2024 14:00						
Clarivate						Products
Journal Citation Reports [™]	Journals	Categor	ies Pub	♥ My favorites	Sign In	Register
Home > Journal profile					💙 Favorite	보 Export
BIOLOGICAL	ΤΟΛ	~F	Journal inform	ation		
ELEMENT RE			EDITION Science Citatio Expanded (SCII			
ISSN			CATEGORY			
0163-4984			BIOCHEMISTRY MOLECULAR BI			
EISSN 1559-0720			ENDOCRINOLO METABOLISM	GY &		
JCR ABBREVIATION BIOL TRACE ELEM RES			LANGUAGES English	region USA	1ST ELE 1997	ECTRONIC JCR YEAR
ISO ABBREVIATION						
Biol. Trace Elem. Res.			Publisher infor	mation		
			PUBLISHER	ADDRESS	PUBLIC	ATION FREQUENCY
			SPRINGERNATU RE	J CAMPUS, 4 CRINAN ST, LONDON N1 9XW ENGLA		sues/year

Journal's performance

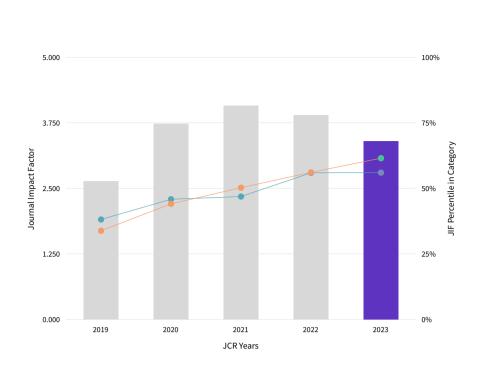
Journal Impact Factor

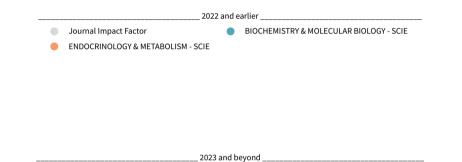
The Journal Impact Factor (JIF) is a journal-level metric calculated from data indexed in the Web of Science Core

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



https://jcr.clarivate.com/jcr-jp/journal-profile?journal=BIOL TRACE ELEM RES&year=2023&fromPage=%2Fjcr%2Fhome





ENDOCRINOLOGY & METABOLISM BIOCHEMISTRY & MOLECULAR BIOLOGY

A Comprehensive Review on Selenium and Its Effects on Human Health and	30 🔒	~
Mitochondrial Ferritin Deficiency Promotes Osteoblastic Ferroptosis Vi	29	~
Probabilistic Health Risk Assessment of Trace Elements in Baby Food and Mil	28	~
The Role of Selenium Nanoparticles in Agriculture and Food Technology	28	~
Arsenic and Human Health: Genotoxicity, Epigenomic Effects, and	27	~
Resveratrol-Selenium Nanoparticles Alleviate Neuroinflammation and	27	~
Synergistic effect of <i>Spirulina platensis</i> and selenium nanoparticles on growt	27	~
Biomedical Applications of Mycosynthesized Selenium	24	~
COVID-19 and Selenium Deficiency: a Systematic Review	22 👌	~

View All in Web of Science

View all years

Journal Citation Indicator (JCI)

0.81

The Journal Citation Indicator (JCI) is the average Category

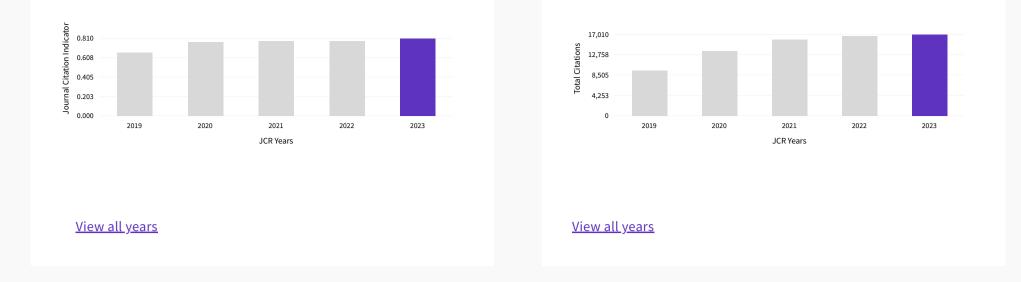
Total Citations

🛃 Export

17,010

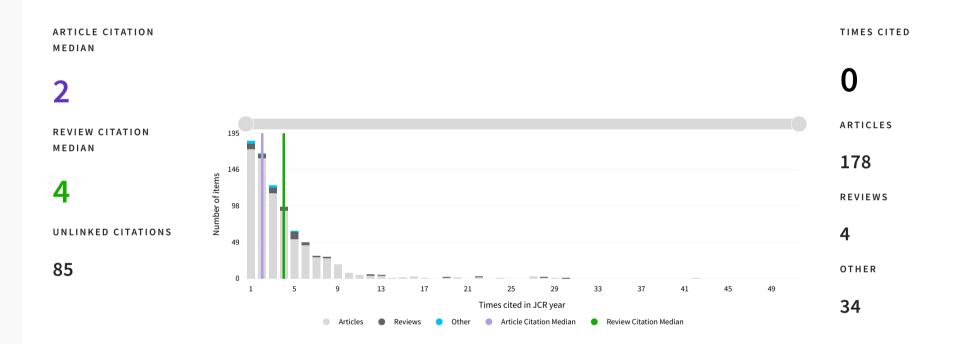
The total number of times that a journal has been cited by all journals included in the database in the JCR year.

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 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. Learn more



± 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

Citations*

ΟΑ

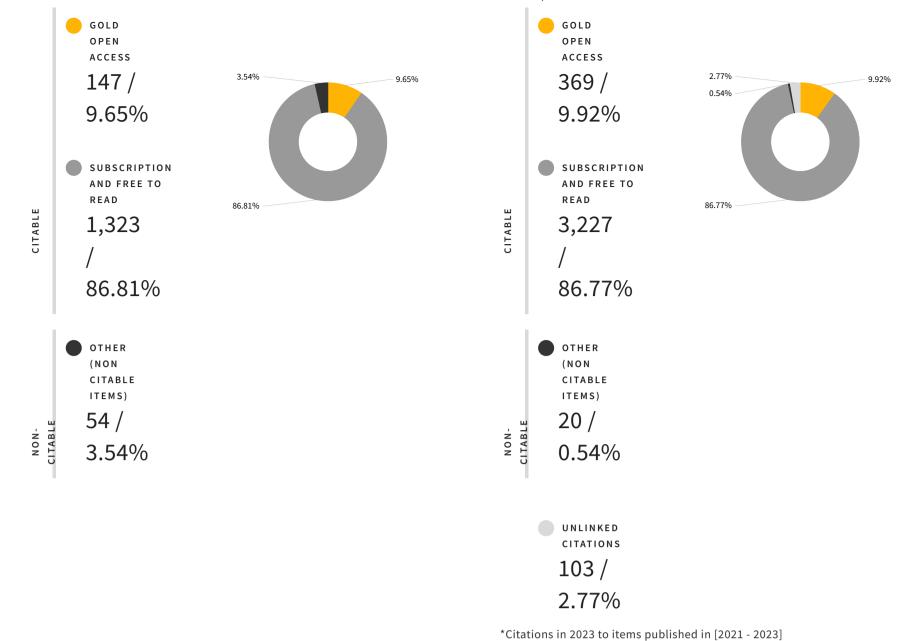
TOTAL CITABLE	% OF CITABLE OA	TOTAL CITABLE	% OF CITABLE
1,470	10.00%	3,596	10.26%



https://jcr.clarivate.com/jcr-jp/journal-profile?journal=BIOL TRACE ELEM RES&year=2023&fromPage=%2Fjcr%2Fhome

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Journal Citation Reports - Journal Profile



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. Beginning in 2023, ranks are calculated by category. <u>Learn more</u>

CATEGORY CATEGORY **BIOCHEMISTRY & MOLECULAR BIOLOGY ENDOCRINOLOGY & METABOLISM** 72/186 138/313 JCR YEAR JIF RANK JIF QUARTILE JIF PERCENTILE JCR YEAR JIF RANK JIF QUARTILE JIF PERCENTILE 2023 138/313 Q2 56.1 2023 72/186 Q2 61.6 **Rank by JIF before 2023 for BIOCHEMISTRY & MOLECULAR** Rank by JIF before 2023 for ENDOCRINOLOGY & METABOLISM BIOLOGY EDITION

EDITION

Science Citation Index Expanded (SCIE)

Science Citation Index Expanded (SCIE)

				JCR YEA	R JIF RANK	K JIF QUARTI	LE JIF PERCENTILE	
JCR Y	EAR JIF RANK JIF QUA	RTILE JIF PERCENTILE		2022	64/145	Q2	56.2	•
2022	126/285 Q2	56.0		2021	73/146	Q2	50.34	
2021	158/297 Q3	46.97		2020	82/146	-	44.18	
2020	160/295 Q3	45.93			-	-		
2019	184/297 Q3	38.22		2019	95/143	Q3	33.92	
			<		>			
								1

https://jcr.clarivate.com/jcr-jp/journal-profile?journal=BIOL TRACE ELEM RES&year=2023&fromPage=%2Fjcr%2Fhome

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
BIOCHEMISTRY & MOLECULAR BIOLOGY
104/313

CATEGORY

ENDOCRINOLOGY & METABOLISM 71/186

JCR YEAR JCI RANK JCI QUARTILE JCI PERCENTILE

JCR YEAR JCI RANK JCI QUARTILE JCI PERCENTILE

2023	104/313 Q2	66.93	2023	71/186 Q2	62.10	
2022	116/315 Q2	63.33	2022	75/184 Q2	59.51	
2021	123/322 Q2	61.96	2021	74/180 Q2	59.17	
2020	138/311 Q2	55.79	2020	81/180 Q2	55.28	
2019	163/310 Q3	47.58	2019	92/179 Q3	48.88	
2018	164/308 Q3	46.92	2018	103/179 Q3	42.74	
2017	176/306 Q3	42.65	2017	104/174 Q3	40.52	

Citation network

Cited Half-life

5.3 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

17,010

NON SELF-CITATIONS

Citing Half-life

7.2 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

30,012

NON SELF-CITATIONS

28,815

15,813	SELF-CITATIONS
SELF-CITATIONS	1,197
1,197	-,
Cited Half-life Data	Citing Half-life Data
	👱 Export



	CITED YEAR	# OF CITES FROM 2023	CUMULATIVE %	# OF CITING SOURCES
	All years	17,010 citations	100.00%	2,372 sources >
	2023	333 citations	1.96%	175 sources >
	2022	1,394 citations	10.15%	505 sources >
2023	2021	1,992 citations	21.86%	725 sources >
2022	2020	3,247 citations	40.95%	1,027 sources >
2020	2019	1,216 citations	48.10%	501 sources >
2019 2018 2018 2018 2018 2018 2018 2018 2018	2018	966 citations	53.78%	452 sources >
2017 2017 2016 2017 2016 2017 2017 2017 2017 2017 2017 2017 2017	2017	781 citations	58.37%	389 sources >
2015	2016	876 citations	63.52%	437 sources >
0 500 1,000 1,500 2,000 2,500 3,000 Number of Cites	2015	483 citations	66.36%	268 sources >
 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 	2014	662 citations	70.25%	328 sources >
Citations used to calculate the Impact Factor	Older	5,060 citations		

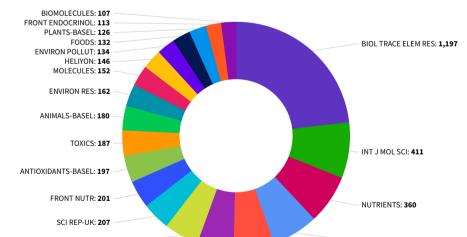
Journal Citation Reports - Journal Profile

Journal Citation Relationships

)ata

Citing Data

Top 20 journals citing BIOL TRACE ELEM RES 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. <u>Learn more</u>

484 total citable items

	ARTICLES	REVIEWS	COMBINED(C)	OTHER DOCUMENT TYPES(O)	• PERCE
NUMBER IN JCR YEAR 2023 (A)	443	41	484	11	98%
NUMBER OF REFERENCES (B)	25,178	4,817	29,995	17	100%
RATIO (B/A)	56.8	117.5	62.0	1.5	

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

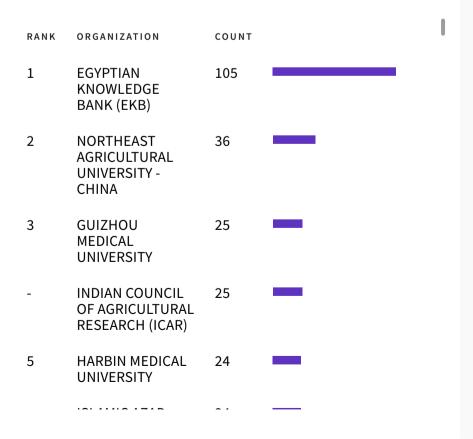
all categories average 58.9 biochemistry & molecular biology 56.1

endocrinology & metabolism 61.6

Contributions by organizations

🛃 Export

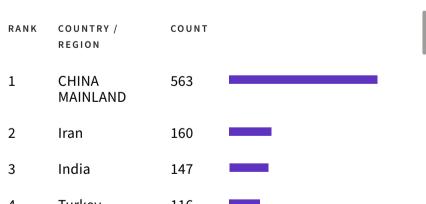
Organizations that have contributed the most papers to the journal in the most recent three-year period. <u>Learn more</u>



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



4	Turkey	116	
5	Egypt	105	-
6	USA	103	-
7	Brazil	72	-
8	Pakistan	55	-
9	Turkiye	41	•



₹

Additional metrics

₹

Eigenfactor Score 0.01116

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-

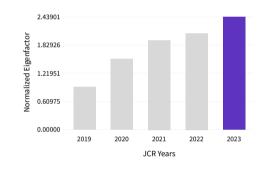
0.01116 0.00837 0.00558 0.00279 0.00000 2019 2020 2021 2022 2023 JCR Years

citations. Learn more

Normalized Eigenfactor

2.43901

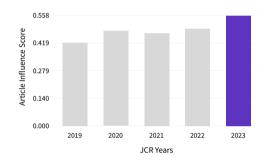
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. Learn more



Article influence^{*} score

0.558

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 aboveaverage influence. Learn more



5 Year Impact ¹ Factor

3.7

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. Learn more

Immediacy Index

₹

0.7

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. <u>Learn more</u>





Journal Citation Reports - Journal Profile

