

Journals &gt; Journal profile

JCR YEAR

2022

Favorite Export

# Revista Brasileira de Engenharia Agrícola e Ambiental

Open Access since 2000

ISSN

1415-4366

EISSN

1807-1929

JCR ABBREVIATION

REV BRAS ENG AGR AMB

ISO ABBREVIATION

Rev. Bras. Eng. Agric. Ambient.

## Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

AGRICULTURAL ENGINEERING - SCIE

LANGUAGES

Multi-Language

REGION

BRAZIL

1ST ELECTRONIC JCR YEAR

2012

## Publisher information

PUBLISHER

UNIV FEDERAL CAMPINA GRANDE

ADDRESS

RUA APRIGIO VELOSO  
882, BODO CONGO,  
CAMPINA GRANDE PB  
58109 090, BRAZIL

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](#)

2022 JOURNAL IMPACT FACTOR

1.2

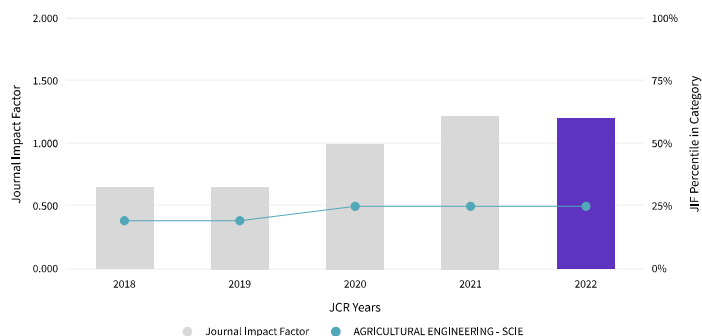
[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

1.0

[View calculation](#)

### Journal Impact Factor Trend 2022

[Export](#)[View all years](#)

### Journal Impact Factor contributing items

[Export](#)

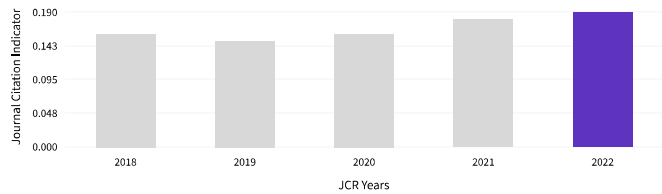
	Citable items (240)	Citing Sources (120)
TITLE	CITATION COUNT	
Development of mortar for laying and coating with pineapple fibers	26	
Growth and gas exchange of corn under salt stress and nitrogen doses	7	
Modeling and thermodynamic properties of the drying of tamarind ( <i>Tamarindus indica</i> L.) seeds	6	
Morphophysiological responses and mechanisms of salt tolerance in four ornamental perennial species under tropical climate	6	
Photosynthetic efficiency and production of <i>Annona squamosa</i> L. under salt stress and fertilization with NPK	6	
Convective drying kinetics of osmotically pretreated papaya cubes	5	
Physiology and production of cherry tomato cultivars in a hydroponic system using brackish water	5	
CFD simulation on centrifugal pump impeller with splitter blades	4	
Cherry tomato production and seed vigor under irrigation with saline effluent from fish farming	4	
Cover crop increases soybean yield cropped after degraded pasture in sandy soil	4	

## Journal Citation Indicator (JCI)

[Export](#)

### 0.19

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](#)

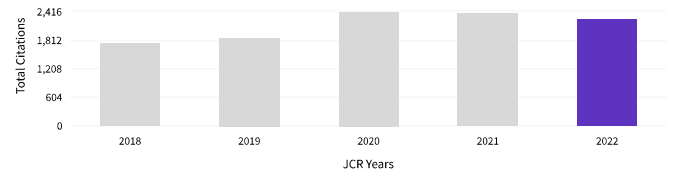


## Total Citations

[Export](#)

### 2,256

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

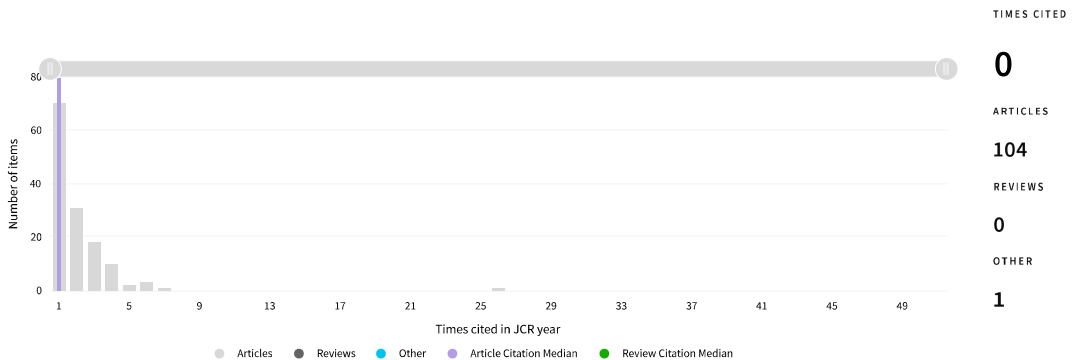
### 1

REVIEW CITATION MEDIAN

### N/A

UNLINKED CITATIONS

### 3



TIMES CITED

### 0

ARTICLES

### 104

REVIEWS

### 0

OTHER

### 1

Articles Reviews Other Article Citation Median Review Citation Median

## 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 369  
% OF CITABLE OA 97.29%

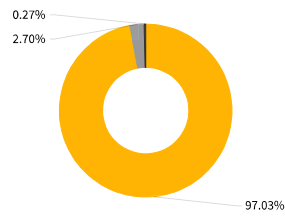
## Citations\*

TOTAL CITABLE 352  
% OF CITABLE OA 97.16%

GOLD OPEN ACCESS  
359 / 97.03%

SUBSCRIPTION AND FREE TO READ  
10 / 2.70%

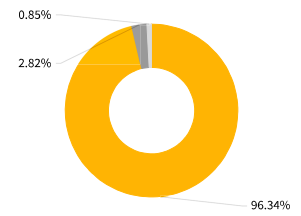
OTHER (NON CITABLE ITEMS)  
1 / 0.27%



GOLD OPEN ACCESS  
342 / 96.34%

SUBSCRIPTION AND FREE TO READ  
10 / 2.82%

OTHER (NON CITABLE ITEMS)  
0 / 0.00%



UNLINKED CITATIONS  
3 / 0.85%

\*Citations in 2022 to items published in [2020 - 2022]

## 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  
AGRICULTURAL ENGINEERING

11/14

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2022	11/14	Q4	25.0	<input type="text"/>
2021	11/14	Q4	25.00	<input type="text"/>
2020	11/14	Q4	25.00	<input type="text"/>
2019	11/13	Q4	19.23	<input type="text"/>
2018	11/13	Q4	19.23	<input type="text"/>

## 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  
AGRICULTURAL ENGINEERING

12/17

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2022	12/17	Q3	32.35	<input type="text"/>
2021	12/17	Q3	32.35	<input type="text"/>
2020	12/16	Q3	28.13	<input type="text"/>
2019	12/16	Q3	28.13	<input type="text"/>
2018	12/16	Q3	28.13	<input type="text"/>
2017	12/16	Q3	28.13	<input type="text"/>

# Citation network

## Cited Half-life

6.8 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

2,256

## Citing Half-life

6.2 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

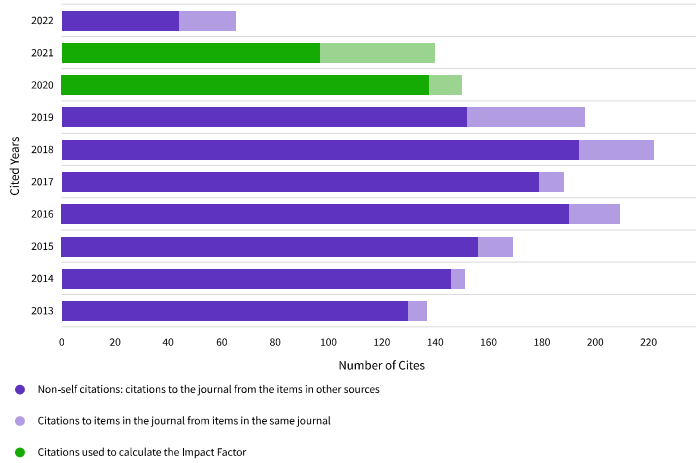
4,283

2,034

SELF-CITATIONS

222

## Cited Half-life Data



4,061

SELF-CITATIONS

222

## Citing Half-life Data

Export

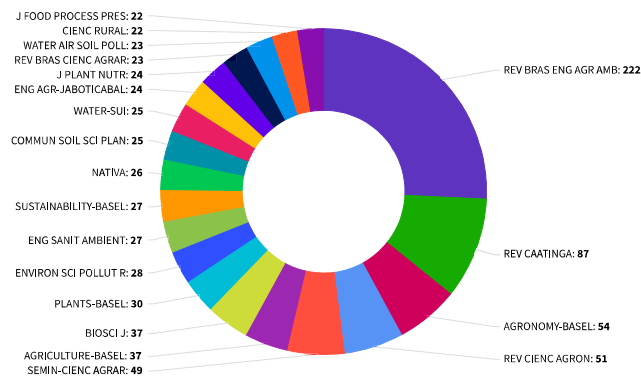
CITED YEAR	# OF CITES FROM 2022	CUMULATIVE %	# OF CITING SOURCES
<b>All years</b>	<b>2,256 citations</b>	<b>100.00%</b>	<b>501 sources &gt;</b>
2022	65 citations	2.88%	31 sources >
2021	140 citations	9.09%	60 sources >
2020	150 citations	15.74%	86 sources >
2019	196 citations	24.42%	107 sources >
2018	222 citations	34.26%	98 sources >
2017	188 citations	42.60%	110 sources >
2016	209 citations	51.86%	122 sources >
2015	169 citations	59.35%	108 sources >
2014	151 citations	66.05%	95 sources >
2013	137 citations	72.12%	84 sources >
Older	629 citations		

## Journal Citation Relationships

## Cited Data

## Citing Data

Top 20 journals citing REV BRAS ENG AGR AMB 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](#)

## 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](#)

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	129	N/A	129	N/A	100%
NUMBER OF REFERENCES (B)	4,283	N/A	4,283	N/A	100%
RATIO (B/A)	33.2	N/A	33.2	N/A	

## 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	UNIVERSIDADE FEDERAL DE CAMPINA GRANDE	57
2	EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA (EMBRAPA)	45
3	UNIVERSIDADE FEDERAL RURAL DO SEMI-ARIDO (UFERSA)	37
4	UNIVERSIDADE FEDERAL DO CEARA	35
5	UNIVERSIDADE FEDERAL RURAL DE PERNAMBUCO (UFRPE)	30
6	UNIVERSIDADE ESTADUAL PAULISTA	27
7	UNIVERSIDADE FEDERAL DE VICOSA	25
8	UNIVERSIDADE FEDERAL DA PARAIBA	21
9	UNIVERSIDADE DE SAO PAULO	10

## 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	Brazil	360
2	USA	8
3	Chile	3
-	Spain	3
5	Colombia	2
-	Mozambique	2
-	Vietnam	2
8	CHINA MAINLAND	1
-	Egypt	1
-	Iran	1

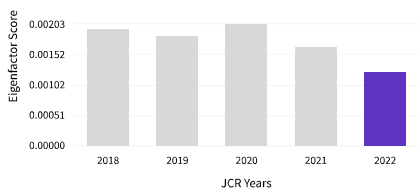
# Additional metrics

## Eigenfactor Score

Export

0.00124

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](#)

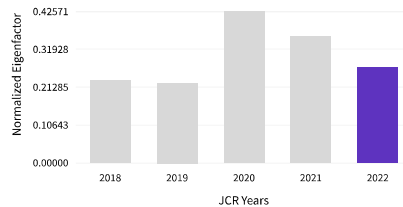


## Normalized Eigenfactor

Export

0.26876

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](#)

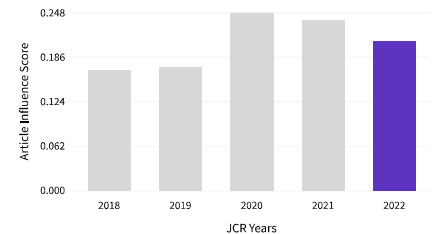


## Article influence score

Export

0.209

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

Export

1.3

[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

## Immediacy Index

Export

0.5

[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

the number of citations in the JCR year by the total number of articles published in the five previous years.

Immediacy Index attract citations rapidly. [Learn more](#)

