


2020 Journal Performance Data for: International Journal of Aerospace Engineering

 Open Access since 2008

ISSN

1687-5966

EISSN

1687-5974

JCR ABBREVIATION

INT J AEROSPACE ENG

ISO ABBREVIATION

Int. J. Aerosp. Eng.

Journal Information

EDITION

Science Citation Index
Expanded (SCIE)

CATEGORY

ENGINEERING, AEROSPACE -
SCIE

LANGUAGES

English

REGION

USA

1ST ELECTRONIC JCR YEAR

2014

Publisher Information

PUBLISHER

HINDAWI LTD

ADDRESS

ADAM HOUSE, 3RD FLR, 1
FITZROY SQ, LONDON W1T
5HF, ENGLAND

PUBLICATION FREQUENCY

1 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.

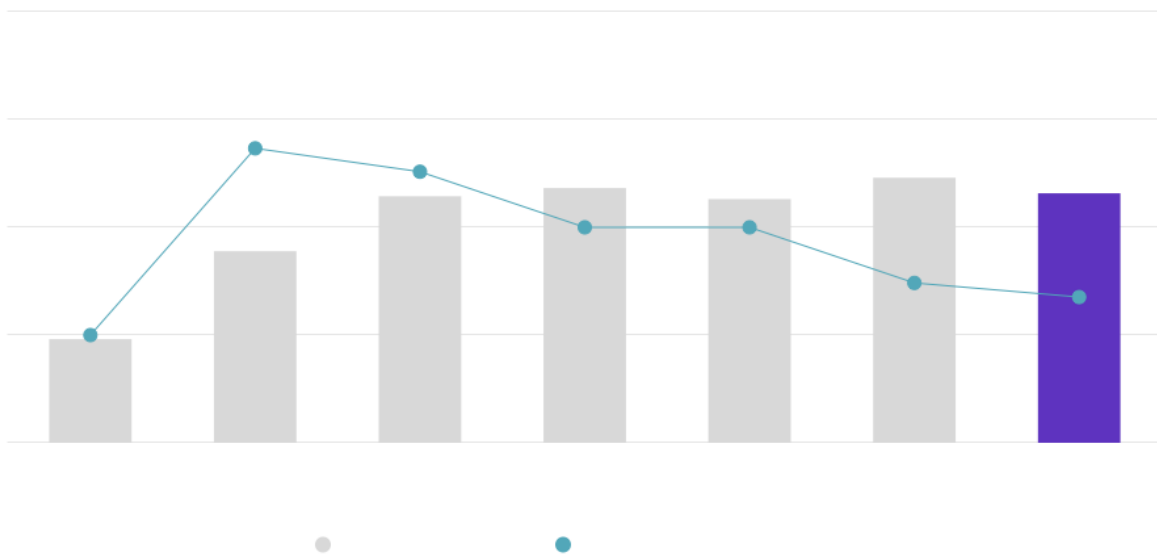
2020 JOURNAL IMPACT FACTOR

1.158

2020 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

0.975

Journal Impact Factor Trend 2020



Journal Impact Factor is calculated using the following metrics






$$\frac{\text{Citations in 2020 to items published in 2018 (185) - 2019 (188)}}{\text{Number of citable items in 2018 (141) + 2019 (181)}} = \frac{373}{322} = 1.158$$

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

$$\frac{\text{Citations in 2020 to items published in 2018 (185) + 2019 (188) - Self Citations in 2020 to items published in 2018 (20) + 2019 (39)}}{\text{Number of citable items in 2018 (141) + 2019 (181)}} = \frac{373 - 59}{322} = 0.975$$

Journal Impact Factor Contributing Items

Citable Items (322)

TITLE	CITATION COUNT
Global Fault-Tolerant Control of Underactuated Aerial Vehicles with Redundant Actuators Authors: Yu, Yushu;Dong, Yiqun Volume: 2019 Accession number: WOS:000459676500001 Document Type: Article	12 
Nonlinear Dynamics of the High-Speed Rotating Plate Authors: Yao, Minghui;Ma, Li;Zhang, Wei Volume: 2018 Accession number: WOS:000427240700001 Document Type: Article	10 
Towards the Thousandth CubeSat: A Statistical Overview Authors: Villela, Thyrso;Costa, Cesar A.;Brandao, Alessandra M.;Bueno, Fernando T.;Leonardi, Rodrigo Volume: 2019 Accession number: WOS:000470170600001 Document Type: Review	9 
Development of a Novel Launch System Microwave Rocket Powered by Millimeter-Wave Discharge Authors: Komurasaki, Kimiya;Tabata, Kuniyoshi Volume: 2018 Accession number: WOS:000455754200001 Document Type: Article	7 
Active Disturbance Rejection Control for Air-Breathing Hypersonic Vehicles Based on Prescribed Performance Function Authors: Xu, Chenyang;Lei, Humin;Lu, Na Volume: 2019 Accession number: WOS:000500989500001 Document Type: Article	6 

Showing 1-5 rows of 322 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (195)

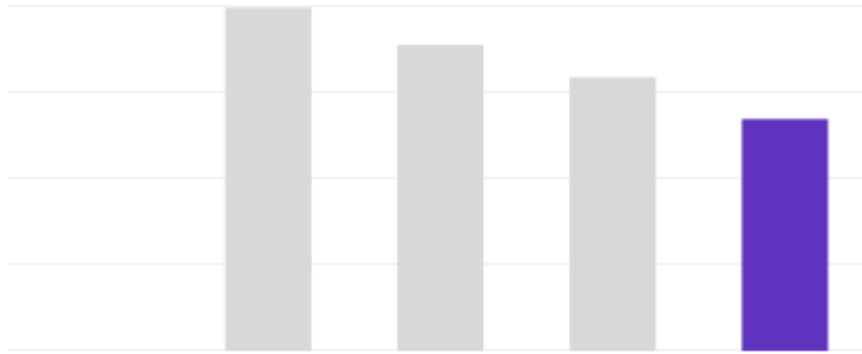
SOURCE NAME	COUNT
INTERNATIONAL JOURNAL OF AEROSPACE ENGINEERING	59
AEROSPACE SCIENCE AND TECHNOLOGY	19
IEEE ACCESS	14
APPLIED SCIENCES-BASEL	9
SENSORS	7
AEROSPACE	6
MATHEMATICAL PROBLEMS IN ENGINEERING	5
JOURNAL OF AIRCRAFT	4
PROGRESS IN AEROSPACE SCIENCES	4
ACTA ASTRONAUTICA	4
JOURNAL OF AEROSPACE ENGINEERING	4
ADVANCES IN MECHANICAL ENGINEERING	4
ENERGIES	4
JOURNAL OF THE KOREAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	4
AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY	3
OCEAN ENGINEERING	3
COMPLEXITY	3
INTERNATIONAL JOURNAL OF AERONAUTICAL AND SPACE SCIENCES	3
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	3
2020 IEEE 7TH INTERNATIONAL WORKSHOP ON METROLOGY FOR AEROSPACE (METROAEROSPACE)	3

Showing 1-20 rows of 195 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.50

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.



Total Citations

863

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.

ARTICLE CITATION MEDIAN

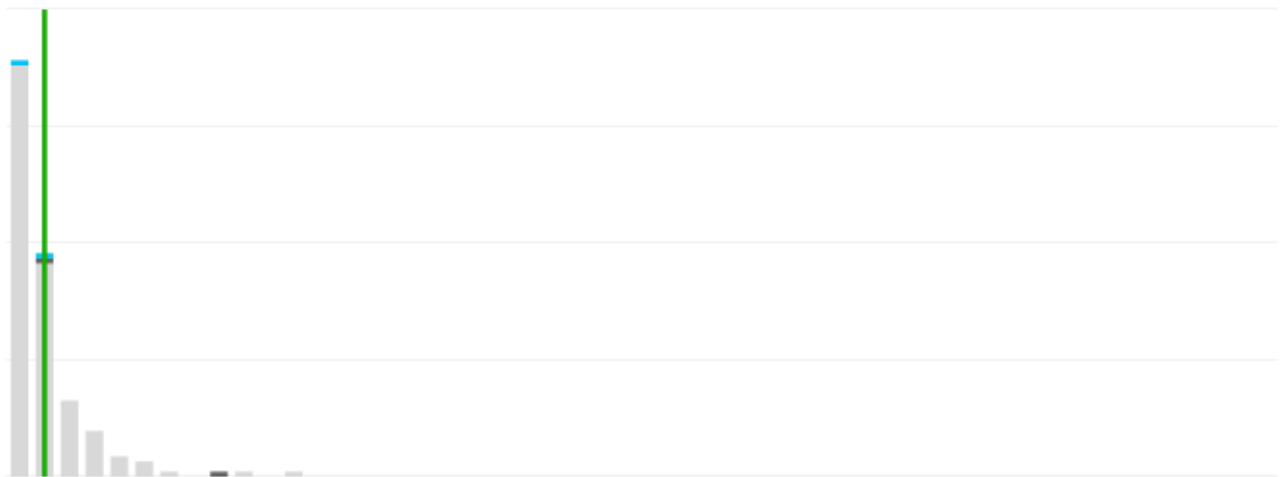
0

REVIEW CITATION MEDIAN

2

UNLINKED CITATIONS

46



0 times cited

ARTICLES

162

REVIEWS

1

OTHER

5

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. For example, in the 2020 JCR data, released in June 2021, the Open Access (OA) data show the publication model (Gold OA or subscription) of materials published in 2018, 2019 and 2020, and citations in 2020 to these items. This three-year set of published items is used to provide descriptive analysis of the content and community of the journal.

Items

TOTAL CITABLE

492

% OF CITABLE OA

96.54%

CITABLE

● GOLD OPEN ACCESS

475 / 94.81%

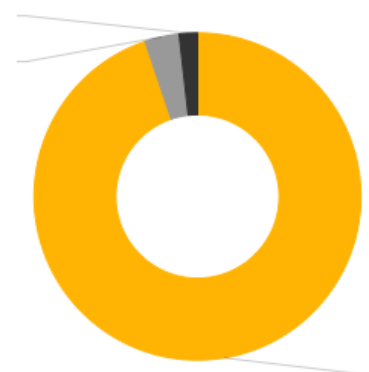
● SUBSCRIPTION OR BRONZE

17 / 3.39%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

9 / 1.80%



Citations*

TOTAL CITABLE

345

% OF CITABLE OA

98.84%

CITABLE

● GOLD OPEN ACCESS

341 / 86.33%

● SUBSCRIPTION OR BRONZE

4 / 1.01%

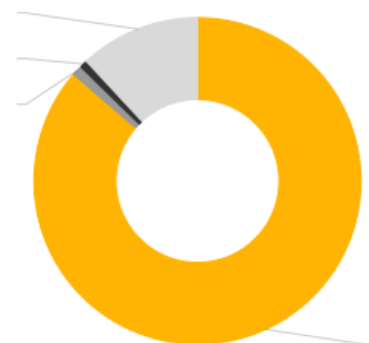
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

3 / 0.76%

● UNLINKED CITATIONS

47 / 11.90%



* Citations in 2020 to items published in (2018-2020)

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. Data for the most recent year is presented at the top of the list, with other years shown in reverse chronological order.





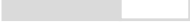


EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

ENGINEERING, AEROSPACE

23/34

JCR YEAR	JIF RANK	QUARTILE	JIF PERCENTILE	
2020	23/34	Q3	33.82	
2019	20/31	Q3	37.10	
2018	16/31	Q3	50.00	
2017	16/31	Q3	50.00	
2016	12/31	Q2	62.90	
2015	10/30	Q2	68.33	
2014	23/30	Q4	25.00	

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.

CATEGORY

ENGINEERING, AEROSPACE

25/48

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE	
2020	25/48	Q3	48.96	
2019	20/48	Q2	59.38	
2018	19/48	Q2	61.46	
2017	13/47	Q2	73.40	

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.

170 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2020 (A)	167	3	170	2	99%
NUMBER OF REFERENCES (B)	4,975	279	5,254	3	100%
RATIO (B/A)	29.8	93.0	30.9	1.5	

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.

ALL CATEGORIES AVERAGE

33.82

EDITION









Science Citation Index Expanded

ENGINEERING, AEROSPACE

33.82

Contributions by organizations









Organizations that have contributed the most papers to the journal in the most recent three-year period.

RANK	ORGANIZATION	COUNT	
1	NANJING UNIVERSITY OF AERONAUTICS & ASTRONAUTICS	57	
2	NATIONAL UNIVERSITY OF DEFENSE TECHNOLOGY - CHINA	43	
-	NORTHWESTERN POLYTECHNICAL UNIVERSITY	43	
4	BEIHANG UNIVERSITY	33	
5	BEIJING INSTITUTE OF TECHNOLOGY	25	
6	HARBIN INSTITUTE OF TECHNOLOGY	18	
7	AIR FORCE ENGINEERING UNIVERSITY	14	
8	CHINESE ACADEMY OF SCIENCES	10	

Showing 1 - 8 rows of 392 total (use export in the relevant section to download the full table)

Contributions by country/region

Organizations that have contributed the most papers to the journal in the most recent three-year period.

RANK	COUNTRY/REGION	COUNT	
1	CHINA MAINLAND	362	
2	South Korea	34	
3	USA	20	
4	Italy	17	
5	Spain	14	
6	England	7	
-	GERMANY (FED REP GER)	7	
8	Canada	6	

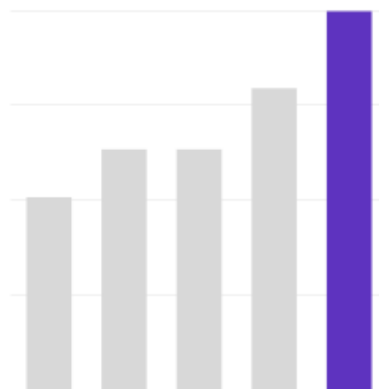
Showing 1 - 8 rows of 45 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00143

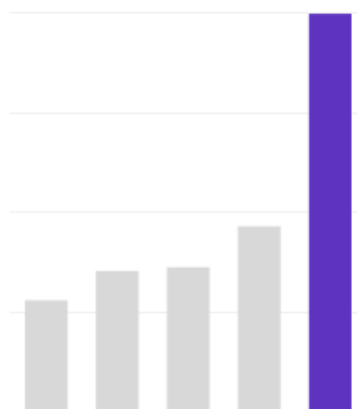
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.29990

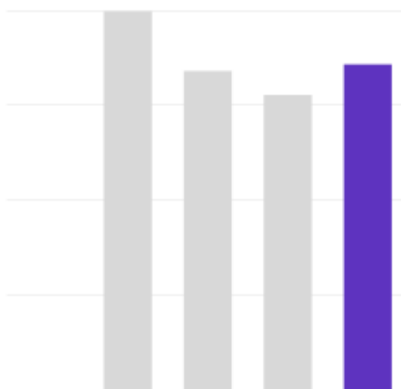
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1.



Article influence score

0.246

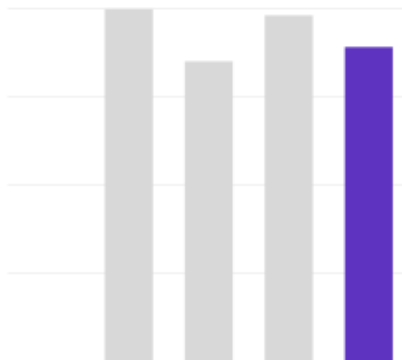
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.



5 year Impact Factor

1.186

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.



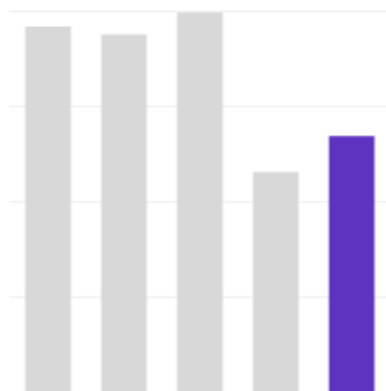
5 year Impact Factor calculation

Citations in 2020 to items published in [2015-2019] (670)	=	670	=	1.186
Number of citable items in [2015-2019] (565)		565		

Immediacy Index

0.129

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.



Immediacy Index calculation

Cites in 2020 to items published in 2020	22	
<hr/>		$22 / 170 = 0.129$
Number of items published in 2020	170	