

Home > Journal profile

JCR YEAR

2020



AMERICAN JOURNAL OF BOTANY

ISSN

0002-9122

EISSN

1537-2197

JCR ABBREVIATION

AM J BOT

ISO ABBREVIATION

Am. J. Bot.

Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

PLANT SCIENCES - SCIE

LANGUAGES

English

REGION

USA

1ST ELECTRONIC JCR YEAR

1997

Publisher information

PUBLISHER

WILEY

ADDRESS

111 RIVER ST,
HOBOKEN
07030-5774, NJ

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](#)

2020 JOURNAL IMPACT FACTOR

3.844

[View calculation](#)

JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

3.564

[View calculation](#)

Journal Impact Factor contributing items

[Export](#)

Citable items (289)

Citing Sources (316)

TITLE

CITATION COUNT

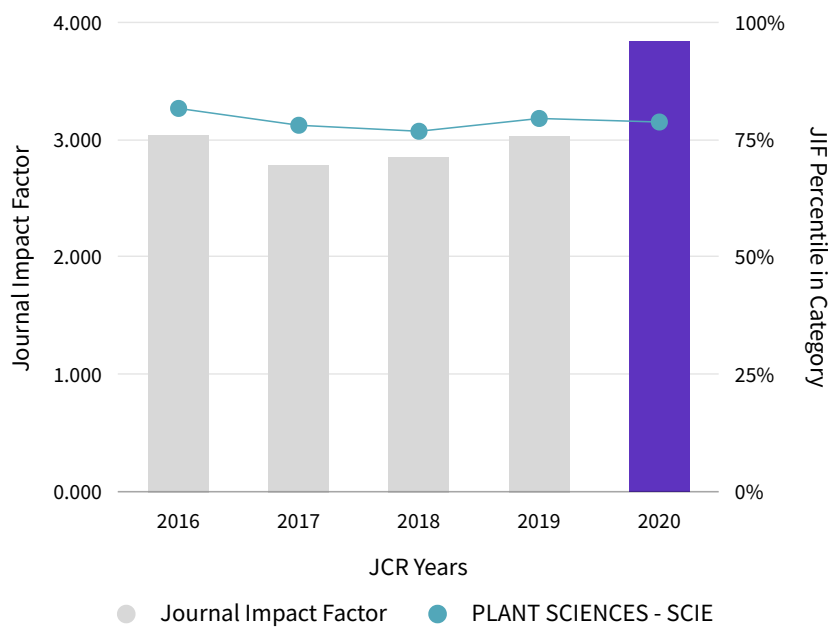
[Export](#)

Constructing a broadly inclusive seed plant phylogeny

76



Journal Impact Factor Trend 2020



[View all years](#)

Impact of whole-genome duplication events	46	▼
Plastid phylogenomic analysis of green plants: A billion years of evolutionary history	30	▼
Tracking temporal shifts in area, biomes, and pollinators in the radiation of <i>Salvia</i> (sages)	19	▼
An overview of extant conifer evolution from the perspective of the fossil record	18	▼
New prospects in the detection and comparative analysis of hybridization in the	18	▼
Monocot plastid phylogenomics, timeline, net rates of species diversification, the power of	18	▼
Quartet Sampling distinguishes lack of support from conflicting support in the green	15	▼
The role of diversification in community assembly of the oaks (<i>Quercus</i> L.) across the	15	▼
The best of both worlds A review of delayed selfing in flowering plants	15	▼

[View in Web of Science](#)

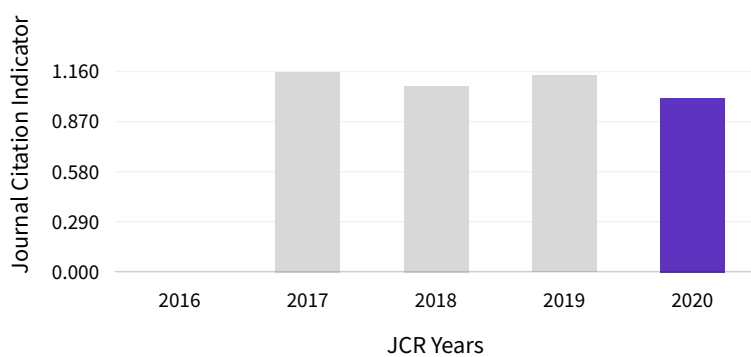
Journal Citation Indicator (JCI) ⓘ

Export

1.01

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](#)

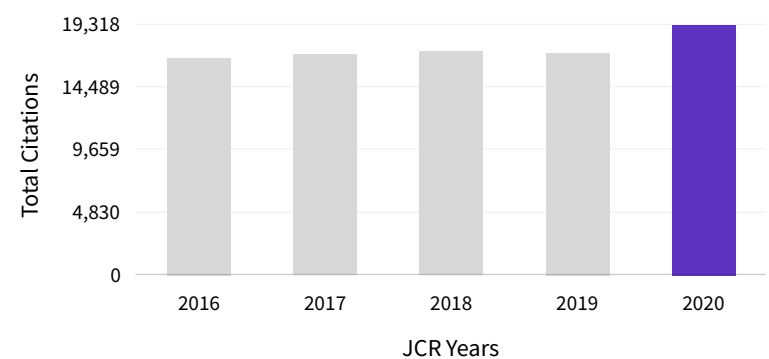


Total Citations

Export

19,318

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](#)

Export



Citation distribution i

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

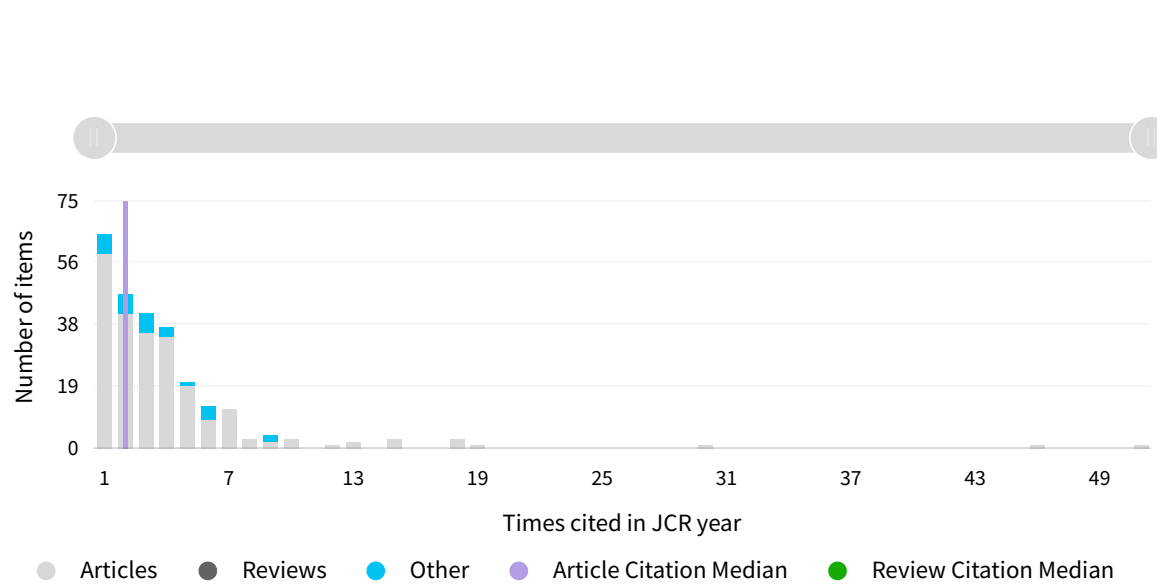
2

REVIEW CITATION
MEDIAN

n/a

UNLINKED CITATIONS

21



TIMES CITED

0

ARTICLES

59

REVIEWS

0

OTHER

15

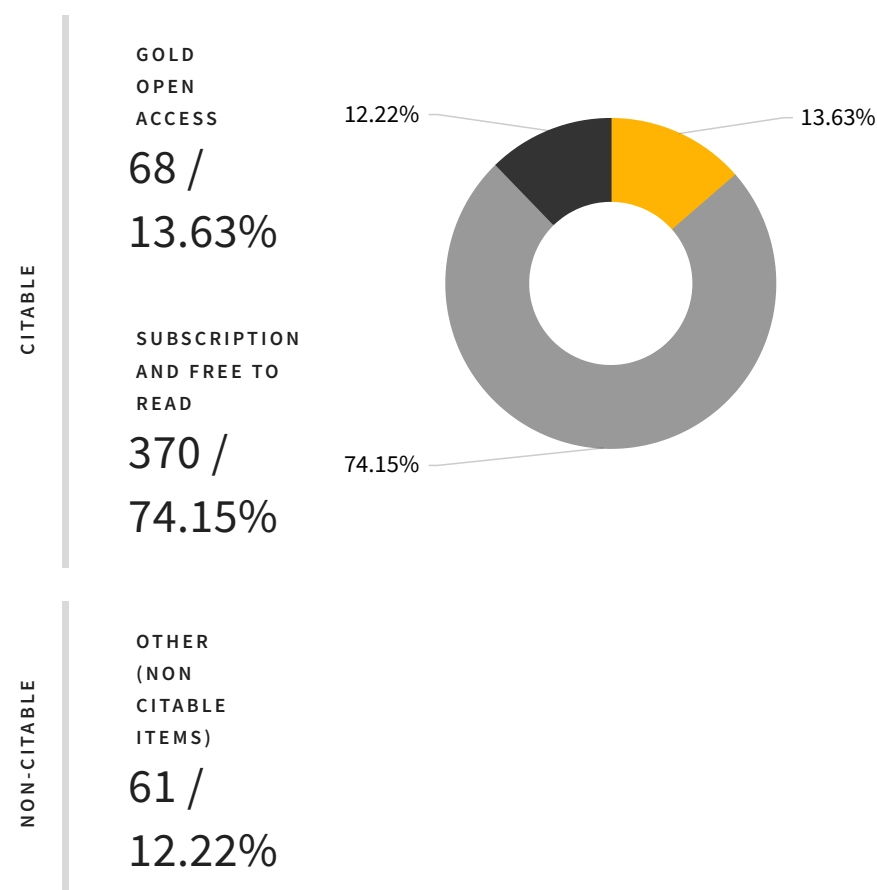
Open Access (OA) i

[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](#)

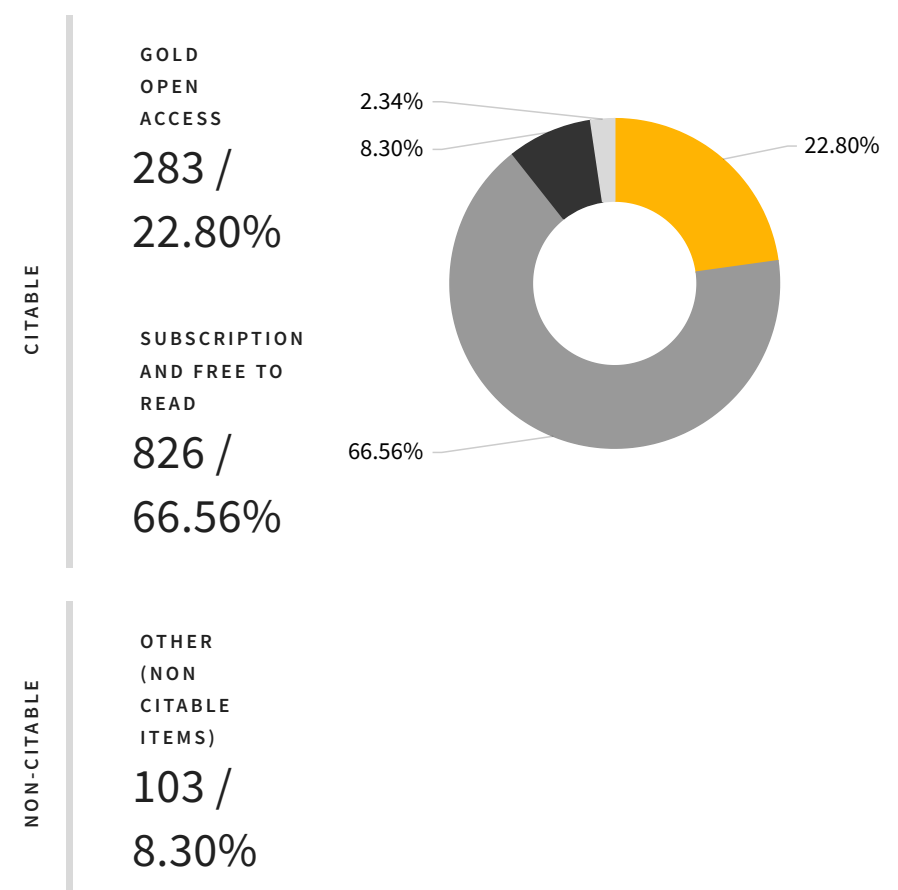
Items

TOTAL CITABLE 438
% OF CITABLE OA 15.53%



Citations*

TOTAL CITABLE 1,109
% OF CITABLE OA 25.52%



UNLINKED



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

PLANT SCIENCES

50/235

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2020	50/235	Q1	78.94	<input type="text"/>
2019	48/234	Q1	79.70	<input type="text"/>
2018	53/228	Q1	76.97	<input type="text"/>
2017	49/223	Q1	78.25	<input type="text"/>
2016	39/212	Q1	81.84	<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

PLANT SCIENCES

48/248

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2020	48/248	Q1	80.85	<input type="text"/>
2019	36/230	Q1	84.57	<input type="text"/>
2018	46/223	Q1	79.60	<input type="text"/>
2017	39/218	Q1	82.34	<input type="text"/>

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](#)

149 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	PERCENTAGE
NUMBER IN JCR YEAR 2020 (A)	148	1	149	18	89%
NUMBER OF REFERENCES (B)	10,318	118	10,436	332	97%
RATIO (B/A)	69.7	118.0	70.0	18.4	

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	EDITION
78.936	Science
	Citation Index Expanded
	PLANT SCIENCES
	78.936

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 CALIFORNIA SYSTEM	50
2	CORNELL UNIVERSITY	31
-	STATE UNIVERSITY SYSTEM OF FLORIDA	31
4	CALIFORNIA STATE UNIVERSITY SYSTEM	22
5	PENNSYLVANIA COMMONWEALTH SYSTEM OF HIGHER	20

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	USA	345
2	Canada	47
3	CHINA MAINLAND	44
4	Mexico	33
5	GERMANY (FED REP GER)	30
6	England	29
7	Spain	26
8	Australia	24

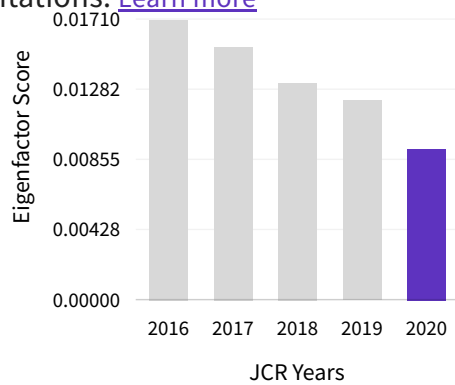
Additional metrics



Eigenfactor Score

0.00922

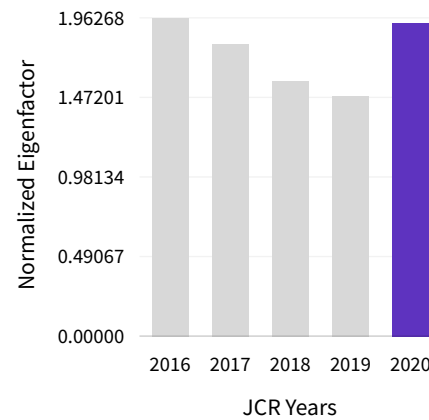
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

1.93183

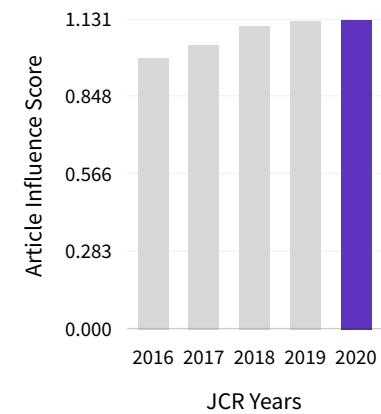
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

1.131

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](#)



Immediacy Index

0.872

[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](#)

