

Home > Journal profile

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JCR YEAR

2022

IEEE Journal of Rad Frequency Identification

ISSN

N/A

EISSN

2469-7281

JCR ABBREVIATION

IEEE J RADIO FREQ ID

ISO ABBREVIATION

IEEE J. Radio Freq. Identif.

Journal information

EDITION

Emerging Sources Citation Index (ESCI)

CATEGORY

TELECOMMUNICATIONS - ESCI

ENGINEERING, ELECTRICAL & ELECTRONIC - ESCI

LANGUAGES

English

REGION

USA

1ST ELECTRONIC JCR YEAR

2020

Publisher information

PUBLISHER

IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC

ADDRESS

445 HOES LANE, PISCATAWAY, NJ 08855-4141

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](#)

2022 JOURNAL IMPACT FACTOR

3.1

[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

2.6

[View calculation](#)

Journal Impact Factor contributing items [Export](#)

Citable items (99)

Citing Sources (116)

TITLE

CITATION COUNT

15



Journal Impact Factor Trend 2022

Export



[View all years](#)

A Review of Radio Frequency Fingerprinting Techniques	46	▼
Internet of Things Empowered Smart Greenhouse Farming	20	▼
Particle Swarm Optimization in SAR-Based Method Enabling Real-Time 3D...	15	▼
A Real-Time Multi-Antenna SAR-Based Method for 3D Localization of RFID Ta...	11	▼
Chipless RFID Readers for Frequency-Coded Tags: Time-Domain or...	9	▼
High Data Density Near-Field Chipless-RFID Tags With Synchronous Reading	9	▼
Robust RFID Localization in Multipath With Phase-Based Particle Filtering a...	9	▼
A Review on the History and Current Literature of Metamaterials and Its...	8	▼
Trajectory Planning of a Moving Robot Empowers 3D Localization of RFID Ta...	8	▼
Range and Bearing Estimation of an UHF-RFID Tag Using the Phase of the...	7	▼

[View All in Web of Science](#)

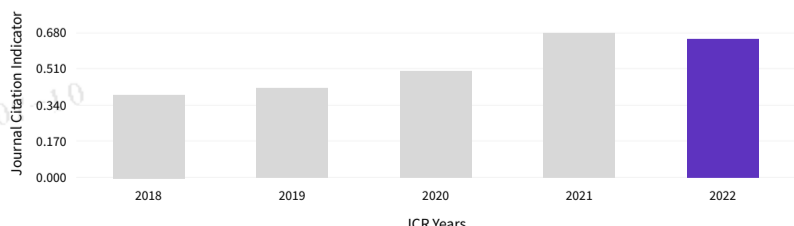
Journal Citation Indicator (JCI)

Export

0.65

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](#)

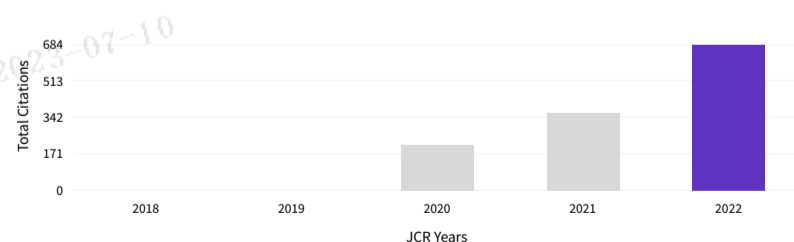


Total Citations

Export

684

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.



[View all years](#)



Citation distribution

Export

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

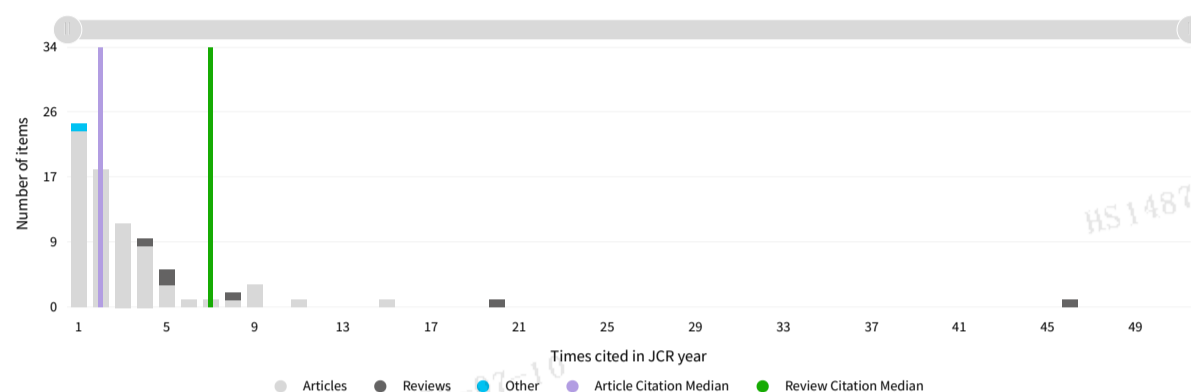
2

REVIEW CITATION MEDIAN

6.5

UNLINKED CITATIONS

6



TIMES CITED

0

ARTICLES

22

REVIEWS

0

OTHER

3

Open Access (OA)

Export

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 228
% OF CITABLE OA 4.82%

Citations*

TOTAL CITABLE 406
% OF CITABLE OA 4.19%

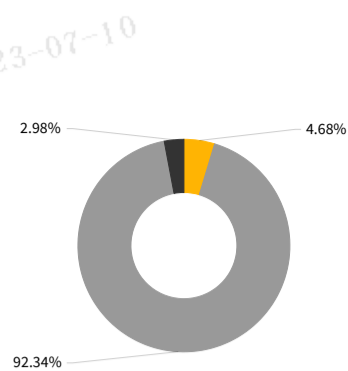


CITABLE

- GOLD OPEN ACCESS**
11 / 4.68%
- SUBSCRIPTION AND FREE TO READ**
217 / 92.34%

NON-CITABLE

- OTHER (NON CITABLE ITEMS)**
7 / 2.98%

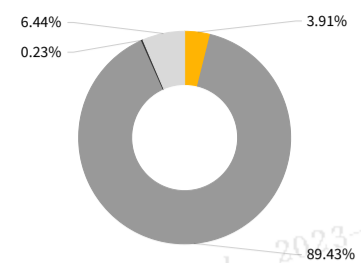


CITABLE

- GOLD OPEN ACCESS**
17 / 3.91%
- SUBSCRIPTION AND FREE TO READ**
389 / 89.43%

NON-CITABLE

- OTHER (NON CITABLE ITEMS)**
1 / 0.23%



- UNLINKED CITATIONS**
28 / 6.44%

*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. [Learn more](#)

CATEGORY

ENGINEERING, ELECTRICAL & ELECTRONIC

150/349

CATEGORY

TELECOMMUNICATIONS

62/116

JCR YEAR JCI RANK JCI QUARTILE JCI PERCENTILE

2022	150/349	Q2	57.16	
2021	147/344	Q2	57.41	
2020	176/319	Q3	44.98	
2019	196/318	Q3	38.52	
2018	209/312	Q3	33.17	
2017	N/A	N/A	N/A	

JCR YEAR JCI RANK JCI QUARTILE JCI PERCENTILE

2022	62/116	Q3	46.98	
2021	61/115	Q3	47.39	
2020	65/105	Q3	38.57	
2019	70/105	Q3	33.81	
2018	77/104	Q3	26.44	
2017	N/A	N/A	N/A	

Citation network

Cited Half-life

2.6 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

684

NON SELF-CITATIONS

563

SELF-CITATIONS

121

Cited Half-life Data

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

3,418

NON SELF-CITATIONS

3,297

SELF-CITATIONS

121

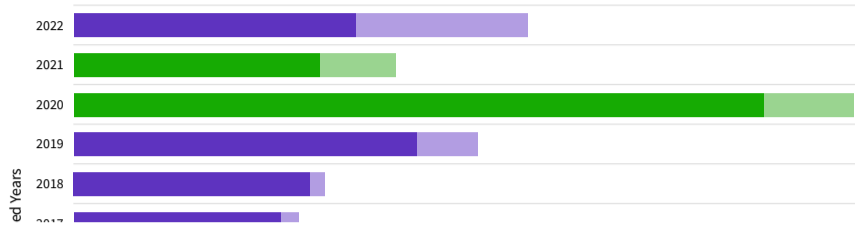
Citing Half-life Data

Export



CITED YEAR	# OF CITES FROM 2022	CUMULATIVE %	# OF CITING SOURCES
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All years	684 citations	100.00%	178 sources >
2022	127 citations	18.57%	45 sources >
2021	90 citations	31.73%	47 sources >
2020	218 citations	63.60%	94 sources >
2019	113 citations	80.12%	55 sources >
2018	70 citations	90.35%	45 sources >

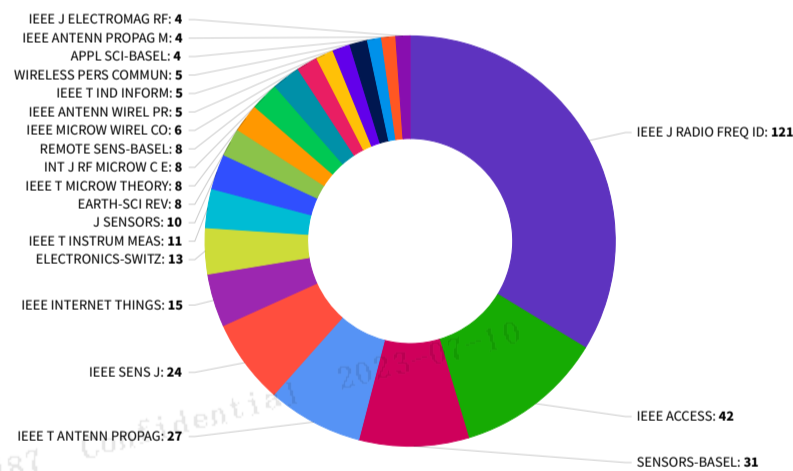


Journal Citation Relationships

Cited Data

Citing Data

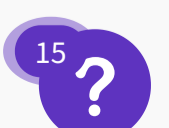
Top 20 journals citing IEEE J RADIO FREQ ID by number of citations



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](#)

129 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	128	1	129	3	98%
NUMBER OF REFERENCES (B)	3,298	86	3,384	34	99%
RATIO (B/A)	25.8	86.0	26.2	11.3	

Contributions by organizations

[Export](#)

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

RANK	ORGANIZATION	COUNT
1	CHINESE ACADEMY OF SCIENCES	23
2	UNIVERSITY OF ROME TOR VERGATA	13
3	UNIVERSITY SYSTEM OF GEORGIA	11
4	ARISTOTLE UNIVERSITY OF THESSALONIKI	10
5	UNIVERSITY OF PISA	8
6	QINGDAO ACAD	7

Contributions by country/region

[Export](#)

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	CHINA MAINLAND	71
2	USA	45
3	Italy	32
4	GERMANY (FED REP GER)	13
5	England	12
6	Greece	11
-	India	11
8	Canada	9

Additional metrics

Eigenfactor Score

0.00092



Normalized Eigenfactor

0.19816

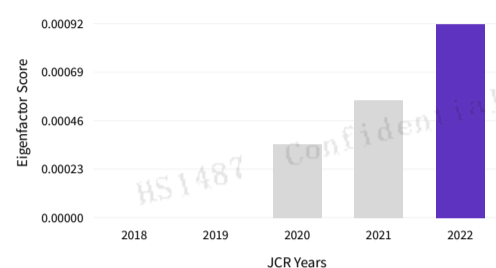


Article influence score

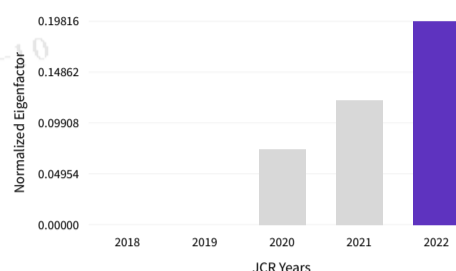
0.558



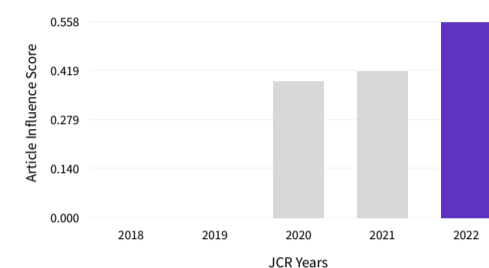
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



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](#)



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](#)

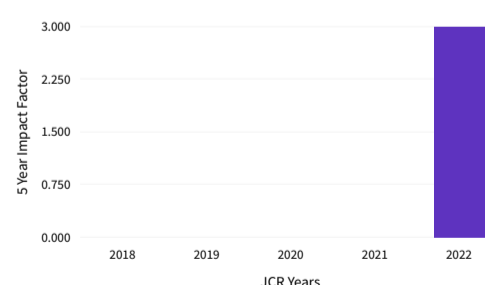


5 Year Impact Factor

3.0

[View Calculation](#)

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.



Immediacy Index

1.0

[View Calculation](#)

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](#)



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