

2023 Journal Performance Data for: Scientia Iranica

ISSN	EISSN
1026-3098	N/A
JCR ABBREVIATION	ISO ABBREVIATION
SCI IRAN	Sci. Iran.

Journal Information

EDITION	CATEGORY	
Science Citation Index Expanded (SCIE)	ENGINEERING, MULTIDISCIPLINARY	
LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	IRAN	2009

Publisher Information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
SHARIF UNIV TECHNOLOGY	PO BOX 11155-8639, TEHRAN 00000, 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](#)

2023 JOURNAL IMPACT FACTOR

1.4

2023 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

1.3

Journal Impact Factor Trend 2023



Journal Impact Factor is calculated using the following metrics




$$\frac{\text{Citations in 2023 to items published in 2021 (317) - 2022 (398)}}{\text{Number of citable items in 2021 (257) + 2022 (242)}} = \frac{715}{499} = 1.4$$

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

$$\frac{\text{Citations in 2023 to items published in 2021 (317) + 2022 (398) - Self Citations in 2023 to items published in 2021 (25) + 2022 (36)}}{\text{Number of citable items in 2021 (257) + 2022 (242)}} = \frac{715 - 61}{499} = 1.3$$

Journal Impact Factor Contributing Items

Citable Items (499)

TITLE	CITATION COUNT
Sensitivity analysis for Walters-B nanoliquid flow over a radiative Riga surface by RSM Authors: Shafiq, A.;Mebarek-Oudina, F.;Sindhu, T. N.;Rasool, G. Volume: 29 Accession number: WOS:000817632100006 Document Type: Article	30
Numerical prediction of deflection and stress responses of functionally graded structure for grading patterns (power-law, sigmoid, and exponential) and variable porosity (even/uneven) Authors: Ramteke, P. M.;Meher, K.;Sharma, N.;Panda, S. K. Volume: 28 Accession number: WOS:000662299700008 Document Type: Article	12 
<i>T</i> -spherical fuzzy soft sets and its aggregation operators with application in decision-making Authors: Guleria, A.;Bajaj, R. K. Volume: 28 Accession number: WOS:000662301300009 Document Type: Article	11 
Copper (II) supported on a post-modified magnetic pectin Fe ₃ O ₄ @Pectin-Imidazole-SO ₃ ⁻ -H-Cu(H): An efficient biopolymer-based catalyst for selective oxidation of alcohols with aqueous TBHP Authors: Kargar, P. Ghamari;Ghasemi, M.;Bagherzade, Gh Volume: 29 Accession number: WOS:000817633200005 Document Type: Article	10
Quantile regression-ratio-type estimators for mean estimation under complete and partial auxiliary information Authors: Shalizad, U.;Hanif, M.;Sajjad, I;Anas, M. M. Volume: 29 Accession number: WOS:000817636300008 Document Type: Article	10 

Showing 1-5 rows of 499 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (367)

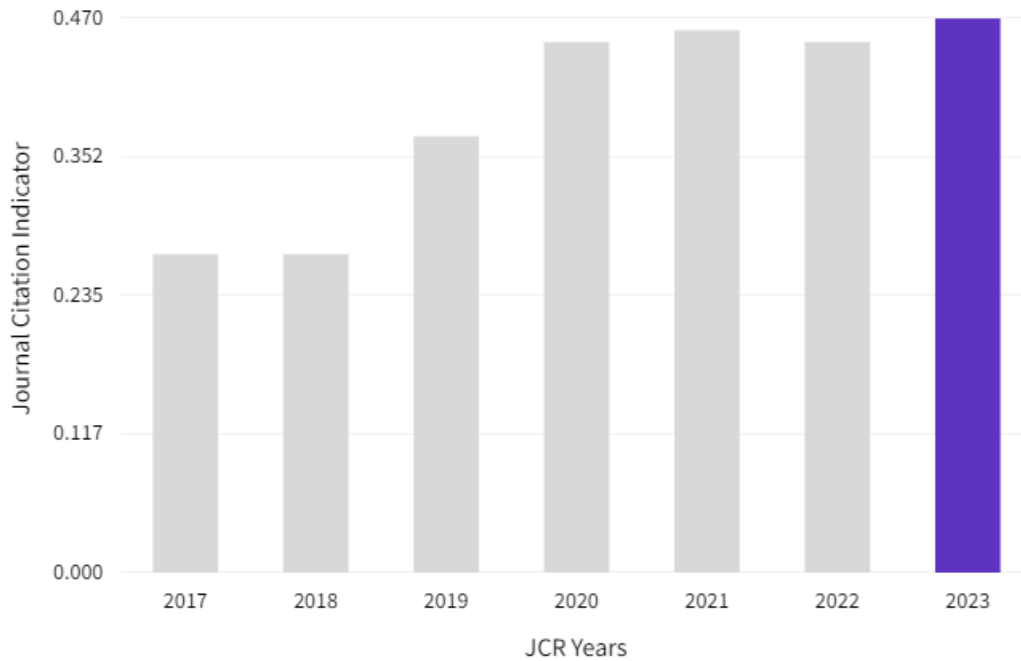
SOURCE NAME	COUNT
SCIENTIA IRANICA	61
SUSTAINABILITY	18
HELIYON	11
SOFT COMPUTING	10
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	9
SCIENTIFIC REPORTS	9
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	8
CASE STUDIES IN THERMAL ENGINEERING	8
INTERNATIONAL JOURNAL OF MODERN PHYSICS B	8
SYMMETRY-BASEL	8
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	7
EXPERT SYSTEMS WITH APPLICATIONS	7
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	7
ALEXANDRIA ENGINEERING JOURNAL	6
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	6
COMPUTERS & INDUSTRIAL ENGINEERING	6
IEEE ACCESS	6
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	6
MATERIALS	6
ACS OMEGA	5

Showing 1-20 rows of 367 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.47

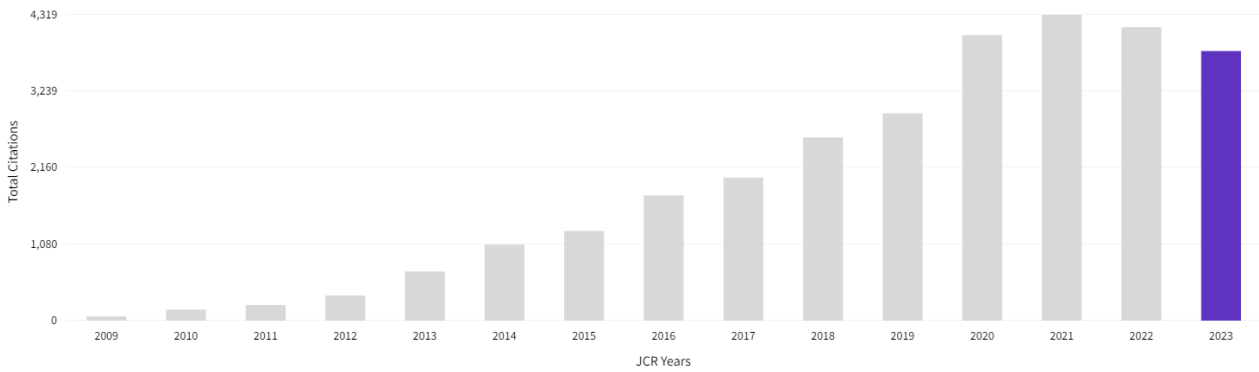
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

3,807

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

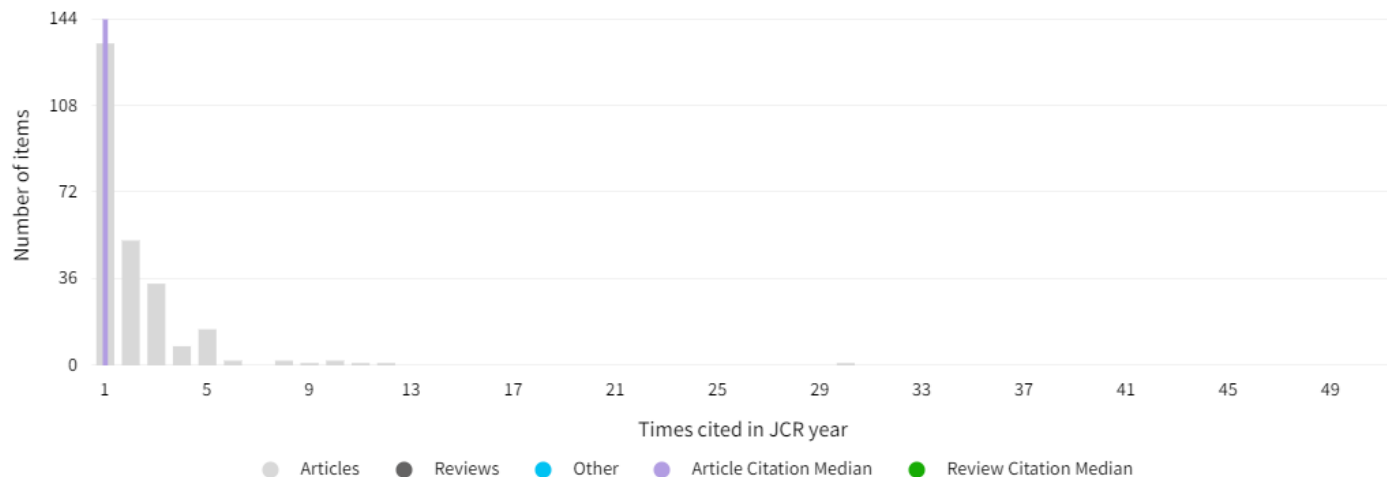
1

REVIEW CITATION MEDIAN

N/A

UNLINKED CITATIONS

158



0 times cited

ARTICLES

246

REVIEWS

0

OTHER

3

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

649

% OF CITABLE OA

82.43%

CITABLE

● GOLD OPEN ACCESS

535 / 82.06%

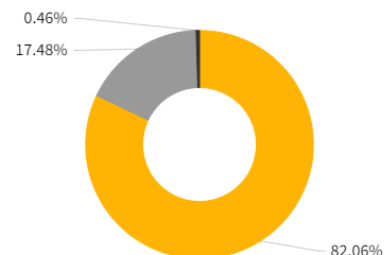
● SUBSCRIPTION OR BRONZE

114 / 17.48%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

3 / 0.46%



Citations*

TOTAL CITABLE

652

% OF CITABLE OA

76.99%

CITABLE

● GOLD OPEN ACCESS

502 / 58.85%

● SUBSCRIPTION OR BRONZE

150 / 17.58%

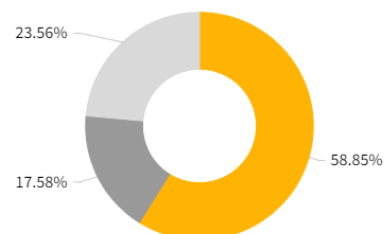
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%

● UNLINKED CITATIONS

201 / 23.56%



* 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

ENGINEERING, MULTIDISCIPLINARY















80/179

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2023	80/179	Q2	55.6	

Rank by JIF before 2023 for ENGINEERING, MULTIDISCIPLINARY

EDITION

Science Citation Index Expanded (SCIE)

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2022	66/90	Q3	27.2	
2021	72/92	Q4	22.28	
2020	66/90	Q3	27.22	
2019	66/91	Q3	28.02	
2018	75/88	Q4	15.34	
2017	77/86	Q4	11.05	
2016	75/85	Q4	12.35	
2015	57/85	Q3	33.53	
2014	38/85	Q2	55.88	
2013	48/87	Q3	45.40	
2012	56/90	Q3	38.33	
2011	68/90	Q4	25.00	
2010	69/87	Q4	21.26	
2009	70/79	Q4	12.03	








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

ENGINEERING, MULTIDISCIPLINARY

78/180

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE	
2023	78/180	Q2	56.94	
2022	78/178	Q2	56.46	
2021	75/175	Q2	57.43	
2020	72/170	Q2	57.94	
2019	87/169	Q3	48.82	
2018	109/168	Q3	35.42	
2017	105/168	Q3	37.80	

Citation network

Cited Half-life

6.4 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

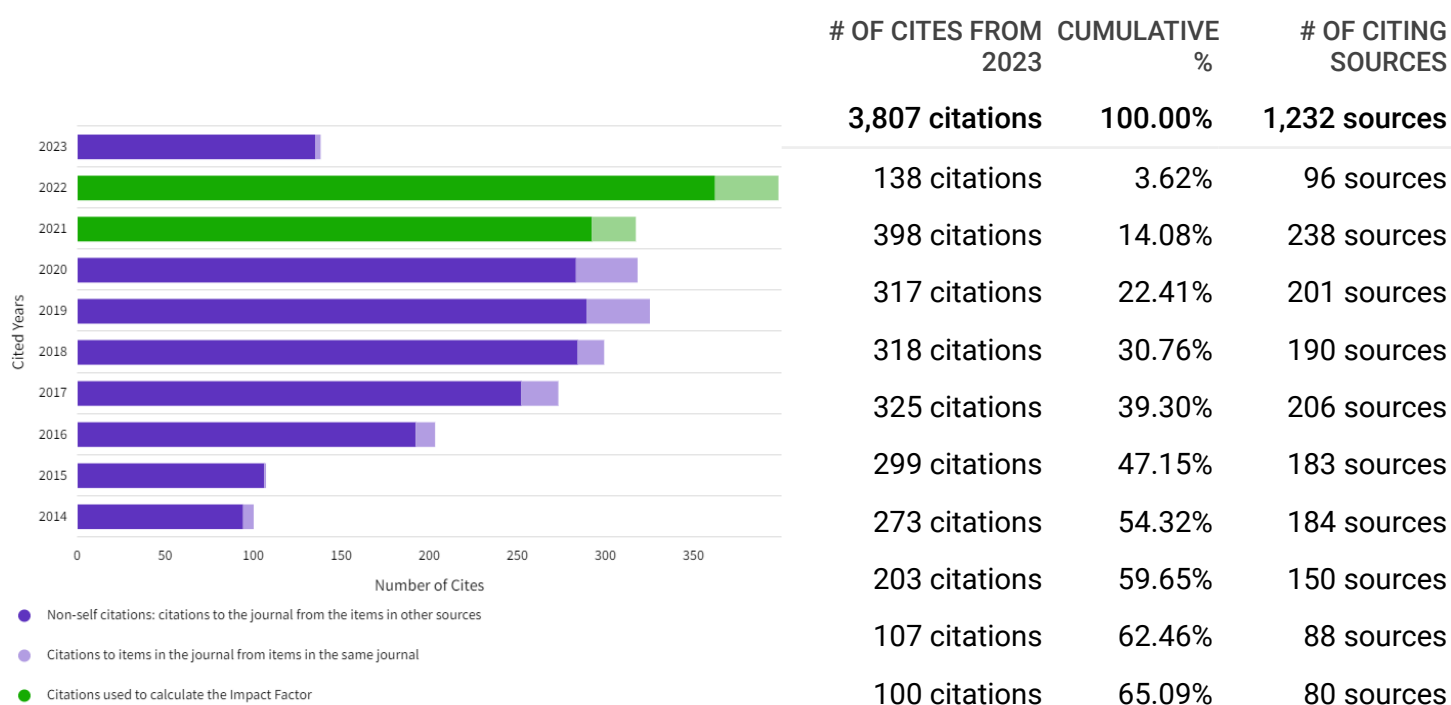
3,807

NON-SELF CITATIONS

3,607

SELF CITATIONS

200



Previous years:
1,329 citations

Citing titles in all years

Scientia Iranica

	SOURCE NAME	COUNT
	All Others	668
1	Scientia Iranica	200
2	Sustainability	73
3	Applied Sciences-Basel	42
4	EXPERT SYSTEMS WITH APPLICATIONS	42
5	Scientific Reports	42
6	Structures	40
7	COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING	39
8	SOFT COMPUTING	39
9	Case Studies in Thermal Engineering	38
10	Buildings	34
11	Heliyon	34
12	Materials	31
13	Symmetry-Basel	30
14	Computers & Industrial Engineering	29
15	Energies	29
16	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	28
17	Construction and Building Materials	27
18	Iranian Journal of Science and Technology-Transactions of Civil Engineering	27
19	Mathematics	27
20	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	26

Showing 1 - 20 rows of 557 total (use export in the relevant section to download the full table)

Citing Half-life

7.0 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

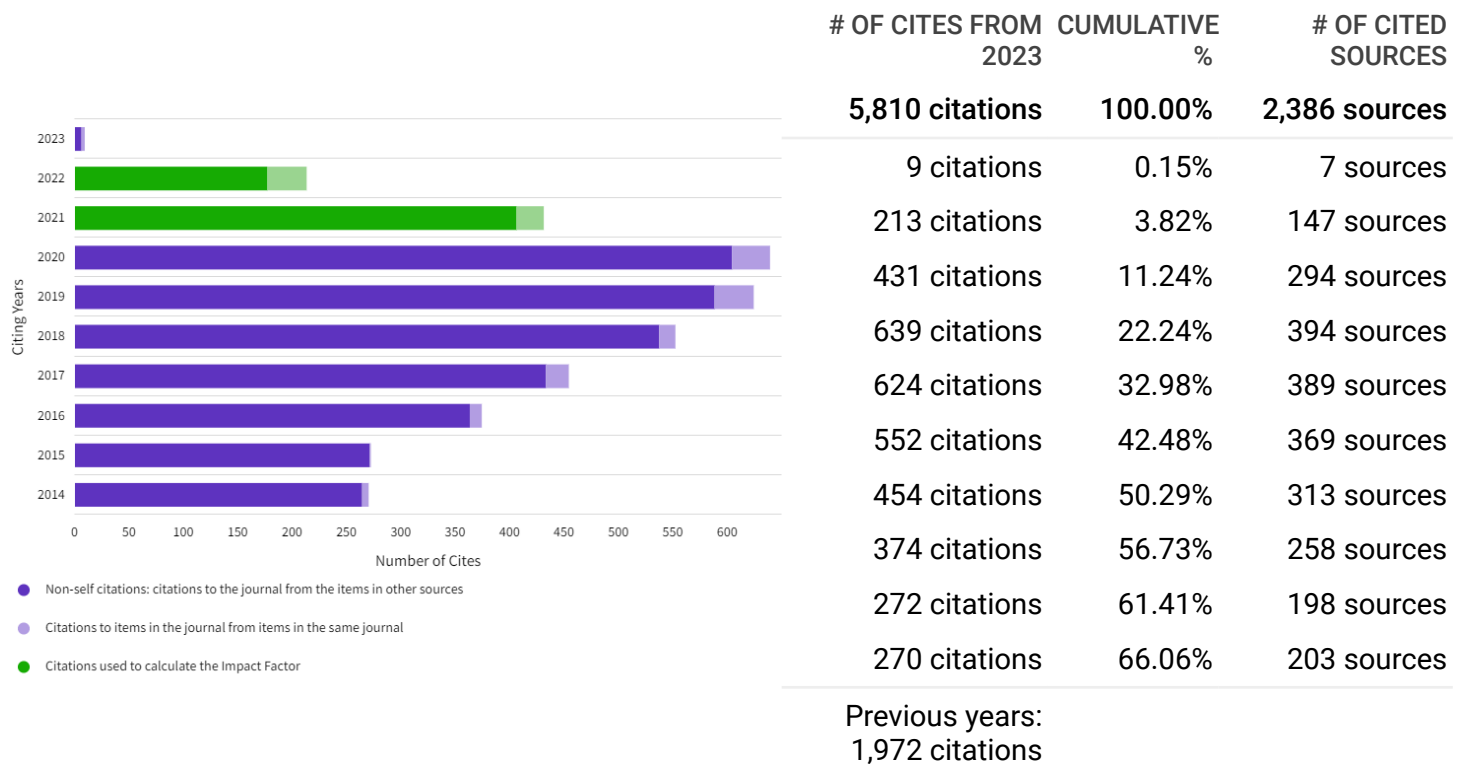
5,810

NON-SELF CITATIONS

5,610

SELF CITATIONS

200



Cited titles in all years

Scientia Iranica

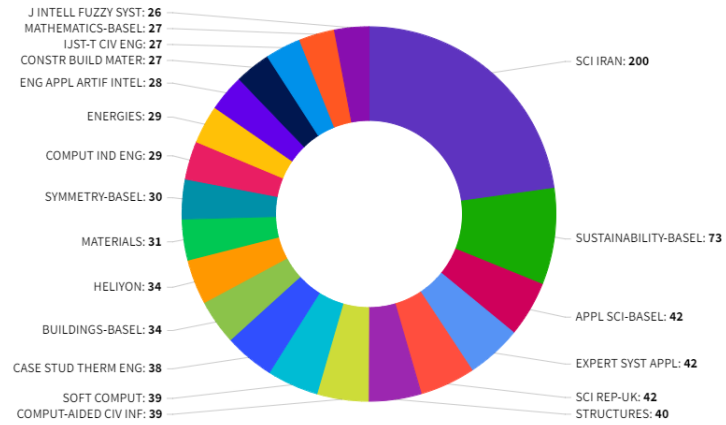
	SOURCE NAME	COUNT
	All Others	1,679
1	Scientia Iranica	200
2	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH	107
3	Computers & Industrial Engineering	66
4	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	51
5	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	51
6	Energy	50
7	Journal of Cleaner Production	49
8	APPLIED ENERGY	45
9	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	44
10	IEEE Access	43
11	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	39
12	APPLIED SOFT COMPUTING	37
13	RELIABILITY ENGINEERING & SYSTEM SAFETY	37
14	EXPERT SYSTEMS WITH APPLICATIONS	35
15	COMPUTERS & OPERATIONS RESEARCH	34
16	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	32
17	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	29
18	ENERGY CONVERSION AND MANAGEMENT	28
19	OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE	27
20	APPLIED MATHEMATICAL MODELLING	26

Showing 1 - 20 rows of 578 total (use export in the relevant section to download the full table)

Journal Citation Relationships

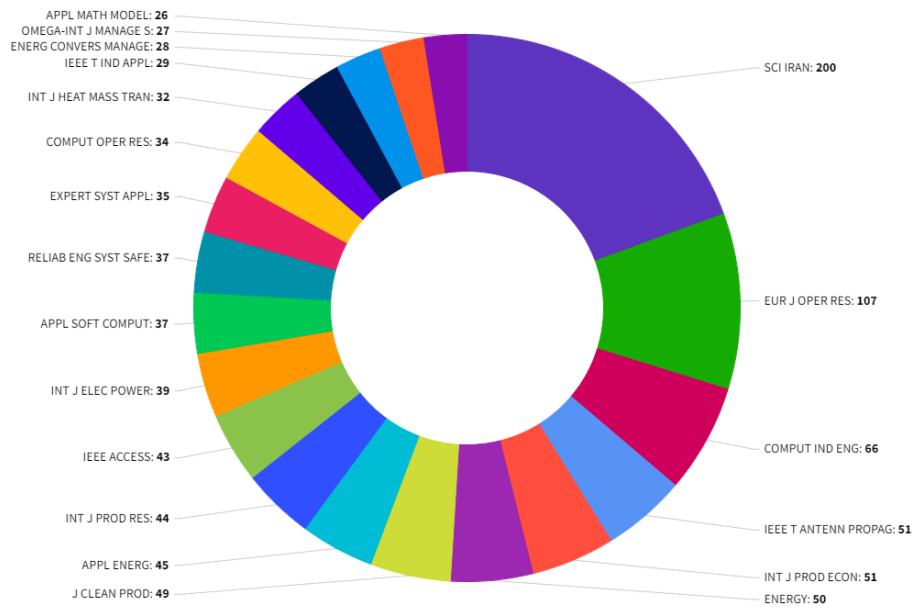
Cited Data

Top 20 journals citing SCI IRAN by number of citations



Citing Data

Top 20 journals cited by SCI IRAN 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](#)

150 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2023 (A)	150	0	150	0	100%
NUMBER OF REFERENCES (B)	5,810	0	5,810	0	100%
RATIO (B/A)	38.7	N/A	38.7	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

55.6

ENGINEERING, MULTIDISCIPLINARY

55.6

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	ISLAMIC AZAD UNIVERSITY	90	
2	SHARIF UNIVERSITY OF TECHNOLOGY	59	
3	IRAN UNIVERSITY SCIENCE & TECHNOLOGY	44	
4	AMIRKABIR UNIVERSITY OF TECHNOLOGY	39	
5	UNIVERSITY OF TEHRAN	36	
6	K. N. TOOSI UNIVERSITY OF TECHNOLOGY	21	
7	SHAHID BEHESHTI UNIVERSITY	19	
-	TARBIAT MODARES UNIVERSITY	19	

Showing 1 - 8 rows of 487 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	440	
2	India	75	
3	Pakistan	52	
4	CHINA MAINLAND	45	
5	Turkey	28	
6	Saudi Arabia	25	
7	USA	15	
8	Turkiye	9	

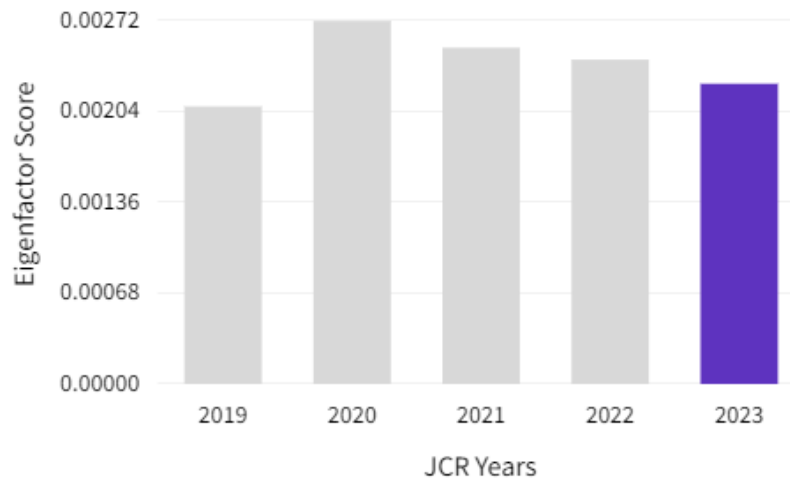
Showing 1 - 8 rows of 50 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00225

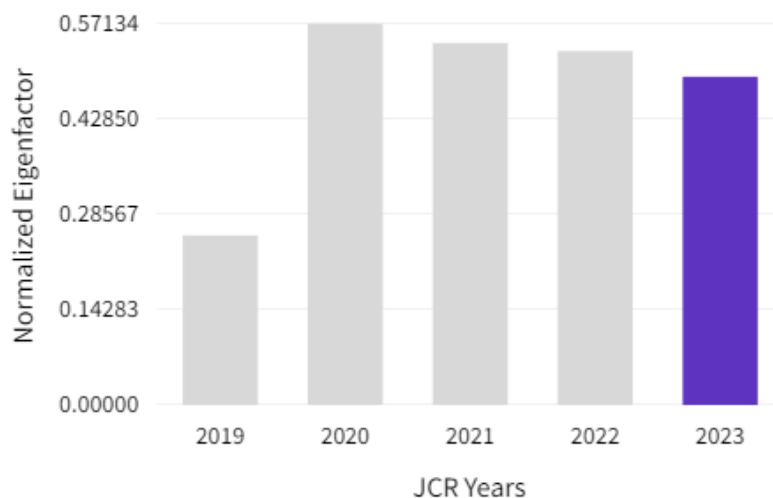
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.49193

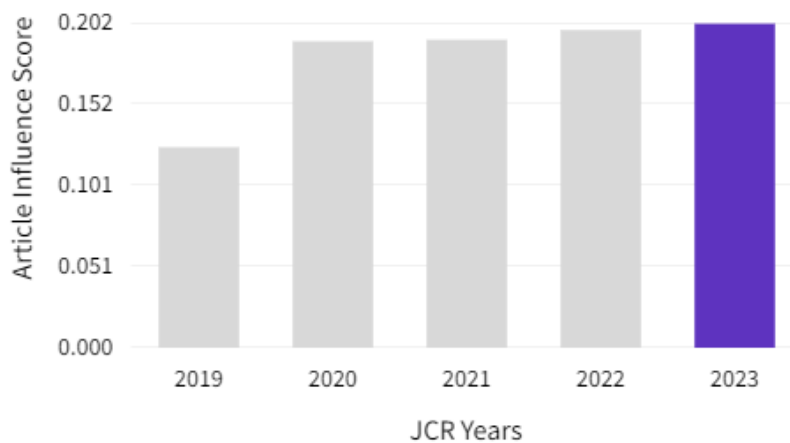
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

0.202

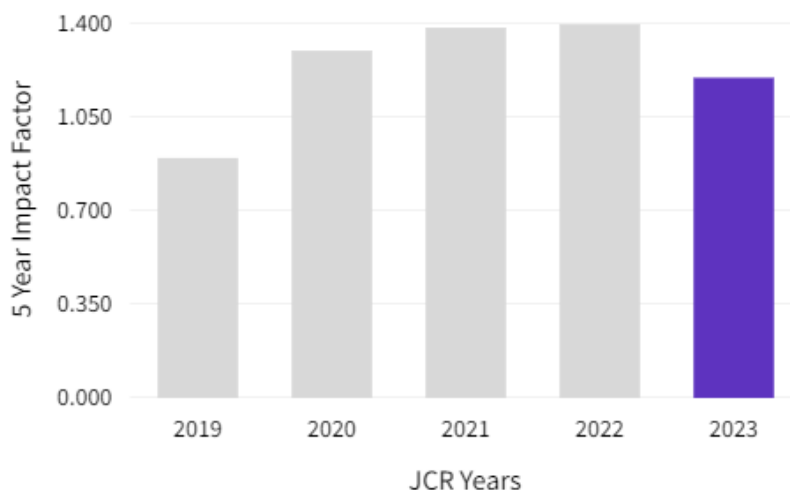
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.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

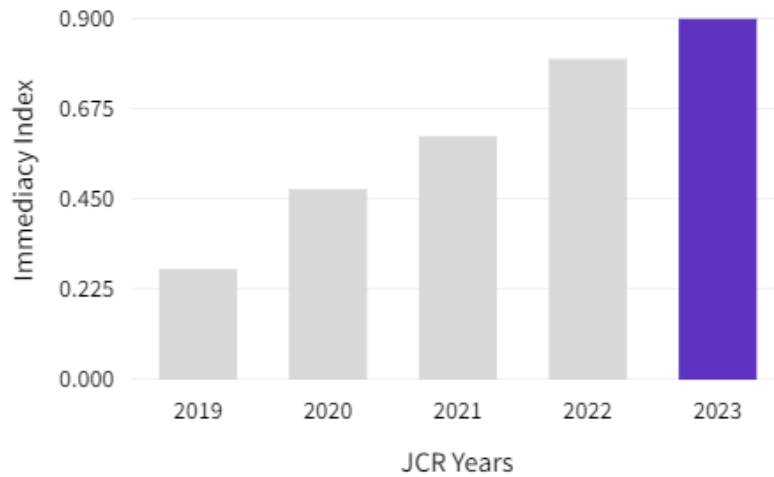
Citations in 2023 to items published in [2018-2022] (1,657)		1,657		
<hr/>				
Number of citable items in [2018-2022] (1,342)	=	1,342	=	1.2

Immediacy Index

0.9

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

$$\frac{\text{Cites in 2023 to items published in [2023]}}{\text{Number of items published in [2023]}} = \frac{138}{150} = 0.9$$