MEDIAN

**6**

UNLINKED CITATIONS

**3**



## 0 times cited

ARTICLES

**64**

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

**268**

% OF CITABLE OA

**0.00%**

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

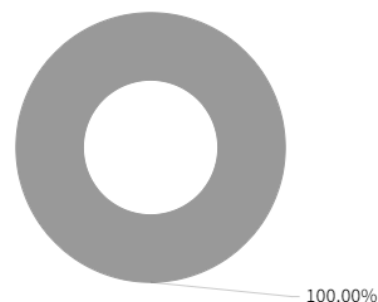
● SUBSCRIPTION OR BRONZE

268 / 100.00%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%



### Citations\*

TOTAL CITABLE

**268**

% OF CITABLE OA

**0.00%**

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

● SUBSCRIPTION OR BRONZE

268 / 98.53%

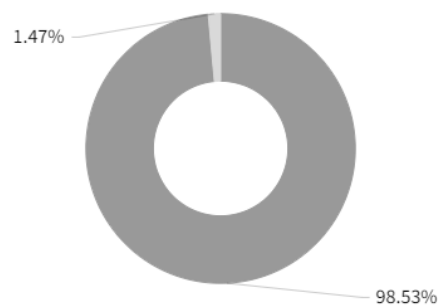
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%

● UNLINKED CITATIONS

4 / 1.47%



\* Citations in 2022 to items published in (2020-2022)



## Rank by Journal Impact factor

**Note:** While journals indexed in AHCI and ESCI are receiving a JIF for the first time in June 2023, they will not receive ranks, quartiles, or percentiles until the release of 2023 data in June 2024. [Learn more](#)

## 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.

Only journals which have a calculated JCI value are included in the JCI ranking. The total number of journals displayed in this ranking may be less than the category overall. [Learn more](#)

### CATEGORY

ENVIRONMENTAL SCIENCES

**287/330**

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE	
2022	287/330	Q4	13.18	
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

3.2 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

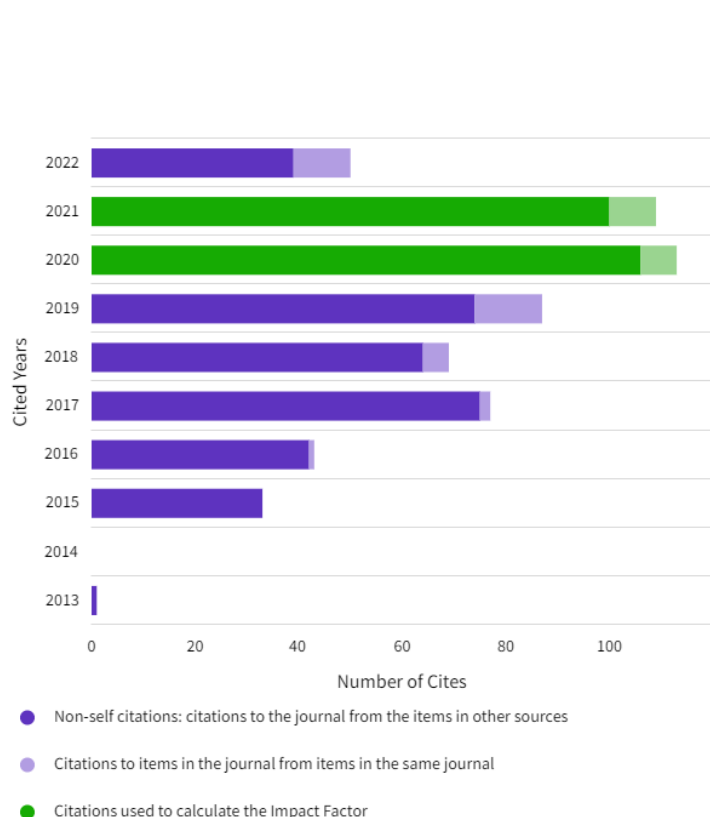
584

NON-SELF CITATIONS

536

SELF CITATIONS

48



# OF CITES FROM 2022	CUMULATIVE %	# OF CITING SOURCES
<b>584 citations</b>	<b>100.00%</b>	<b>261 sources</b>
50 citations	8.56%	31 sources
109 citations	27.23%	69 sources
113 citations	46.58%	79 sources
87 citations	61.47%	57 sources
69 citations	73.29%	50 sources
77 citations	86.47%	58 sources
43 citations	93.84%	35 sources
33 citations	99.49%	28 sources
0 citations	99.49%	0 sources
1 citations	99.66%	1 sources

Previous years:  
2 citations

## Citing titles in all years

### Pollution

	SOURCE NAME	COUNT
	All Others	178
1	Pollution	48
2	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	35
3	Sustainability	19
4	ENVIRONMENTAL MONITORING AND ASSESSMENT	18
5	Science of The Total Environment	13
6	International Journal of Environmental Science and Technology	11
7	Water	10
8	Chemosphere	9
9	Environmental Health Insights	8
10	Heliyon	8
11	ENVIRONMENTAL RESEARCH	7
12	Atmosphere	6
13	Desalination and Water Treatment	6
14	Energy & Environment	6
15	Environmental Earth Sciences	6
16	Journal of Cleaner Production	6
17	Journal of Environmental Management	6
18	Marine Pollution Bulletin	6
19	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	5
20	ENVIRONMENTAL POLLUTION	5

Showing 1 - 20 rows of 81 total (use export in the relevant section to download the full table)

# Citing Half-life

## 7.7 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

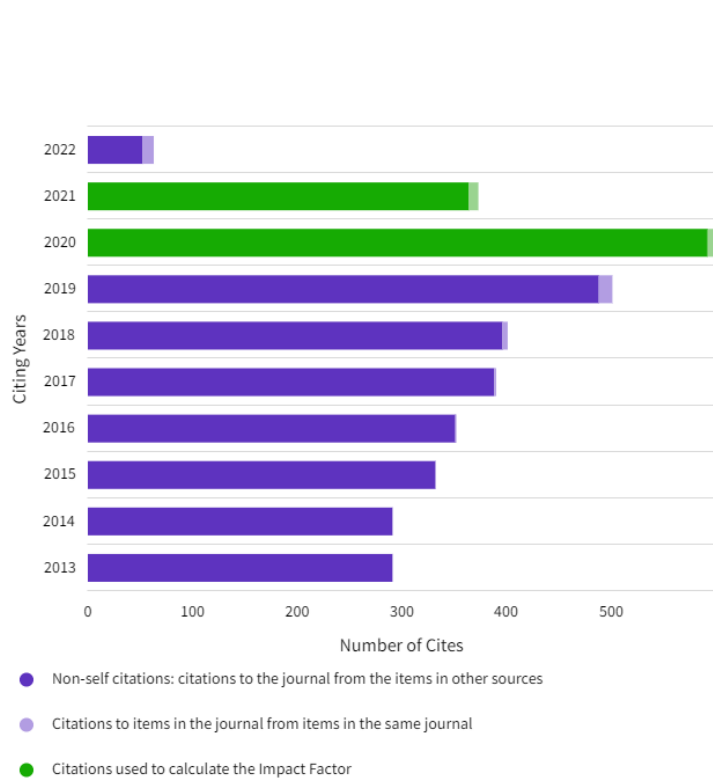
5,848

NON-SELF CITATIONS

5,800

SELF CITATIONS

48



# OF CITES FROM 2022	CUMULATIVE %	# OF CITED SOURCES
<b>5,848 citations</b>	<b>100.00%</b>	<b>2,504 sources</b>
63 citations	1.08%	43 sources
373 citations	7.46%	228 sources
599 citations	17.70%	355 sources
501 citations	26.27%	313 sources
401 citations	33.12%	274 sources
390 citations	39.79%	268 sources
352 citations	45.81%	243 sources
332 citations	51.49%	229 sources
291 citations	56.46%	225 sources
291 citations	61.44%	221 sources

Previous years:  
2,255 citations

## Cited titles in all years

### Pollution

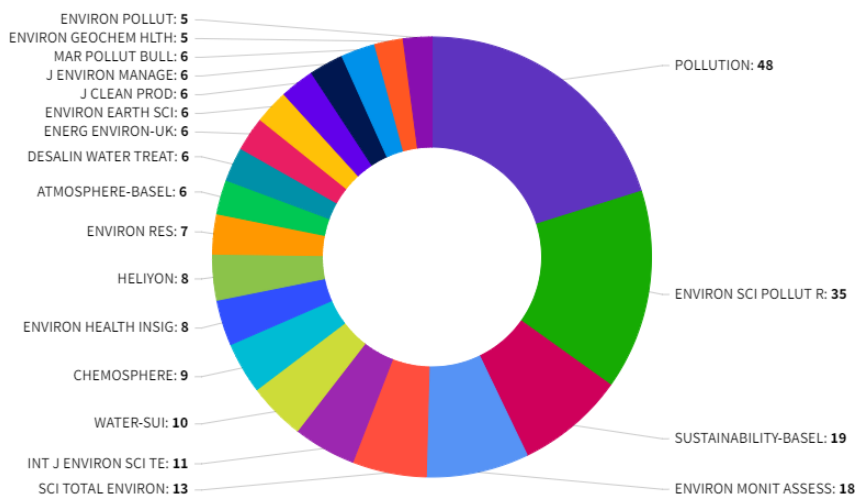
	SOURCE NAME	COUNT
	All Others	1,837
1	Science of The Total Environment	165
2	ENVIRONMENTAL POLLUTION	98
3	Chemosphere	92
4	ATMOSPHERIC ENVIRONMENT	89
5	JOURNAL OF HAZARDOUS MATERIALS	79
6	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	75
7	Marine Pollution Bulletin	73
8	ENVIRONMENTAL SCIENCE & TECHNOLOGY	68
9	WATER RESEARCH	67
10	BIORESOURCE TECHNOLOGY	60
11	Chemical Engineering Journal	52
12	ENVIRONMENTAL MONITORING AND ASSESSMENT	48
13	Pollution	48
14	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	44
15	ENVIRONMENTAL RESEARCH	40
16	Scientific Reports	35
17	Journal of Environmental Management	34
18	WATER SCIENCE AND TECHNOLOGY	33
19	ENVIRONMENT INTERNATIONAL	30
20	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	30

Showing 1 - 20 rows of 495 total (use export in the relevant section to download the full table)

# Journal Citation Relationships

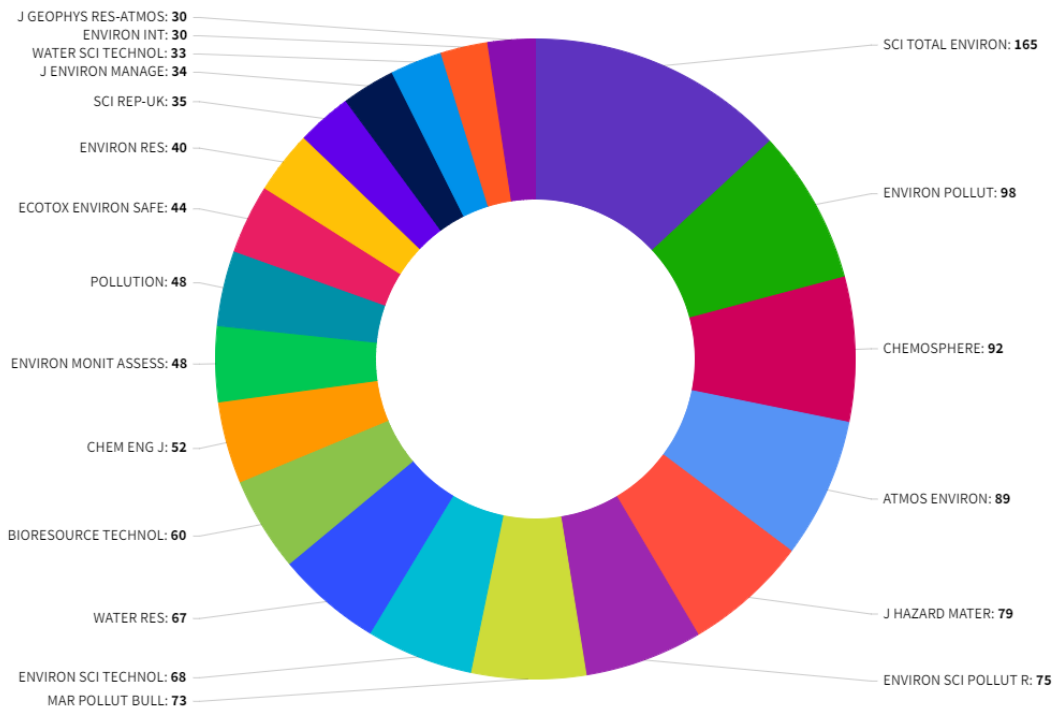
## Cited Data

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](#)









### 124 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	118	6	124	N/A	100%
NUMBER OF REFERENCES (B)	5,221	627	5,848	N/A	100%
RATIO (B/A)	44.2	104.5	47.2	N/A	



## 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	ISLAMIC AZAD UNIVERSITY	24	
-	UNIVERSITY OF TEHRAN	24	
3	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	12	
4	RUSSIAN ACADEMY OF SCIENCES	8	
5	TEHRAN UNIVERSITY OF MEDICAL SCIENCES	6	
6	EGYPTIAN KNOWLEDGE BANK (EKB)	5	
-	INDIAN INSTITUTE OF TECHNOLOGY SYSTEM (IIT SYSTEM)	5	
-	JAHANGIRNAGAR UNIVERSITY	5	

Showing 1 - 8 rows of 341 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	83	
2	India	52	
3	Nigeria	16	
4	Bangladesh	15	
5	Turkey	12	
6	Russia	11	
7	Algeria	10	
8	Malaysia	9	

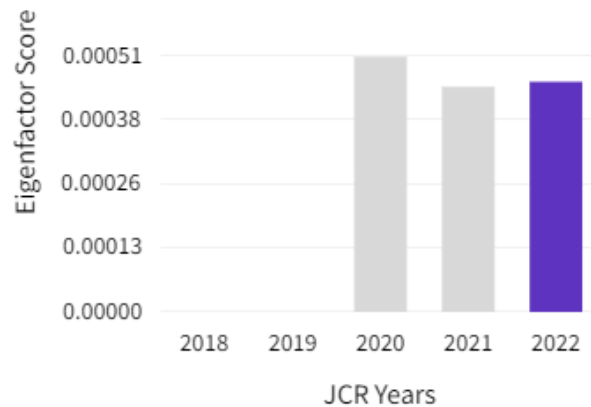
Showing 1 - 8 rows of 47 total (use export in the relevant section to download the full table)

# Additional metrics

## Eigenfactor score

**0.00046**

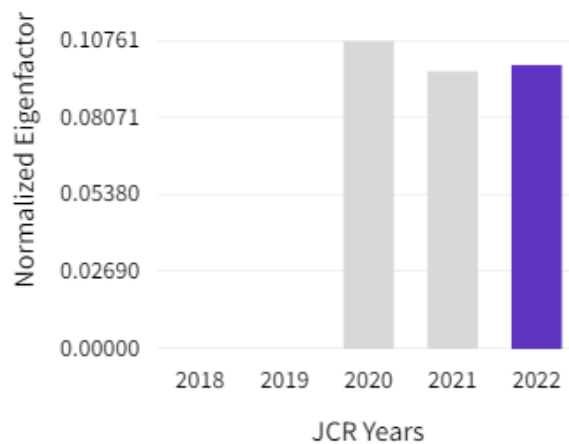
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



## Normalized Eigenfactor

**0.09928**

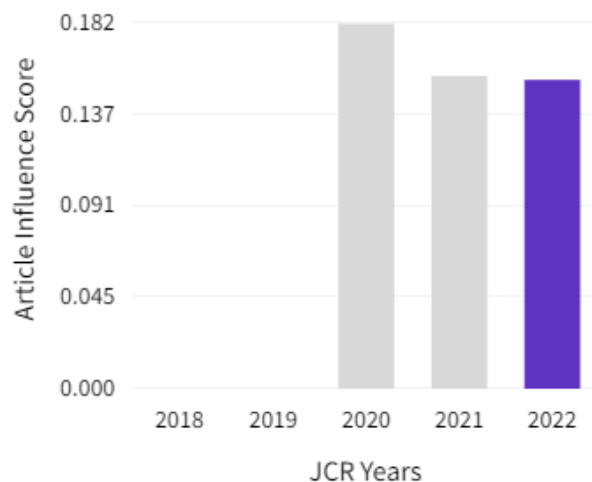
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



## Article influence score

**0.154**

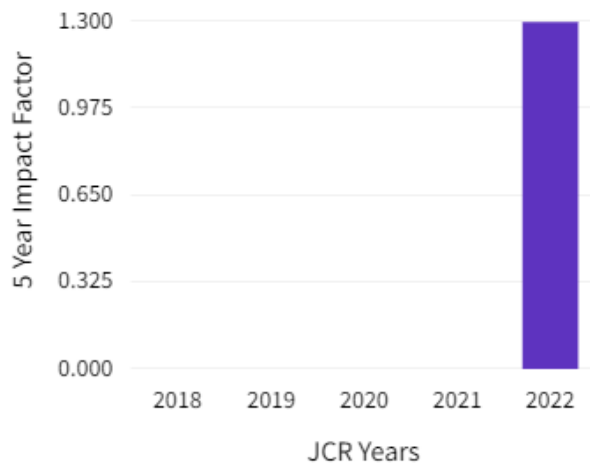
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.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



# 5 year Impact Factor

## 1.3

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

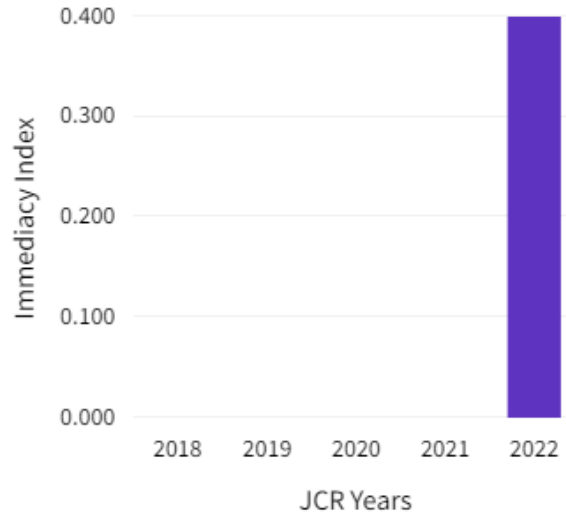
Citations in 2022 to items published in [2017-2021] (455)	=	455	=	1.3
Number of citable items in [2017-2021] (339)		339		

# Immediacy Index

0.4

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

Cites in 2022 to items published in 2022	50	
<hr/>		50 / 124 = 0.4
Number of items published in 2022	124	