

2023 Journal Performance Data for: POLYMER COMPOSITES

ISSN	EISSN	
0272-8397	1548-0569	
JCR ABBREVIATION	ISO ABBREVIATION	
POLYM COMPOSITE	Polym. Compos.	
Journal Information		
EDITION	CATEGORY	
Science Citation Index Expanded (SCIE)	POLYMER SCIENCE MATERIALS SCIENCE, COMPOSITES	
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](#)

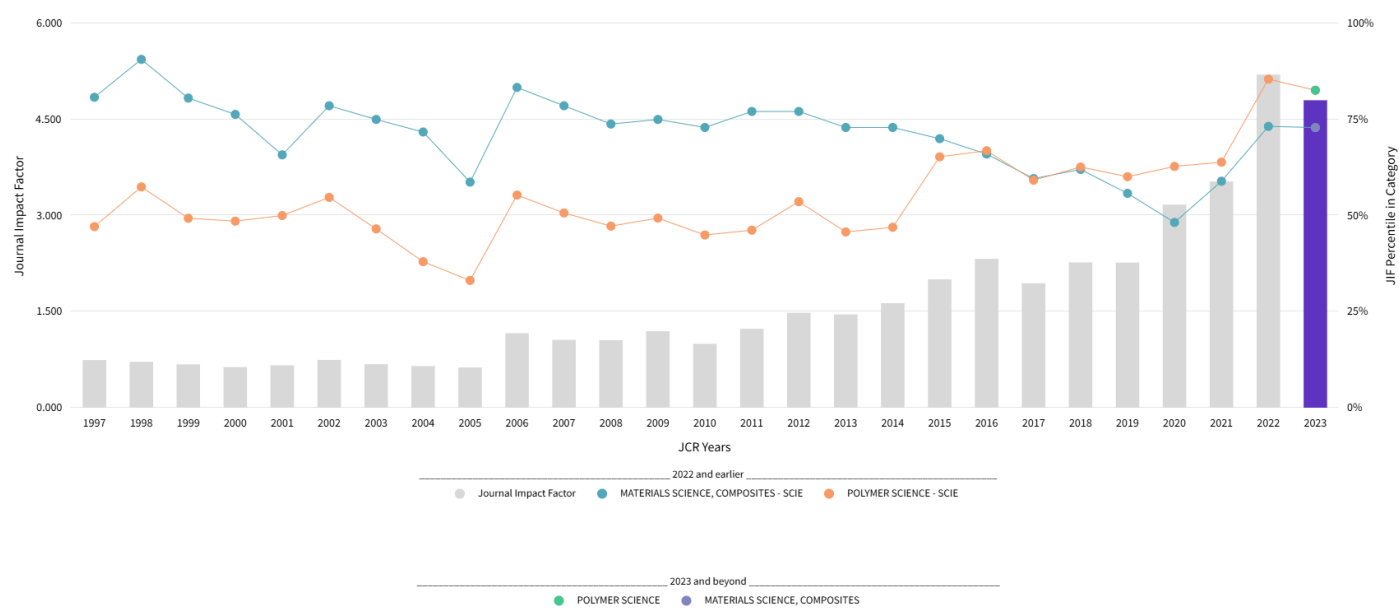
2023 JOURNAL IMPACT FACTOR

4.8

2023 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

3.3

Journal Impact Factor Trend 2023



Journal Impact Factor is calculated using the following metrics

Citations in 2023 to items published in 2021 (2,806) - 2022 (3,226)		6,032		
	=		=	4.8
Number of citable items in 2021 (525) + 2022 (721)		1,246		

Journal Impact Factor without self cites is calculated using the following metrics

Citations in 2023 to items published in 2021 (2,806) + 2022 (3,226) - Self Citations in 2023 to items published in 2021 (733) + 2022 (1,178)		6,032 - 1,911		
	=		=	3.3
Number of citable items in 2021 (525) + 2022 (721)		1,246		

Journal Impact Factor Contributing Items

Citable Items (1,246)

TITLE	CITATION COUNT
<p>Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives Authors: Rangappa, Sanjay Mavinkere;Siengchin, Suchart;Parameswaranpillai, Jyotishkumar;Jawaid, Mohammad;Ozbakkaloglu, Togay Volume: 43 Accession number: WOS:000722932900001 Document Type: Review</p>	99
<p>A comprehensive review on cellulose nanocrystals and cellulose nanofibers: Pretreatment, preparation, and characterization Authors: Nagarajan, K. J.;Ramanujam, N. R.;Sanjay, M. R.;Siengchin, Suchart.;Surya Rajan, B.;Sathick Basha, K.;Madhu, P.;Raghav, G. R. Volume: 42 Accession number: WOS:000605570200001 Document Type: Review</p>	61
<p>A review on extraction, chemical treatment, characterization of natural fibers and its composites for potential applications Authors: Jagadeesh, Praveenkumara;Puttegowda, Madhu;Rangappa, Sanjay Mavinkere;Siengchin, Suchart Volume: 42 Accession number: WOS:000698796500001 Document Type: Review</p>	49
<p>Influence of nanofillers on biodegradable composites: A comprehensive review Authors: Jagadeesh, Praveenkumara;Puttegowda, Madhu;Mavinkere Rangappa, Sanjay;Siengchin, Suchart Volume: 42 Accession number: WOS:000691972600001 Document Type: Review</p>	42
<p>A comprehensive review on natural fiber/nano-clay reinforced hybrid polymeric composites: Materials and technologies Authors: Rajeshkumar, G.;Seshadri, S. Arvinth;Ramakrishnan, S.;Sanjay, M. R.;Siengchin, Suchart;Nagaraja, K. C. Volume: 42 Accession number: WOS:000649857000001 Document Type: Review</p>	30

Showing 1-5 rows of 1,246 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (667)

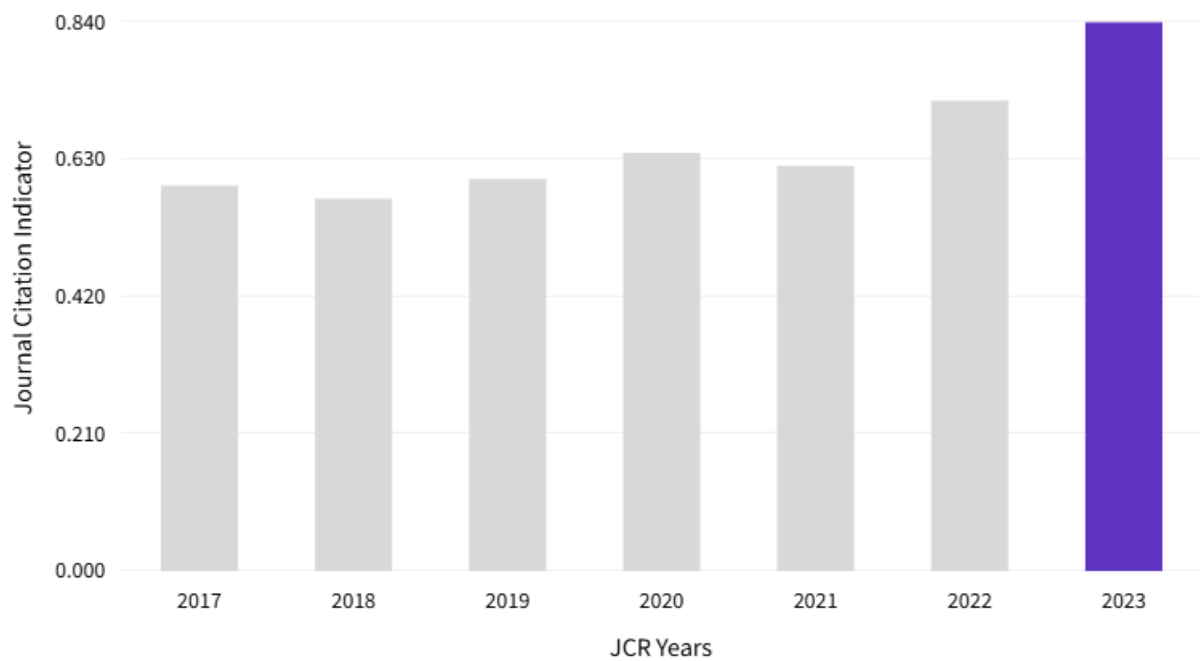
SOURCE NAME	COUNT
POLYMER COMPOSITES	1,911
POLYMERS	246
BIOMASS CONVERSION AND BIOREFINERY	211
JOURNAL OF APPLIED POLYMER SCIENCE	149
POLYMER ENGINEERING AND SCIENCE	146
MATERIALS	87
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	83
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING	63
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	58
COMPOSITE STRUCTURES	57
JOURNAL OF COMPOSITE MATERIALS	52
FIBERS AND POLYMERS	50
INDUSTRIAL CROPS AND PRODUCTS	49
JOURNAL OF NATURAL FIBERS	48
CONSTRUCTION AND BUILDING MATERIALS	47
JOURNAL OF VINYL & ADDITIVE TECHNOLOGY	45
HELIYON	44
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS	43
COMPOSITES SCIENCE AND TECHNOLOGY	42
JOURNAL OF POLYMER RESEARCH	42

Showing 1-20 rows of 667 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.84

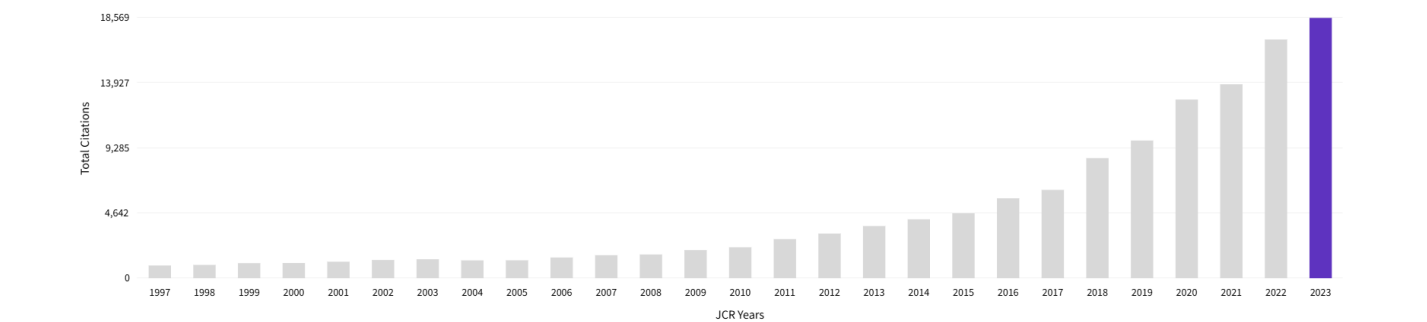
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

18,569

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

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

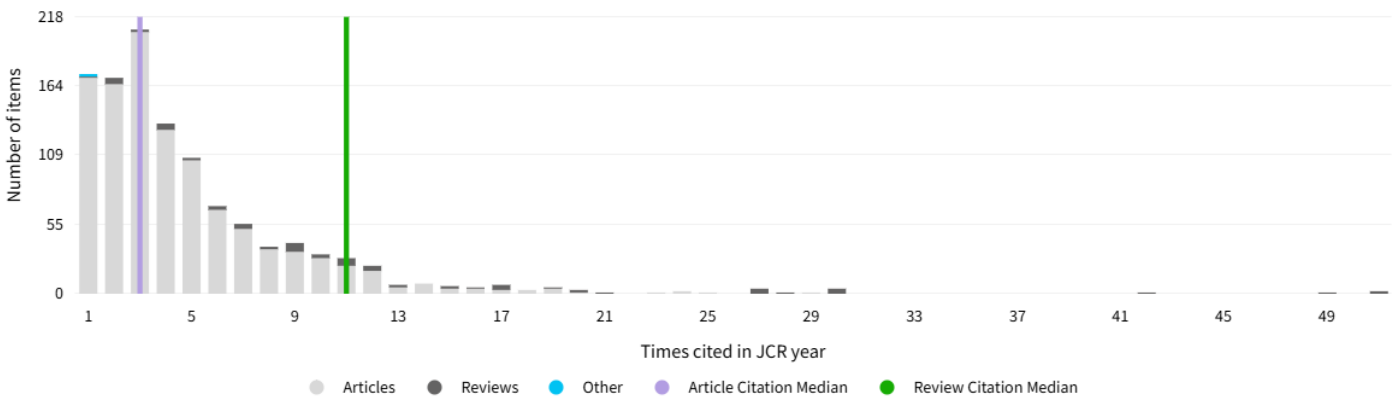
3

REVIEW CITATION MEDIAN

10.5

UNLINKED CITATIONS

133



0 times cited

ARTICLES

109

REVIEWS

2

OTHER

7

Open Access (OA)

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

2,071

% OF CITABLE OA

5.17%

CITABLE

GOLD OPEN ACCESS

107 / 5.13%

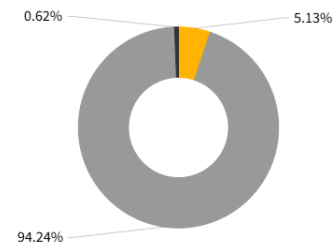
SUBSCRIPTION OR BRONZE

1,964 / 94.24%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)

13 / 0.62%



Citations*

TOTAL CITABLE

6,758

% OF CITABLE OA

3.48%

CITABLE

GOLD OPEN ACCESS

235 / 3.38%

SUBSCRIPTION OR BRONZE

6,523 / 93.71%

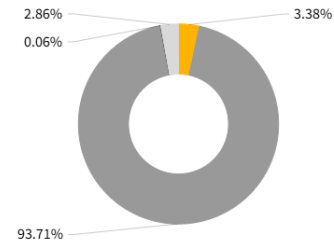
NON-CITABLE

OTHER (NON-CITABLE ITEMS)

4 / 0.06%

UNLINKED CITATIONS

199 / 2.86%



* Citations in 2023 to items published in (2021-2023)

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. [Learn more](#)

CATEGORY

MATERIALS SCIENCE, COMPOSITES

10/35

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2023	10/35	Q2	72.9	<div><div></div></div>

Rank by JIF before 2023 for MATERIALS SCIENCE, COMPOSITES

EDITION

Science Citation Index Expanded (SCIE)

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2022	8/28	Q2	73.2	<div><div></div></div>
2021	12/28	Q2	58.93	<div><div></div></div>
2020	15/28	Q3	48.21	<div><div></div></div>
2019	12/26	Q2	55.77	<div><div></div></div>
2018	10/25	Q2	62.00	<div><div></div></div>
2017	11/26	Q2	59.62	<div><div></div></div>
2016	9/25	Q2	66.00	<div><div></div></div>
2015	8/25	Q2	70.00	<div><div></div></div>
2014	7/24	Q2	72.92	<div><div></div></div>
2013	7/24	Q2	72.92	<div><div></div></div>
2012	6/24	Q1	77.08	<div><div></div></div>
2011	6/24	Q1	77.08	<div><div></div></div>
2010	7/24	Q2	72.92	<div><div></div></div>
2009	6/22	Q2	75.00	<div><div></div></div>
2008	6/21	Q2	73.81	<div><div></div></div>
2007	5/21	Q1	78.57	<div><div></div></div>
2006	4/21	Q1	83.33	<div><div></div></div>
2005	10/23	Q2	58.70	<div><div></div></div>
2004	7/23	Q2	71.74	<div><div></div></div>
2003	6/22	Q2	75.00	<div><div></div></div>
2002	5/21	Q1	78.57	<div><div></div></div>
2001	7/19	Q2	65.79	<div><div></div></div>
2000	5/19	Q2	76.32	<div><div></div></div>
1999	4/18	Q1	80.56	<div><div></div></div>
1998	2/16	Q1	90.63	<div><div></div></div>

CATEGORY

POLYMER SCIENCE

17/95

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2023	17/95	Q1	82.6	<div><div></div></div>

Rank by JIF before 2023 for POLYMER SCIENCE

EDITION

Science Citation Index Expanded (SCIE)

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2022	13/86	Q1	85.5	<div><div></div></div>
2021	33/90	Q2	63.89	<div><div></div></div>
2020	34/90	Q2	62.78	<div><div></div></div>
2019	36/89	Q2	60.11	<div><div></div></div>
2018	33/87	Q2	62.64	<div><div></div></div>
2017	36/87	Q2	59.20	<div><div></div></div>
2016	29/86	Q2	66.86	<div><div></div></div>
2015	30/85	Q2	65.29	<div><div></div></div>
2014	44/82	Q3	46.95	<div><div></div></div>
2013	45/82	Q3	45.73	<div><div></div></div>
2012	39/83	Q2	53.61	<div><div></div></div>
2011	43/79	Q3	46.20	<div><div></div></div>
2010	44/79	Q3	44.94	<div><div></div></div>
2009	39/76	Q3	49.34	<div><div></div></div>
2008	39/73	Q3	47.26	<div><div></div></div>
2007	37/74	Q2	50.68	<div><div></div></div>
2006	34/75	Q2	55.33	<div><div></div></div>
2005	52/77	Q3	33.12	<div><div></div></div>
2004	47/75	Q3	38.00	<div><div></div></div>
2003	39/72	Q3	46.53	<div><div></div></div>
2002	34/74	Q2	54.73	<div><div></div></div>
2001	37/73	Q3	50.00	<div><div></div></div>
2000	36/69	Q3	48.55	<div><div></div></div>
1999	36/70	Q3	49.29	<div><div></div></div>
1998	29/67	Q2	57.46	<div><div></div></div>

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE		JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
1997	3/13	Q1	80.77	<div><div></div></div>	1997	28/52	Q3	47.12	<div><div></div></div>

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

MATERIALS SCIENCE, COMPOSITES

12/35

JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2023	12/35	Q2	67.14	<div><div></div></div>
2022	11/35	Q2	70.00	<div><div></div></div>
2021	12/34	Q2	66.18	<div><div></div></div>
2020	12/33	Q2	65.15	<div><div></div></div>
2019	12/33	Q2	65.15	<div><div></div></div>
2018	11/32	Q2	67.19	<div><div></div></div>
2017	10/31	Q2	69.35	<div><div></div></div>

CATEGORY

POLYMER SCIENCE

22/95

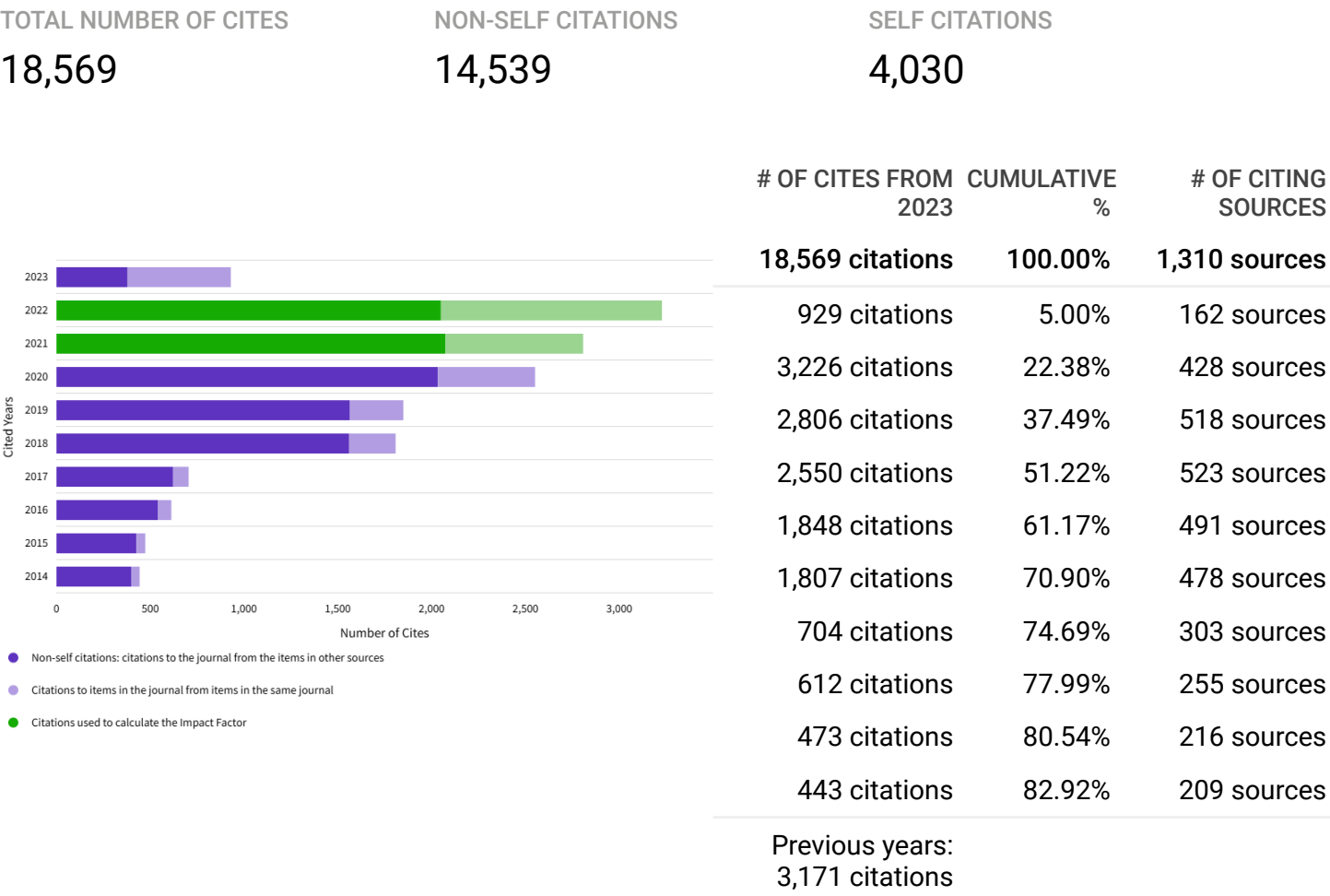
JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2023	22/95	Q1	77.37	<div><div></div></div>
2022	27/93	Q2	71.51	<div><div></div></div>
2021	33/95	Q2	65.79	<div><div></div></div>
2020	31/94	Q2	67.55	<div><div></div></div>
2019	32/91	Q2	65.38	<div><div></div></div>
2018	32/90	Q2	65.00	<div><div></div></div>
2017	33/90	Q2	63.89	<div><div></div></div>

Citation network

Cited Half-life

3.9 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.



Citing titles in all years

POLYMER COMPOSITES

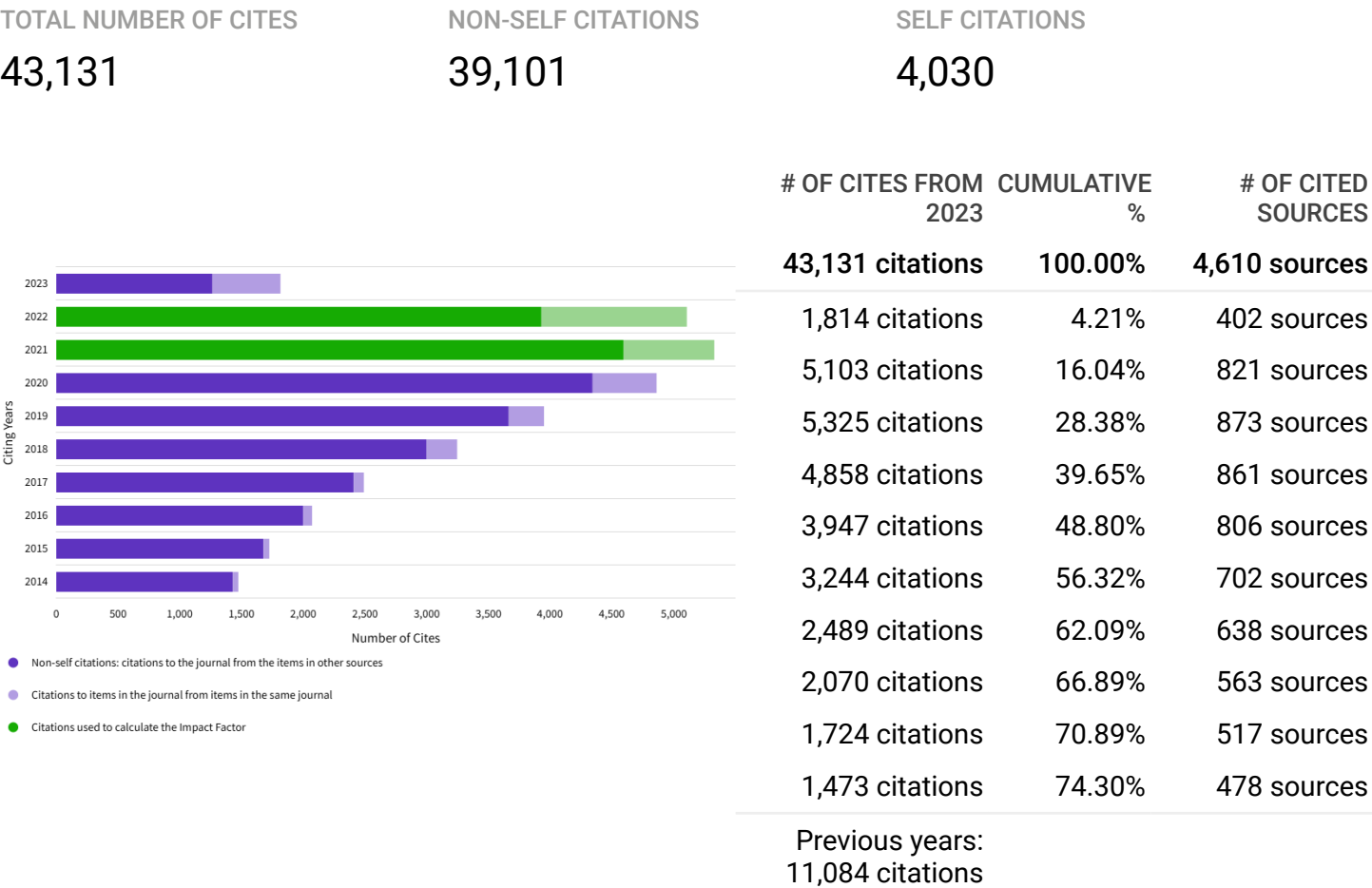
	SOURCE NAME	COUNT
	All Others	494
1	POLYMER COMPOSITES	4,030
2	Polymers	996
3	JOURNAL OF APPLIED POLYMER SCIENCE	522
4	POLYMER ENGINEERING AND SCIENCE	454
5	Biomass Conversion and Biorefinery	366
6	Materials	322
7	International Journal of Biological Macromolecules	226
8	COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING	205
9	Journal of Materials Research and Technology-JMR&T	184
10	JOURNAL OF COMPOSITE MATERIALS	177
11	COMPOSITE STRUCTURES	168
12	Journal of Composites Science	164
13	JOURNAL OF POLYMER RESEARCH	161
14	Materials Today Communications	155
15	FIBERS AND POLYMERS	145
16	Construction and Building Materials	141
17	INDUSTRIAL CROPS AND PRODUCTS	139
18	POLYMER BULLETIN	133
19	JOURNAL OF VINYL & ADDITIVE TECHNOLOGY	132
20	JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS	130

Showing 1 - 20 rows of 816 total (use export in the relevant section to download the full table)

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.



	# OF CITES FROM 2023	CUMULATIVE %	# OF CITED SOURCES
2023	43,131 citations	100.00%	4,610 sources
2022	1,814 citations	4.21%	402 sources
2021	5,103 citations	16.04%	821 sources
2020	5,325 citations	28.38%	873 sources
2019	4,858 citations	39.65%	861 sources
2018	3,947 citations	48.80%	806 sources
2017	3,244 citations	56.32%	702 sources
2016	2,489 citations	62.09%	638 sources
2015	2,070 citations	66.89%	563 sources
2014	1,724 citations	70.89%	517 sources
	1,473 citations	74.30%	478 sources
Previous years: 11,084 citations			

Citing Years

Number of Cites

● 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

Cited titles in all years

POLYMER COMPOSITES

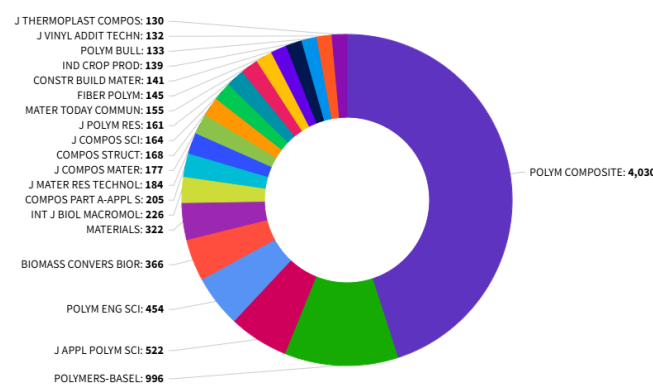
	SOURCE NAME	COUNT
	All Others	3,068
1	POLYMER COMPOSITES	4,030
2	COMPOSITES PART B-ENGINEERING	1,841
3	COMPOSITES SCIENCE AND TECHNOLOGY	1,638
4	COMPOSITE STRUCTURES	1,563
5	COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING	1,538
6	JOURNAL OF APPLIED POLYMER SCIENCE	947
7	Polymers	730
8	POLYMER	597
9	MATERIALS & DESIGN	562
10	JOURNAL OF COMPOSITE MATERIALS	530
11	ACS Applied Materials & Interfaces	506
12	CARBON	481
13	POLYMER ENGINEERING AND SCIENCE	454
14	POLYMER TESTING	410
15	JOURNAL OF MATERIALS SCIENCE	388
16	Materials	378
17	Construction and Building Materials	323
18	Chemical Engineering Journal	319
19	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	298
20	MATER TODAY-PROC	295

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Journal Citation Relationships

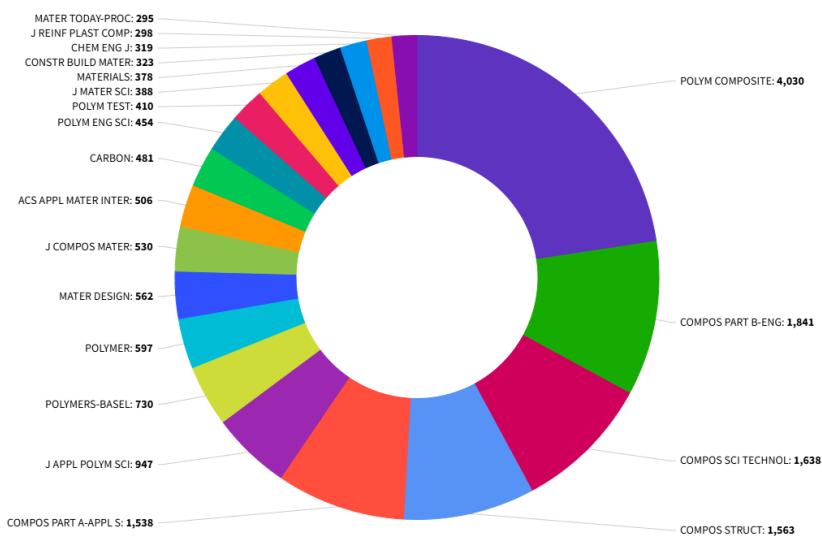
Cited Data

Top 20 journals citing POLYM COMPOSITE by number of citations



Citing Data

Top 20 journals cited by POLYM COMPOSITE 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](#)

825 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2023 (A)	794	31	825	4	100%
NUMBER OF REFERENCES (B)	37,844	5,201	43,045	86	100%
RATIO (B/A)	47.7	167.8	52.2	21.5	

Average JIF Percentile

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

77.8

POLYMER SCIENCE

82.6

MATERIALS SCIENCE, COMPOSITES

72.9

Contributions by Organizations

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

RANK	ORGANIZATION	COUNT	
1	INDIAN INSTITUTE OF TECHNOLOGY SYSTEM (IIT SYSTEM)	89	<div></div>
2	NATIONAL INSTITUTE OF TECHNOLOGY (NIT SYSTEM)	76	<div></div>
3	KING MONGKUTS UNIVERSITY OF TECHNOLOGY NORTH BANGKOK	60	<div></div>
4	HARBIN INSTITUTE OF TECHNOLOGY	48	<div></div>
5	CHINESE ACADEMY OF SCIENCES	41	<div></div>
6	EGYPTIAN KNOWLEDGE BANK (EKB)	35	<div></div>
7	DONGHUA UNIVERSITY	30	<div></div>
8	NANJING UNIVERSITY OF AERONAUTICS & ASTRONAUTICS	29	<div></div>

Showing 1 - 8 rows of 1818 total (use export in the relevant section to download the full table)

Contributions by country/region

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	891	<div></div>
2	INDIA	472	<div></div>
3	IRAN	145	<div></div>
4	TURKIYE	130	<div></div>
5	USA	106	<div></div>
6	THAILAND	70	<div></div>
7	SAUDI ARABIA	69	<div></div>
8	MALAYSIA	60	<div></div>

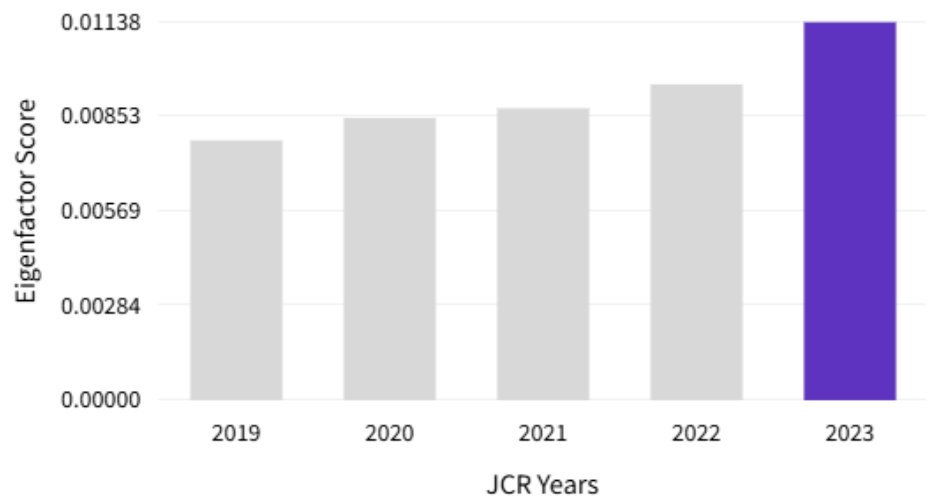
Showing 1 - 8 rows of 84 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.01138

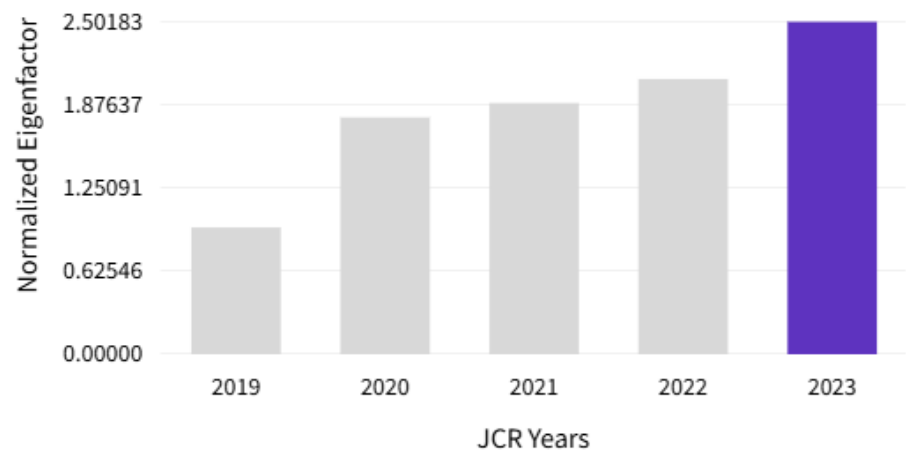
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

2.50183

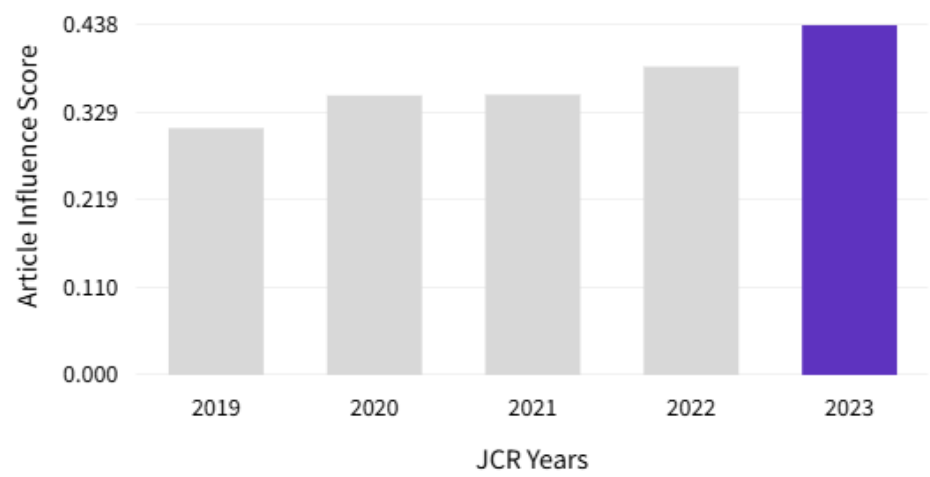
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

0.438

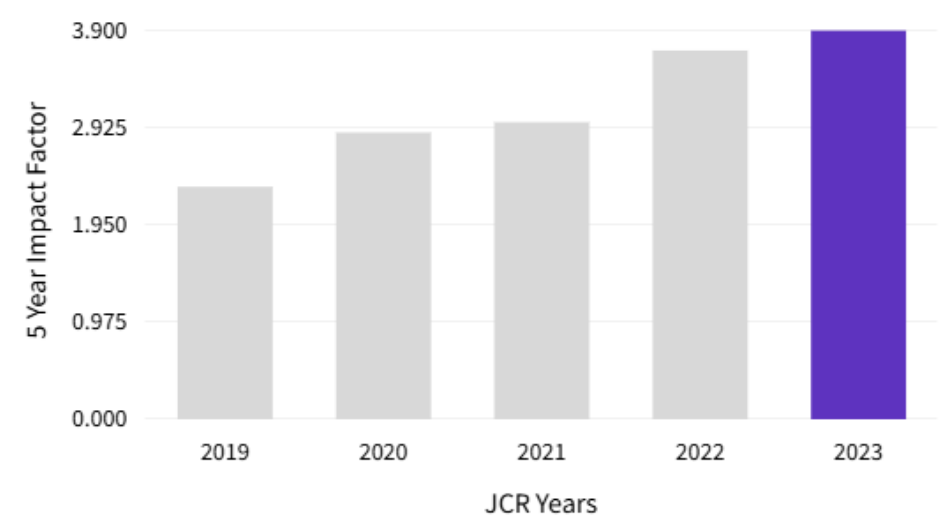
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. [Learn more](#)



5 year Impact Factor

3.9

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.



5 year Impact Factor calculation

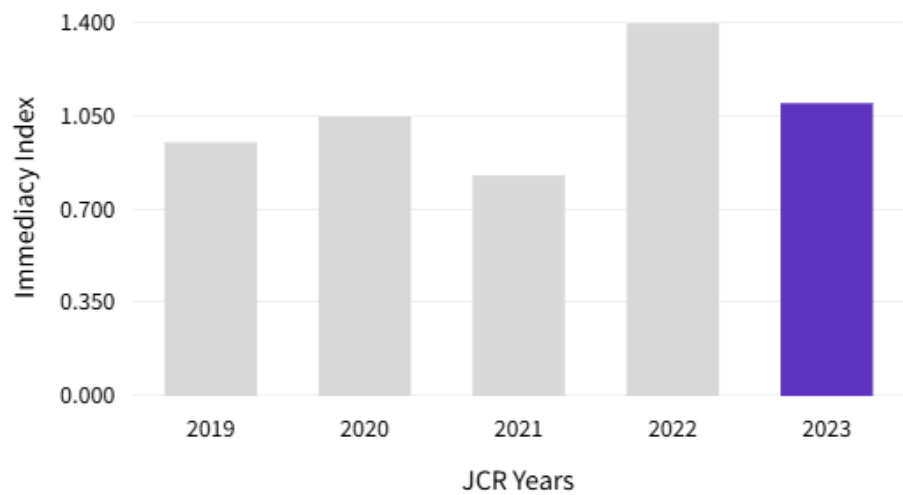
Citations in 2023 to items published in [2018-2022] (12,237)			
<hr/>			
	=	$\frac{12,237}{3,140}$	= 3.9
Number of citable items in [2018-2022] (3,140)			

Immediacy Index

1.1

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](#)



Immediacy Index calculation

Cites in 2023 to items published in [2023]				
		929		
<hr/>				
Number of citable items published in [2023]	=	825	=	1.1