

Lampiran Tambahan :

Print screen :

Jurnal Microwave and Optical Technology  
Letters

terindex Web of Science dengan

**Impact Factor 1.311**

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SCIMAGO dan Quartil nya

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JCR YEAR

2021

# MICROWAVE AND OPTICAL TECHNOLOGY LETTERS

ISSN  
0895-2477

EISSN  
1098-2760

JCR ABBREVIATION  
MICROW OPT TECHN LET

ISO ABBREVIATION  
Microw. Opt. Technol. Lett.

## Journal information

EDITION  
Science Citation Index Expanded (SCIE)

CATEGORY  
OPTICS - SCIE  
ENGINEERING, ELECTRICAL & ELECTRONIC - SCIE

LANGUAGES REGION 1ST ELECTRONIC JCR YEAR  
English USA 1997

## Publisher information

PUBLISHER ADDRESS PUBLICATION FREQUENCY  
WILEY 111 RIVER ST, HOBOKEN 07030-5774, NJ 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](#)

2021 JOURNAL IMPACT FACTOR

1.311

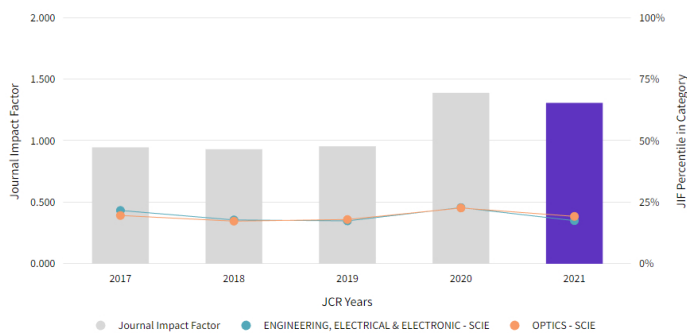
[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

1.175

[View calculation](#)

### Journal Impact Factor Trend 2021



[View all years](#)

### Journal Impact Factor contributing items

[Export](#)

Citable items (1,218)	Citing Sources (314)
TITLE	CITATION COUNT
Tri-core photonic crystal fiber based refractive index dual sensor for salinity and temperature detection	27
Tunable, reconfigurable, and programmable metamaterials	16
High energy LIDAR source for long distance, high resolution range imaging	15
Ultrawideband elliptical microstrip antenna for terahertz applications	15
High-isolation conjoined loop multi-input multi-output antennas for the fifth-generation tablet device	13
Dual band transparent antenna for wireless MIMO system applications	12
Stub loaded, low profile UWB antenna with independently controllable notch-bands	12
Wideband circular cavity-backed slot antenna with conical radiation patterns	11
A new class of wideband microstrip falcate patch antennas with reconfigurable capability at circular-polarization	10
Flexible CPW fed transparent antenna for WLAN and sub-6 GHz 5G applications	10

[View All in Web of Science](#)

### Journal Citation Indicator (JCI)

[Export](#)

0.38

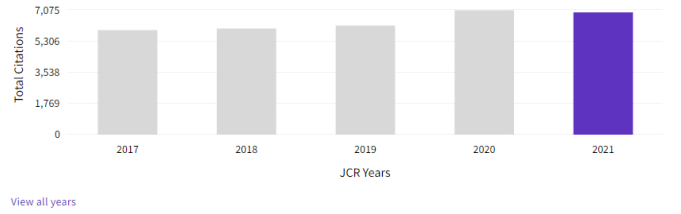
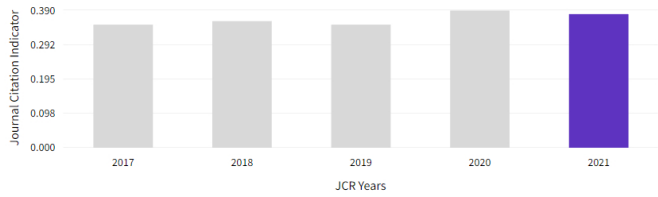
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (NCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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

### Total Citations

[Export](#)

6,957

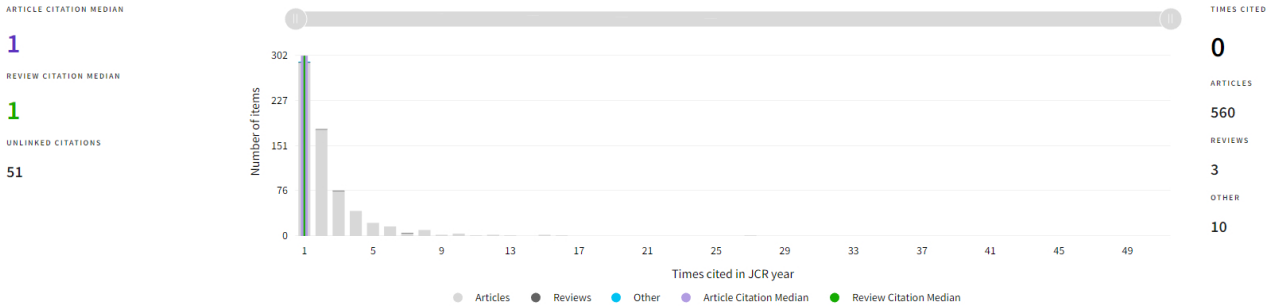
The total number of times that a journal has been cited by all journals included in the database in the JCR year. Citations to journals listed in JCR are compiled annually from the JCR years combined database, regardless of which JCR edition lists the journal.



## Citation distribution

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](#)



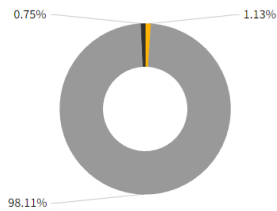
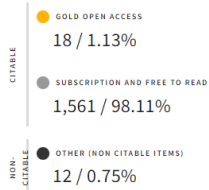
## Open Access (OA)

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. 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. [Learn more](#)

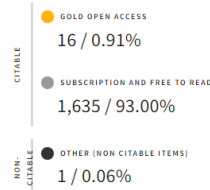
### Items

TOTAL CITABLE 1,579  
% OF CITABLE OA 1.14%



### Citations\*

TOTAL CITABLE 1,651  
% OF CITABLE OA 0.97%



\*Citations in 2021 to items published in [2019 - 2021]

## 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. [Learn more](#)

EDITION  
Science Citation Index Expanded (SCIE)

CATEGORY  
ENGINEERING, ELECTRICAL & ELECTRONIC  
228/276

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2021	228/276	Q4	17.57
2020	211/273	Q4	22.89
2019	220/266	Q4	17.48
2018	219/266	Q4	17.86
2017	204/260	Q4	21.73

EDITION  
Science Citation Index Expanded (SCIE)

CATEGORY  
OPTICS  
82/101

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2021	82/101	Q4	19.31
2020	77/99	Q4	22.73
2019	80/97	Q4	18.04
2018	79/95	Q4	17.37
2017	76/94	Q4	19.68

## Rank by Journal Citation Indicator (JCI) <sup>ⓘ</sup>

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  
**244/344**

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2021	244/344	Q3	29.22	
2020	215/319	Q3	32.76	
2019	221/318	Q3	30.66	
2018	213/312	Q3	31.89	
2017	216/306	Q3	29.58	

CATEGORY  
OPTICS  
**82/118**

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2021	82/118	Q3	30.93	
2020	78/115	Q3	32.61	
2019	81/114	Q3	29.39	
2018	78/108	Q3	28.24	
2017	79/106	Q3	25.94	

## Citation network

### Cited Half-life

**6.0 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

**6,957**

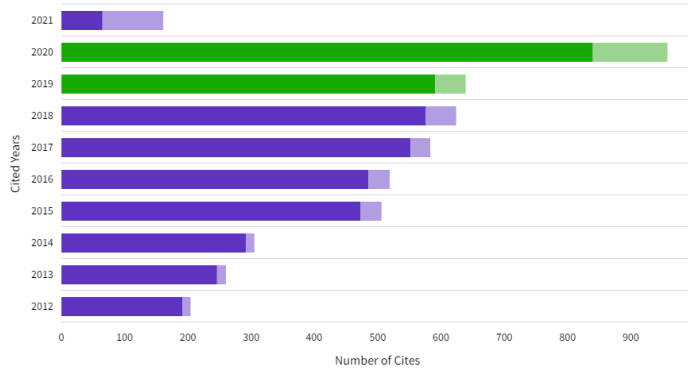
NON SELF-CITATIONS

**6,436**

SELF-CITATIONS

**521**

Cited Half-life Data



- Non-self citations: citations to the journal from the items in other sources
- Citations to items in the journal from items in the same journal
- Citations used to calculate the Impact Factor

### Citing Half-life

**5.9 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

**8,125**

NON SELF-CITATIONS

**7,604**

SELF-CITATIONS

**521**

Citing Half-life Data

Export

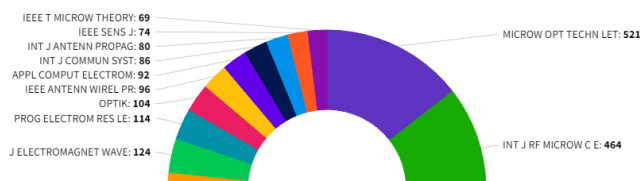
CITED YEAR	# OF CITES FROM 2021	CUMULATIVE %	# OF CITING SOURCES
<b>All years</b>	<b>6,957 citations</b>	<b>100.00%</b>	<b>694 sources</b>
2021	161 citations	2.31%	40 sources
2020	958 citations	16.08%	230 sources
2019	639 citations	25.27%	195 sources
2018	624 citations	34.24%	162 sources
2017	583 citations	42.62%	159 sources
2016	519 citations	50.08%	160 sources
2015	506 citations	57.35%	156 sources
2014	305 citations	61.74%	128 sources
2013	260 citations	65.47%	103 sources
2012	204 citations	68.41%	99 sources
Older	2,198 citations		

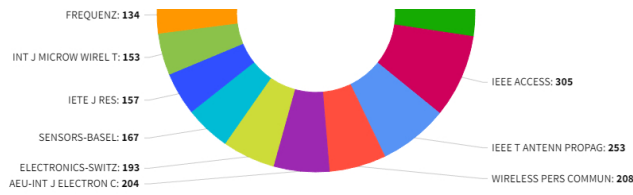
## Journal Citation Relationships

Cited Data

Citing Data

Top 20 journals citing MICROW OPT TECHN LET 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](#)

#### 361 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(D)	PERCENTAGE
NUMBER IN JCR YEAR 2021 (A)	347	14	361	1	100%
NUMBER OF REFERENCES (B)	7,006	1,119	8,125	0	100%
RATIO (B/A)	20.2	79.9	22.5	0.0	

### Average JIF Percentile

Export

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	18.44
EDITION	Science Citation Index Expanded
ENGINEERING, ELECTRICAL & ELECTRONIC	17.57
OPTICS	19.31

### 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	UNIVERSITY OF ELECTRONIC SCIENCE & TECHNOLOGY OF CHINA	77
2	XIDIAN UNIVERSITY	75
3	INDIAN INSTITUTE OF TECHNOLOGY SYSTEM (IIT SYSTEM)	56
4	SOUTHEAST UNIVERSITY - CHINA	44
5	CHINESE ACADEMY OF SCIENCES	43
6	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	39
7	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	36
8	BEIJING UNIVERSITY OF POSTS & TELECOMMUNICATIONS	26
-	NANJING UNIVERSITY OF POSTS & TELECOMMUNICATIONS	26
-	TIANJIN UNIVERSITY	26

### 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	707
2	India	246
3	South Korea	174
4	USA	82
5	Iran	59
6	Taiwan	55
7	Turkey	53
8	Malaysia	43
9	Pakistan	36
10	Canada	34

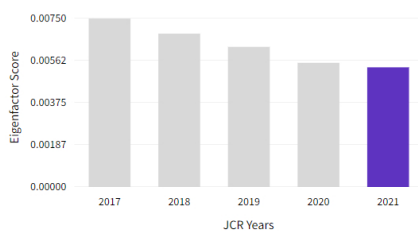
## Additional metrics

### Eigenfactor Score

Export

0.00533

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](#)

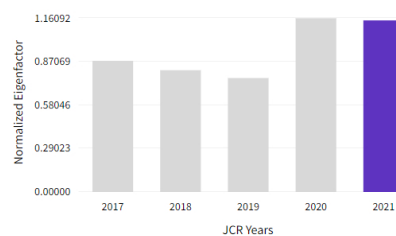


### Normalized Eigenfactor

Export

1.14627

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](#)

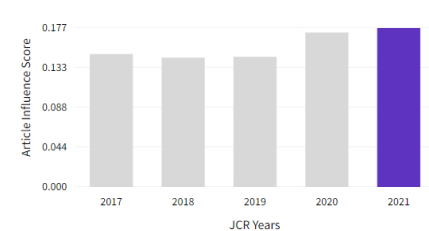


### Article influence score


Export

0.177

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](#)



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ScopusSearchSourcesSciVal?🔔🏠

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## Firmansyah, Teguh

[Universitas Sultan Ageng Tirtayasa, Serang, Indonesia](#) [54971241500](#) <https://orcid.org/0000-0002-9000-9337> [View more](#)

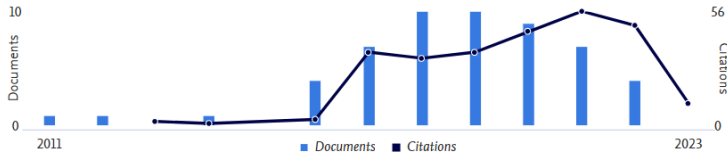
273 Citations by 218 documents

54 Documents

10 h-index [View h-graph](#)

[Set alert](#) [Save to list](#) [Edit profile](#) [More](#)

### Document & citation trends



Year	Documents	Citations
2011	1	0
2012	1	0
2013	0	0
2014	0	0
2015	0	0
2016	0	0
2017	4	1
2018	8	4
2019	10	4
2020	10	4
2021	9	10
2022	8	56
2023	4	10

[Analyze author output](#) [Citation overview](#)

### Most contributed Topics 2017–2021

- Stepped Impedance Resonator; Bandpass Filters; Compact  
10 documents
- Multiple-Input Multiple-Output (MIMO); Antenna; Antenna Arrays  
3 documents
- Radio over Fiber; Sidebands; Optics  
2 documents

[View all Topics](#)

Firmansyah, Teguh

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### 54 documents

[Export all](#) [Save all to list](#)

Sort by [Cited by \(highest\)](#)

[View list in search results format](#)

[View references](#)

[Set document alert](#)

Article

Dual-wideband band pass filter using folded cross-stub stepped impedance resonator

26 Citations

Firmansyah, T., Praptodino, S., Wiryadinata, R., ...Alaydrus, M., Wibisono, G. *Microwave and Optical Technology Letters*, 2017, 59(11), pp. 2929–2934

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