2024 Journal Performance Data for: International Journal of Engineering

ISSN
1025-2495

EISSN
1735-9244

JCR ABBREVIATION
INT J ENG-IRAN

ISO ABBREVIATION
Int. J. Eng.

Journal Information

EDITION
Emerging Sources Citation Index (ESCI)

CATEGORY
ENGINEERING, MULTIDISCIPLINARY

LANGUAGES
English

REGION
IRAN

1ST ELECTRONIC JCR YEAR
2020

Publisher Information

PUBLISHER
MATERIALS & ENERGY RESEARCH CENTER-MERC

ADDRESS
16, AHURAMAZDA ST, ALVAND AVE, TEHRAN 15169, IRAN

PUBLICATION FREQUENCY
12 issues/year

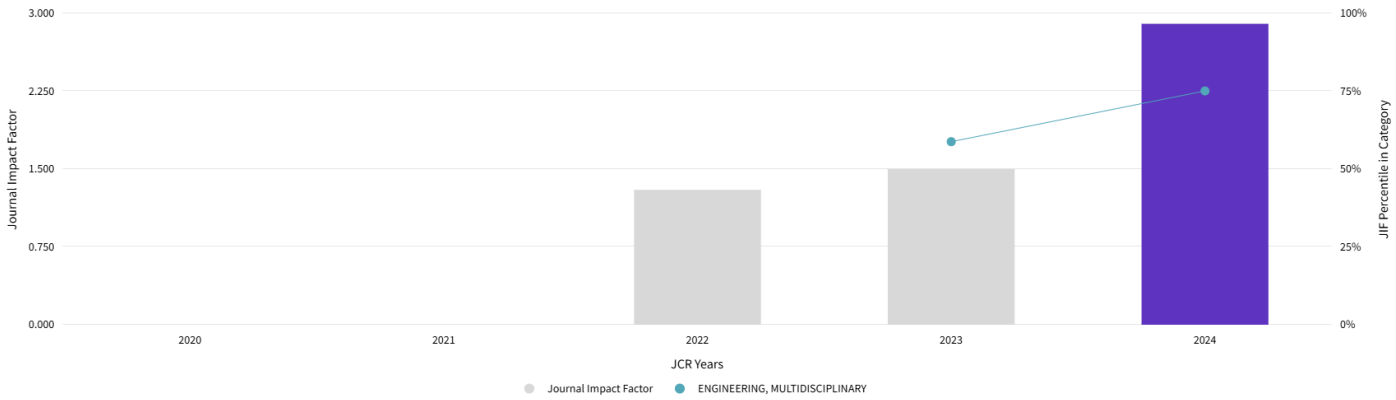
Journal's Performance

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

2024 JOURNAL IMPACT FACTOR	2024 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS
2.9	1.8

Journal Impact Factor Trend 2024



Journal Impact Factor is calculated using the following metrics

Citations in 2024 to items published in 2022 (**382**) - 2023 (**581**)	=	**963**	=	**2.9**
Number of citable items in 2022 (**158**) + 2023 (**173**)		**331**		

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

Citations in 2024 to items published in 2022 (**382**) + 2023 (**581**) - Self Citations in 2024 to items published in 2022 (**141**) + 2023 (**222**)	=	**963 - 363**	=	**1.8**
Number of citable items in 2022 (**158**) + 2023 (**173**)		**331**		

Journal Impact Factor Contributing Items

Citable Items (331)

TITLE	CITATION COUNT
1. Ozturk, B. and Coskun, S. B., Analytical Solution for Free Vibration Analysis of Beam on Elastic Foundation with Different Support Conditions, Mathematical Problems in Engineering, Vol. 2013, (2013), doi: 10.1155/2013/470927 2. Ozturk, B., Free Vibration Analysis of Beam on Elastic Foundation by the Variational Iteration Method, International Journal of Nonlinear Sciences and Numerical Simulation, Vol. 10, No. 10, (2009), 1255-1262. doi: 10.1515/IJNSNS.2009.10.10.1255 3. Ozturk, B. and Coskun, S. B., The Homotopy Perturbation Method for free vibration analysis of beam on elastic foundation, Structural Engineering and Mechanics, Vol. 37, No. 4, (2011) 415-425. doi: 10.12989/sem.2011.37.4.415 4. Fan, W., Qiao, P., Vibration-based damage identification methods: a review and comparative study. Structural Health Monitoring, Vol. 10, No. 1, (2011), 83-111. doi: 10.1177/1475921710365419 5. Jayasundara, N., Thambiratnam, D., Chan, T., Nguyen, A., Vibration-based dual-criteria approach for damage detection in arch bridges. Structural Health Monitoring Vol. 18, (2019). doi: 10.1177/1475921718810011 6. Weijtjens, W., Verbelen, T., Capello, E., Devriendt, C., Vibration based structural health monitoring of the substructures Authors: Patel, B.;Dewangan, B. U. K. Volume: 36 Accession number: WOS:001035467000011 Document Type: Article	140
Mechanical Properties and Wear Behaviour of Stir Cast Aluminum Metal Matrix Composite: A Review Authors: Kumar, D.;Angra, S.;Singh, S. Volume: 35 Accession number: WOS:001089332300001 Document Type: Review	14
Development of Steel Yielding Seismic Dampers Used to Improve Seismic Performance of Structures: A Comprehensive Review Authors: Behnamfar, F.;Almohammad-albakkar, M. Volume: 36 Accession number: WOS:001030646400013 Document Type: Review	13
Standards for Selection of Surfactant Compositions used in Completion and Stimulation Fluids Authors: Petrakov, D. G.;Loseva, A., V;Alikhanov, N. T.;Jafarpour, H. Volume: 36 Accession number: WOS:001031053500003 Document Type: Article	12
Thermal Analysis of Fluid Flow with Heat Generation for Different Logarithmic Surfaces Authors: Jalili, B.;Mousavi, A.;Jalili, P.;Shateri, A.;Ganji, D. D.	11

TITLE	CITATION COUNT
Volume: 35 Accession number: WOS:000843897900002 Document Type: Article	

Showing 1-5 rows of 331 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (397)

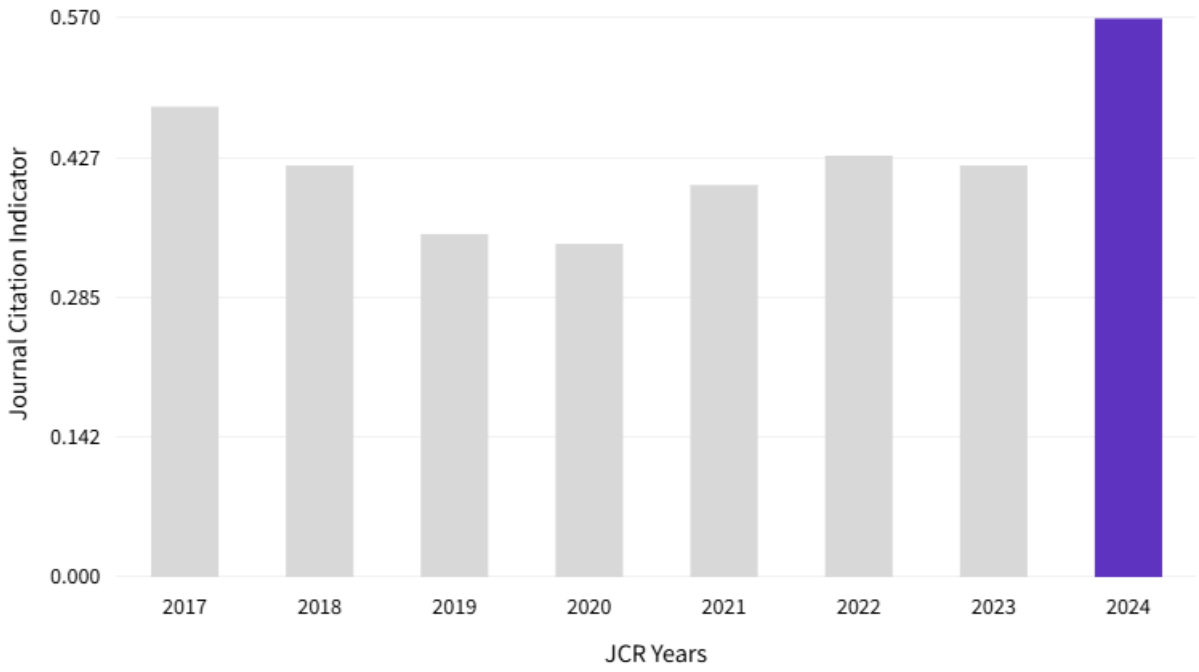
SOURCE NAME	COUNT
INTERNATIONAL JOURNAL OF ENGINEERING	363
IEEE ACCESS	21
SCIENTIFIC REPORTS	10
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	9
CASE STUDIES IN THERMAL ENGINEERING	8
CIVIL ENGINEERING JOURNAL-TEHRAN	7
HELIYON	7
RESULTS IN ENGINEERING	7
STRUCTURES	7
2024 SECOND INTERNATIONAL CONFERENCE ON INTELLIGENT CYBER PHYSICAL SYSTEMS AND INTERNET OF THINGS, ICOICI 2024	6
ENERGIES	6
ENGINEERING RESEARCH EXPRESS	5
GLOBAL NEST JOURNAL	5
INTERNATIONAL JOURNAL OF GEOMATE	5
JOURNAL OF APPLIED SCIENCE AND ENGINEERING	5
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH	5
TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	5
ADVANCES IN CIVIL ENGINEERING	4
APPLIED SOFT COMPUTING	4
CONSTRUCTION AND BUILDING MATERIALS	4

Showing 1-20 rows of 397 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.57

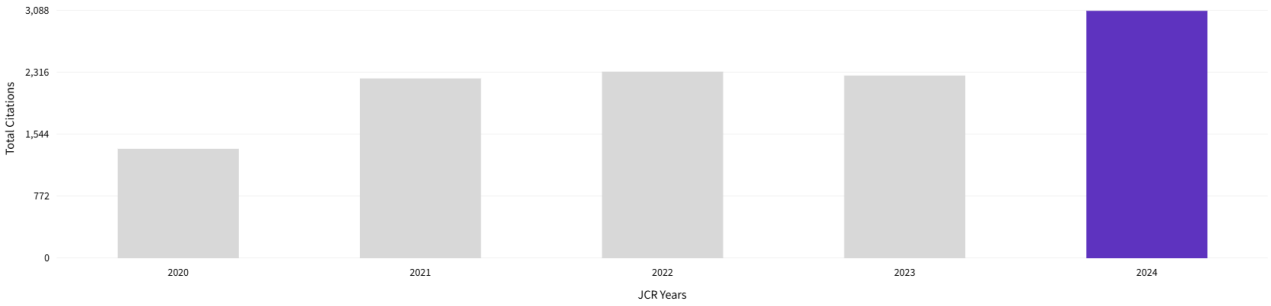
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

3,088

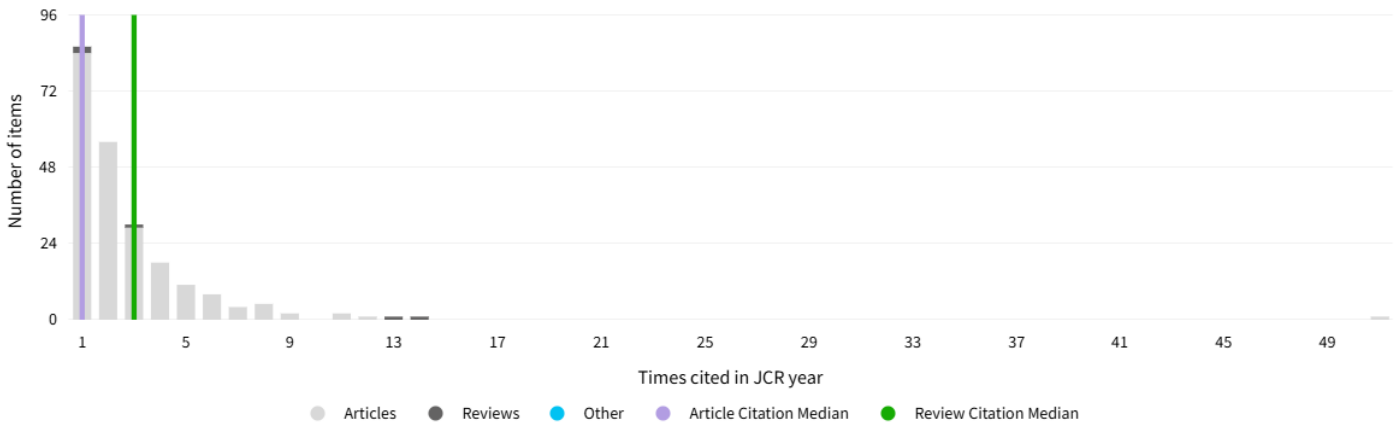
The total number of times that a journal has been cited by all journals included in the database in the JCR year. Citations to journals listed in JCR are compiled annually from the JCR years combined database, regardless of which JCR edition lists the journal.



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	REVIEW CITATION MEDIAN	UNLINKED CITATIONS
1	3	213



0 times cited

ARTICLES	REVIEWS	OTHER
105	0	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
550

% OF CITABLE OA
98.18%

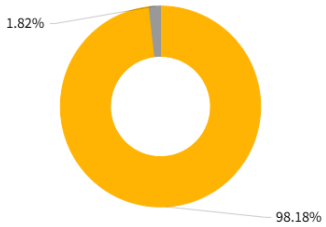
CITABLE

GOLD OPEN ACCESS
540 / 98.18%

SUBSCRIPTION OR BRONZE
10 / 1.82%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)
0 / 0.00%



Citations*

TOTAL CITABLE
920

% OF CITABLE OA
99.35%

CITABLE

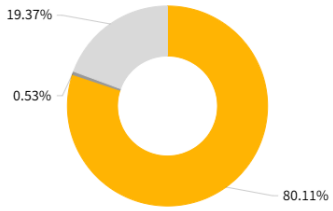
GOLD OPEN ACCESS
914 / 80.11%

SUBSCRIPTION OR BRONZE
6 / 0.53%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)
0 / 0.00%

UNLINKED CITATIONS
221 / 19.37%



* Citations in 2024 to items published in (2022-2024)

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

44/175

JCR YEAR	JIF RANK	QUARTILE	JIF PERCENTILE
2024	44/175	Q2	75.1
2023	75/181	Q2	58.8

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

61/175

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE
2024	61/175	Q2	65.43
2023	85/182	Q2	53.57
2022	84/178	Q2	53.09
2021	86/175	Q2	51.14
2020	92/170	Q3	46.18
2019	93/169	Q3	45.27
2018	78/168	Q2	53.87
2017	72/168	Q2	57.44

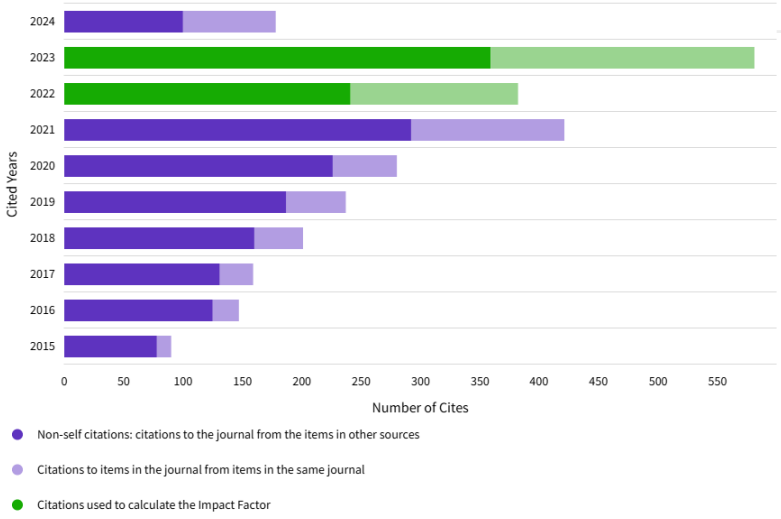
Citation network

Cited Half-life

3.9 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	NON-SELF CITATIONS	SELF CITATIONS
3,088	2,275	813



# OF CITES FROM 2024	CUMULATIVE %	# OF CITING SOURCES
3,088 citations	**100.00%**	**1,081 sources**
178 citations	5.76%	82 sources
581 citations	24.58%	264 sources
382 citations	36.95%	177 sources
421 citations	50.58%	226 sources
280 citations	59.65%	192 sources
237 citations	67.33%	145 sources
201 citations	73.83%	144 sources
159 citations	78.98%	113 sources
147 citations	83.74%	108 sources
90 citations	86.66%	70 sources
Previous years: 412 citations		

Citing titles in all years

International Journal of Engineering

	SOURCE NAME	COUNT
	All Others	693
1	International Journal of Engineering	813
2	Scientific Reports	51
3	IEEE Access	43
4	Heliyon	24
5	Case Studies in Thermal Engineering	20
6	Structures	20
7	Energies	19
8	Civil Engineering Journal-Tehran	17
9	EXPERT SYSTEMS WITH APPLICATIONS	17
10	Results in Engineering	17
11	Construction and Building Materials	16
12	International Journal of Advanced Computer Science and Applications	16
13	Sustainability	15
14	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	14
15	Applied Sciences-Basel	13
16	PHYSICS OF FLUIDS	13
17	Buildings	12
18	Desalination and Water Treatment	12
19	Energy	12
20	International Journal of Interactive Design and Manufacturing - IJIDeM	12

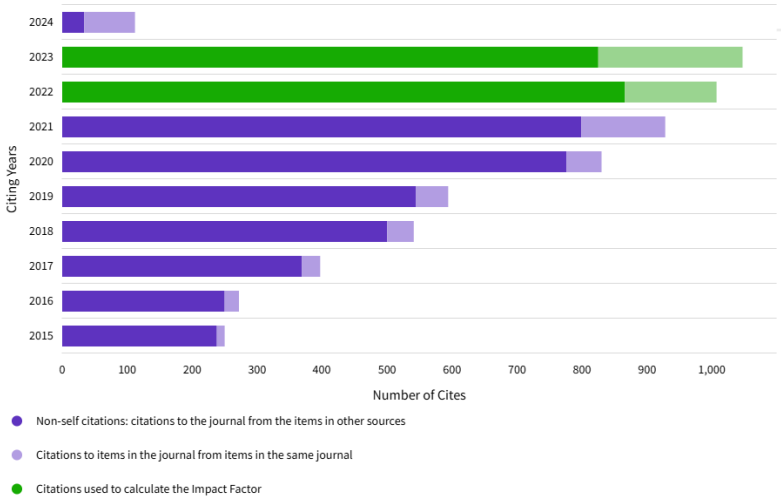
Showing 1 - 20 rows of 388 total (use export in the relevant section to download the full table)

Citing Half-life

5.2 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	NON-SELF CITATIONS	SELF CITATIONS
8,076	7,263	813



# OF CITES FROM 2024	CUMULATIVE %	# OF CITED SOURCES
8,076 citations	**100.00%**	**3,089 sources**
112 citations	1.39%	30 sources
1,047 citations	14.35%	428 sources
1,007 citations	26.82%	466 sources
928 citations	38.31%	493 sources
830 citations	48.59%	503 sources
594 citations	55.94%	393 sources
541 citations	62.64%	370 sources
397 citations	67.56%	271 sources
272 citations	70.93%	207 sources
250 citations	74.02%	194 sources
Previous years: 2,098 citations		

Cited titles in all years

International Journal of Engineering

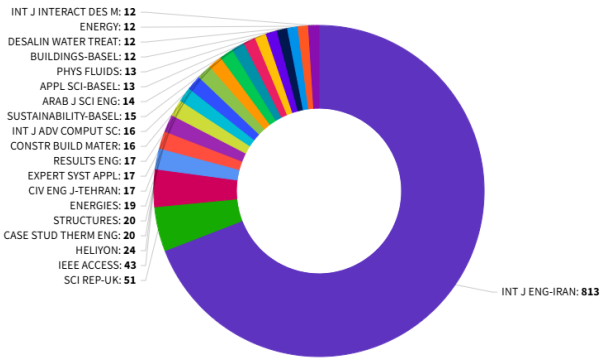
	SOURCE NAME	COUNT
	All Others	2,208
1	International Journal of Engineering	813
2	Energies	116
3	Journal of Mining Institute	102
4	Construction and Building Materials	99
5	Journal of Cleaner Production	82
6	Civil Engineering Journal-Tehran	63
7	EMERGING SCI J	63
8	Silicon	54
9	IEEE Access	53
10	Applied Sciences-Basel	45
11	Computers & Industrial Engineering	40
12	Sustainability	39
13	Energy	37
14	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH	37
15	ARXIV	36
16	HIGHTECH INNOVATION	34
17	Journal of Building Engineering	34
18	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	32
19	J PETROL SCI ENG	32
20	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	32

Showing 1 - 20 rows of 881 total (use export in the relevant section to download the full table)

Journal Citation Relationships

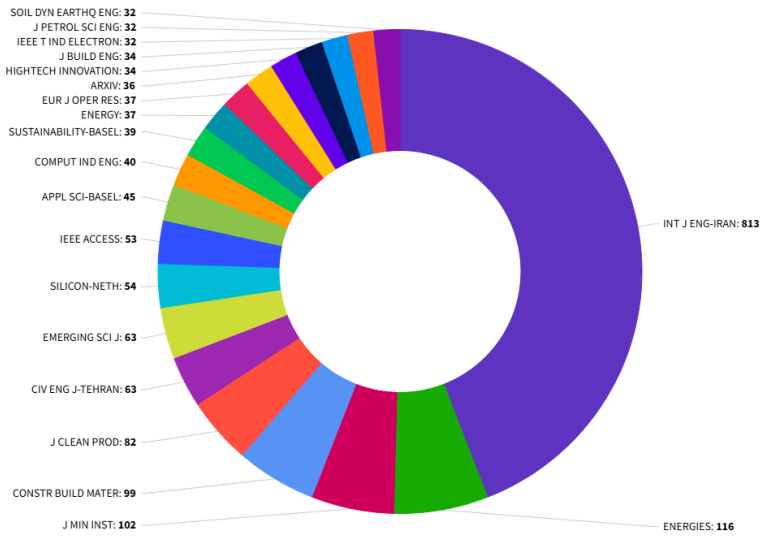
Cited Data

Top 20 journals citing INT J ENG-IRAN by number of citations



Citing Data

Top 20 journals cited by INT J ENG-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

219 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2024 (A)	219	0	219	0	100%
NUMBER OF REFERENCES (B)	8,076	0	8,076	0	100%
RATIO (B/A)	36.9	N/A	36.9	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

75.1

ENGINEERING, MULTIDISCIPLINARY

75.1

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	66
2	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	38
3	BABOL NOSHIRVANI UNIVERSITY OF TECHNOLOGY	37
4	UNIVERSITY OF TEHRAN	24
5	SAINT PETERSBURG MINING UNIVERSITY	18
6	UNIVERSITY OF TECHNOLOGY- IRAQ	15
7	K. N. TOOSI UNIVERSITY OF TECHNOLOGY	14
-	KONERU LAKSHMAIAH EDUCATION FOUNDATION (K L DEEMED TO BE UNIVERSITY)	14

Showing 1 - 8 rows of 362 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	289
2	INDIA	108
3	INDONESIA	41
4	RUSSIA	37
5	IRAQ	33
6	ALGERIA	13
7	CHINA MAINLAND	12
8	USA	9

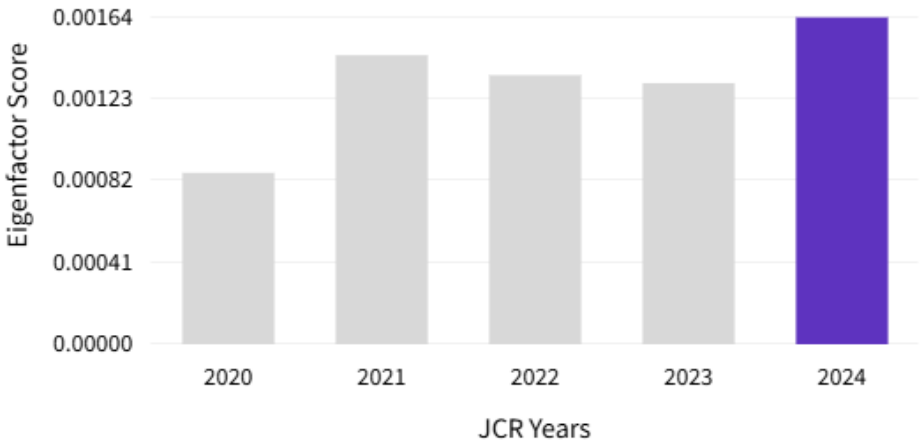
Showing 1 - 8 rows of 39 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00164

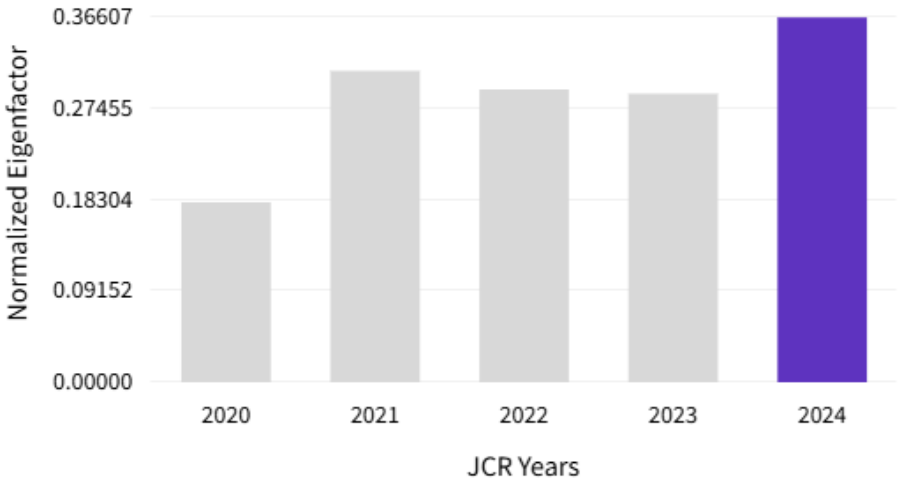
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.36607

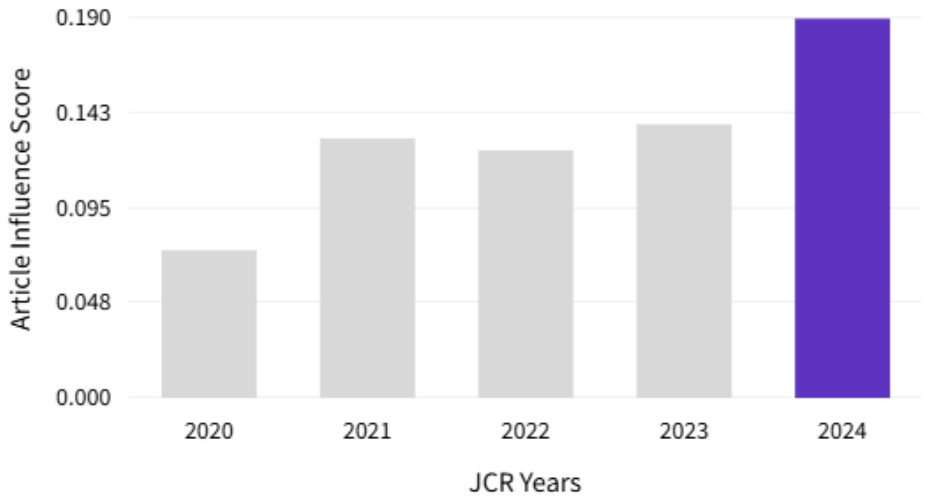
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. Learn more



Article influence score

0.190

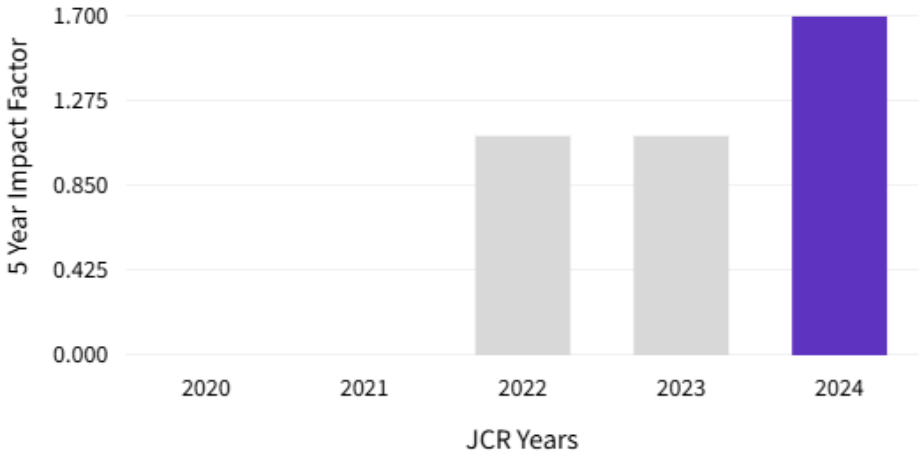
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.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



5 year Impact Factor

1.7

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.



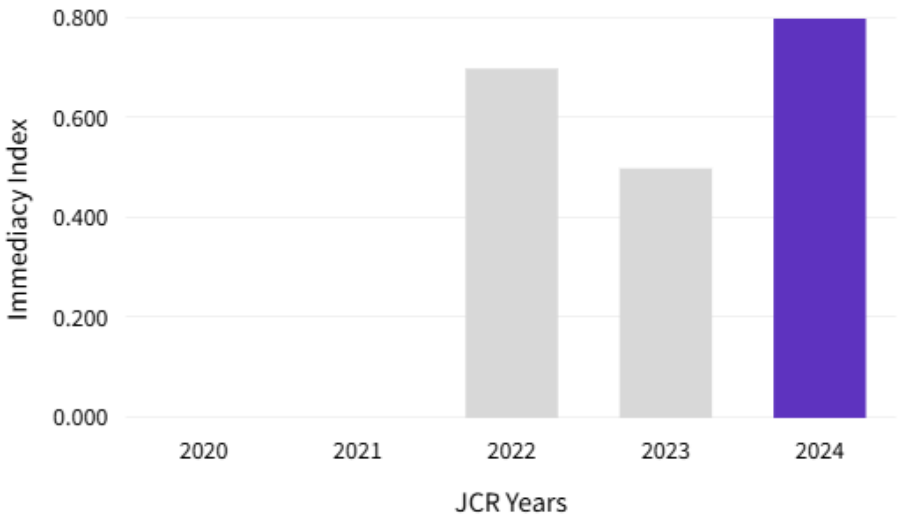
5 year Impact Factor calculation

$$\frac{\text{Citations in 2024 to items published in [2019-2023] (1,901)}}{\text{Number of citable items in [2019-2023] (1,093)}} = \frac{1{,}901}{1{,}093} = 1.7$$

Immediacy Index

0.8

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

$$\frac{\text{Cites in 2024 to items published in [2024]}}{\text{Number of citable items published in [2024]}} = \frac{178}{219} = 0.8$$

