

2024 Journal Performance Data for: TECHNOLOGY IN SOCIETY

ISSN	EISSN
0160-791X	1879-3274
JCR ABBREVIATION	ISO ABBREVIATION
TECHNOL SOC	Technol. Soc.

Journal Information

EDITION	CATEGORY	
Social Sciences Citation Index (SSCI)	SOCIAL SCIENCES, INTERDISCIPLINARY SOCIAL ISSUES	
LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	ENGLAND	1997

Publisher Information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
ELSEVIER SCI LTD	125 London Wall, London EC2Y 5AS, ENGLAND	4 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](#)

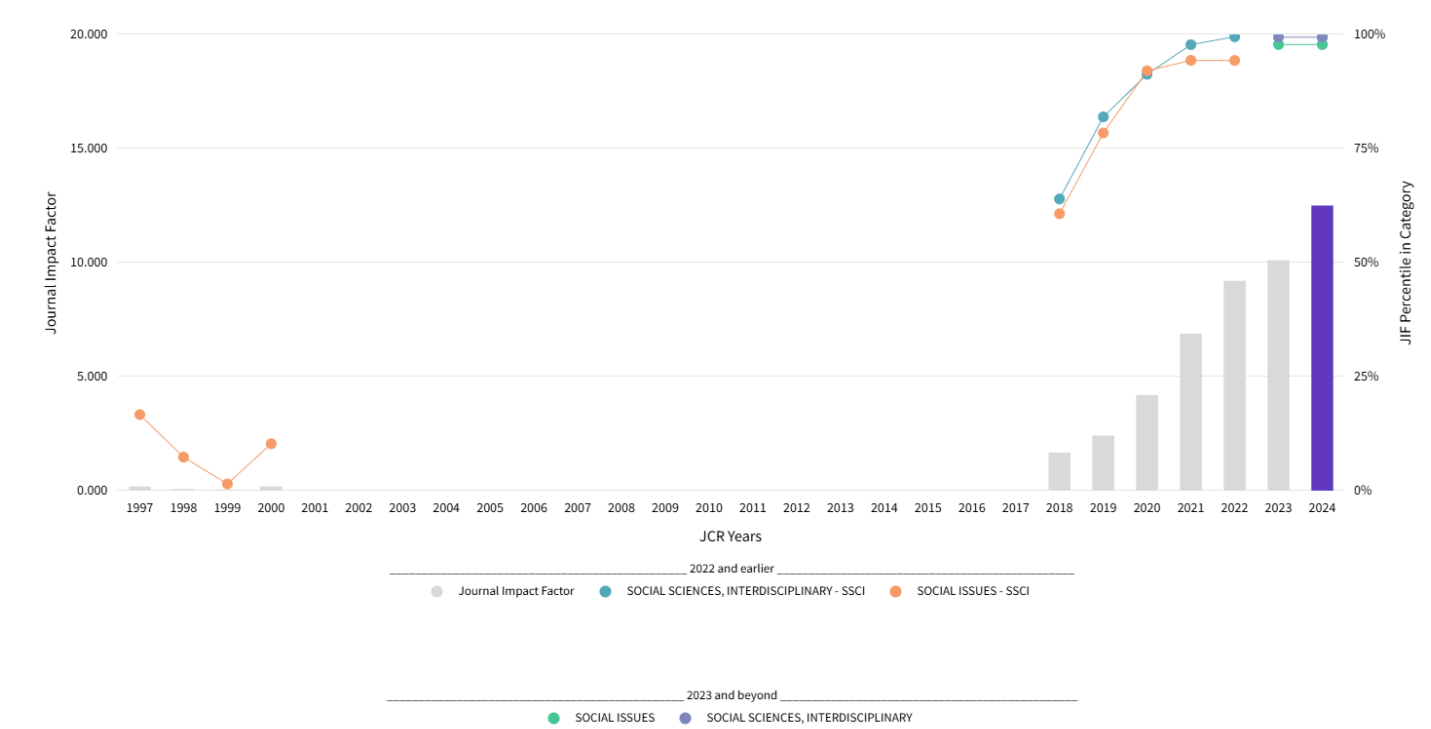
2024 JOURNAL IMPACT FACTOR

12.5

2024 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

11.6

Journal Impact Factor Trend 2024



Journal Impact Factor is calculated using the following metrics


Citations in 2024 to items published in 2022 (4,293) - 2023 (2,390)		6,683		
<hr/>				
Number of citable items in 2022 (312) + 2023 (222)	=	534	=	12.5

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

Citations in 2024 to items published in 2022 (4,293) + 2023 (2,390) - Self Citations in 2024 to items published in 2022 (211) + 2023 (287)		6,683 - 498		
<hr/>				
Number of citable items in 2022 (312) + 2023 (222)	=	534	=	11.6

Journal Impact Factor Contributing Items

Citable Items (534)

TITLE	CITATION COUNT
<p>The effect of ESG rating events on corporate green innovation in China: The mediating role of financial constraints and managers' environmental awareness</p> <p>Authors: Tan, Yafei;Zhu, Zhaohui</p> <p>Volume: 68</p> <p>Accession number: WOS:000782790800010</p> <p>Document Type: Article</p>	<p>168</p> 
<p>Does digital transformation enhance a firm's performance? Evidence from China</p> <p>Authors: Zhai, Huayun;Yang, Min;Chan, Kam C.</p> <p>Volume: 68</p> <p>Accession number: WOS:000781096100014</p> <p>Document Type: Article</p>	156
<p>The nexus between digital economy and carbon dioxide emissions in China: The moderating role of investments in research and development</p> <p>Authors: Ma, Qiang;Tariq, Muhammad;Mahmood, Haider;Khan, Zeeshan</p> <p>Volume: 68</p> <p>Accession number: WOS:000782790800009</p> <p>Document Type: Article</p>	135
<p>Do corporate social responsibility practices contribute to green innovation? The mediating role of green dynamic capability</p> <p>Authors: Yuan, Baolong;Cao, Xueyun</p> <p>Volume: 68</p> <p>Accession number: WOS:000780192800011</p> <p>Document Type: Article</p>	130
<p>Are users willing to embrace ChatGPT? Exploring the factors on the acceptance of chatbots from the perspective of AIDUA framework</p> <p>Authors: Ma, Xiaoyue;Huo, Yudi</p> <p>Volume: 75</p> <p>Accession number: WOS:001082514800001</p> <p>Document Type: Article</p>	82

Showing 1-5 rows of 534 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (1,485)

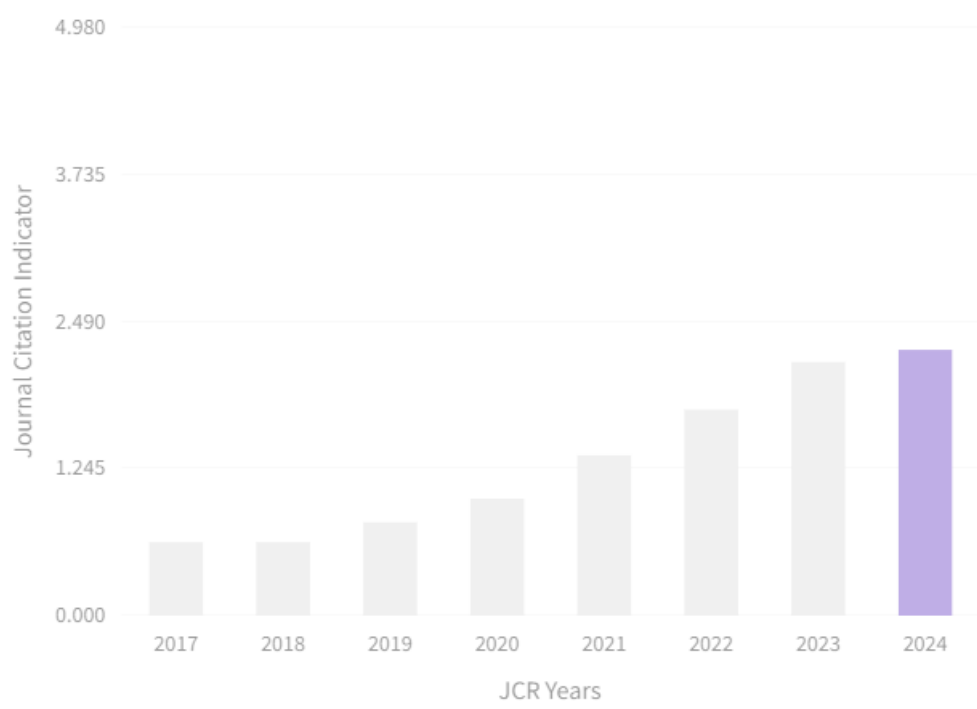
SOURCE NAME	COUNT
TECHNOLOGY IN SOCIETY	498
SUSTAINABILITY	317
TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	174
HELIYON	122
JOURNAL OF CLEANER PRODUCTION	115
JOURNAL OF ENVIRONMENTAL MANAGEMENT	99
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	89
PLOS ONE	84
HUMANITIES & SOCIAL SCIENCES COMMUNICATIONS	75
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION	65
JOURNAL OF THE KNOWLEDGE ECONOMY	64
JOURNAL OF RETAILING AND CONSUMER SERVICES	59
FINANCE RESEARCH LETTERS	58
IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	57
ENERGY ECONOMICS	55
SAGE OPEN	51
ECONOMIC ANALYSIS AND POLICY	50
SUSTAINABLE DEVELOPMENT	50
INTERNATIONAL REVIEW OF ECONOMICS & FINANCE	47
BUSINESS STRATEGY AND THE ENVIRONMENT	42

Showing 1-20 rows of 1,485 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

4.98

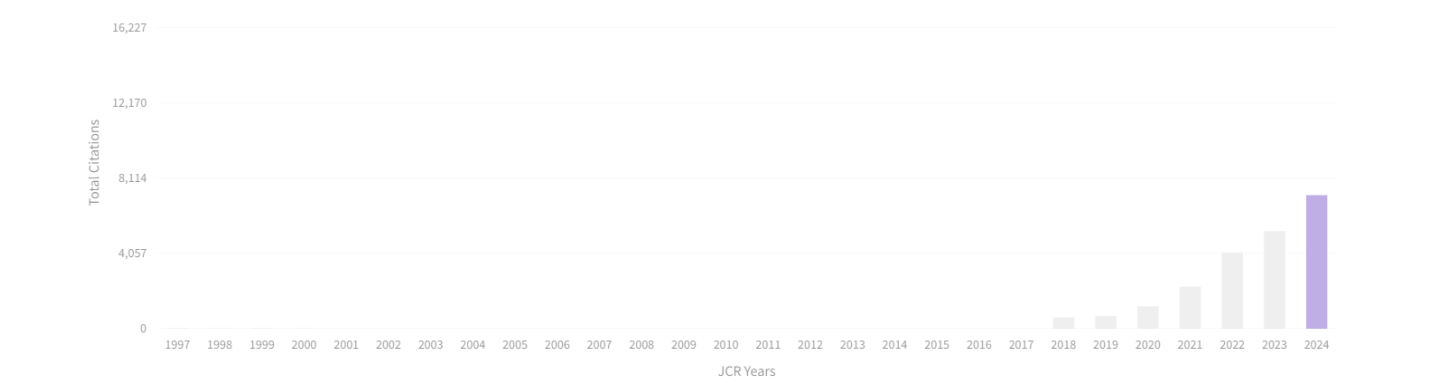
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

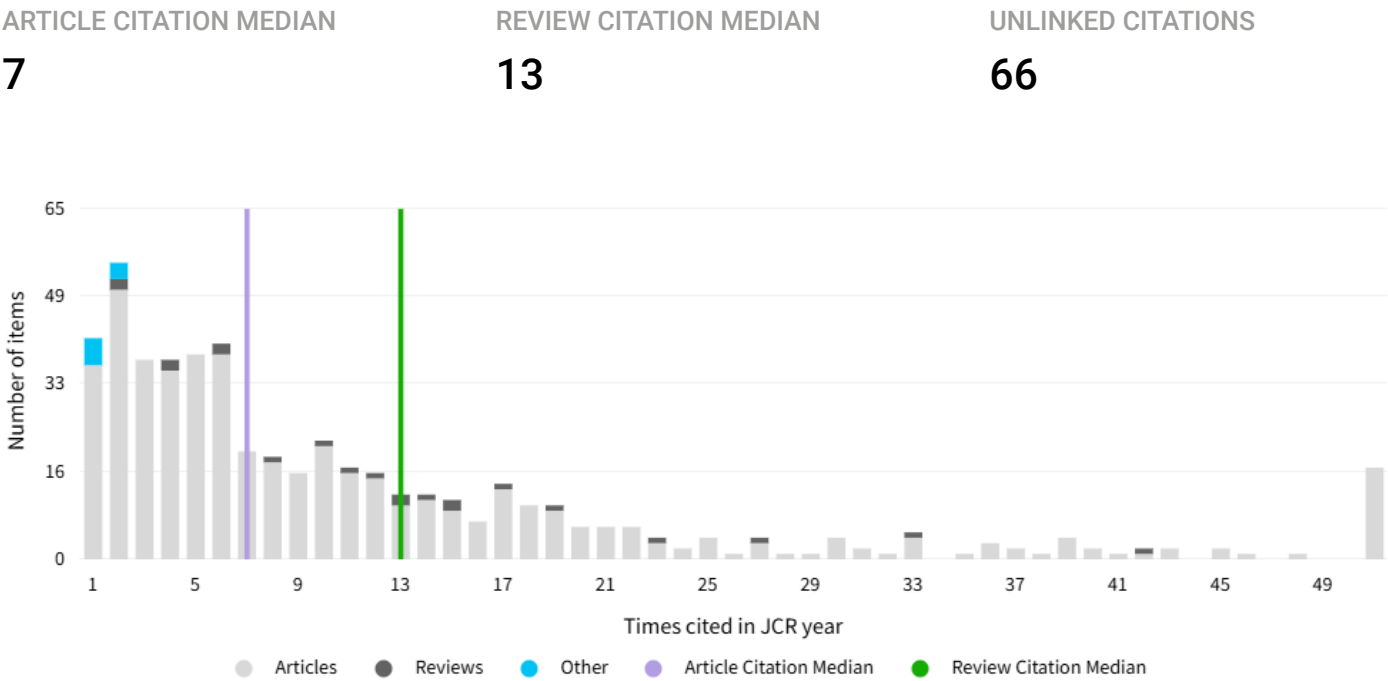
16,227

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](#)



0 times cited



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

841

% OF CITABLE OA

26.99%

CITABLE

GOLD OPEN ACCESS

227 / 26.49%

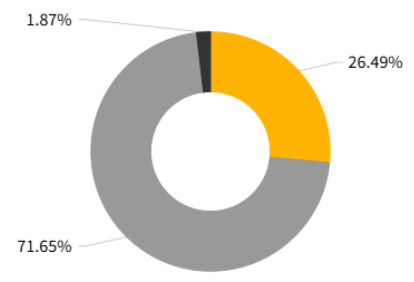
SUBSCRIPTION OR BRONZE

614 / 71.65%

NON-CITABLE

OTHER (NON-CITABLE ITEMS)

16 / 1.87%



Citations*

TOTAL CITABLE

7,236

% OF CITABLE OA

21.93%

CITABLE

GOLD OPEN ACCESS

1,587 / 21.66%

SUBSCRIPTION OR BRONZE

5,649 / 77.09%

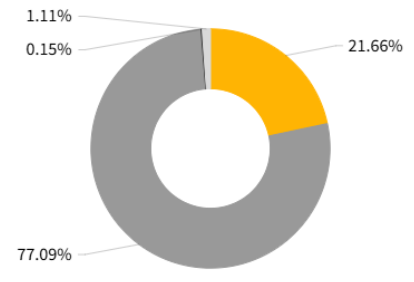
NON-CITABLE

OTHER (NON-CITABLE ITEMS)

11 / 0.15%

UNLINKED CITATIONS

81 / 1.11%



* Citations in 2024 to items published in (2022-2024)

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

SOCIAL ISSUES

2/68

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2024	2/68	Q1	97.8	<div></div>
2023	2/67	Q1	97.8	<div></div>

Rank by JIF before 2023 for SOCIAL ISSUES

EDITION

Social Sciences Citation Index (SSCI)

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2022	3/44	Q1	94.3	<div></div>
2021	3/44	Q1	94.32	<div></div>
2020	4/44	Q1	92.05	<div></div>
2019	10/44	Q1	78.41	<div></div>
2018	17/42	Q2	60.71	<div></div>
2017	N/A	N/A	N/A	<div></div>
2016	N/A	N/A	N/A	<div></div>
2015	N/A	N/A	N/A	<div></div>
2014	N/A	N/A	N/A	<div></div>
2013	N/A	N/A	N/A	<div></div>
2012	N/A	N/A	N/A	<div></div>
2011	N/A	N/A	N/A	<div></div>
2010	N/A	N/A	N/A	<div></div>
2009	N/A	N/A	N/A	<div></div>
2008	N/A	N/A	N/A	<div></div>
2007	N/A	N/A	N/A	<div></div>
2006	N/A	N/A	N/A	<div></div>
2005	N/A	N/A	N/A	<div></div>
2004	N/A	N/A	N/A	<div></div>
2003	N/A	N/A	N/A	<div></div>
2002	N/A	N/A	N/A	<div></div>
2001	N/A	N/A	N/A	<div></div>
2000	31/34	Q4	10.29	<div></div>
1999	34/34	Q4	1.47	<div></div>
1998	32/34	Q4	7.35	<div></div>

CATEGORY

SOCIAL SCIENCES, INTERDISCIPLINARY

2/271

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2024	2/271	Q1	99.4	<div></div>
2023	2/267	Q1	99.4	<div></div>

Rank by JIF before 2023 for SOCIAL SCIENCES, INTERDISCIPLINARY

EDITION

Social Sciences Citation Index (SSCI)

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2022	1/110	Q1	99.5	<div></div>
2021	3/112	Q1	97.77	<div></div>
2020	10/109	Q1	91.28	<div></div>
2019	20/108	Q1	81.94	<div></div>
2018	38/104	Q2	63.94	<div></div>
2017	N/A	N/A	N/A	<div></div>
2016	N/A	N/A	N/A	<div></div>
2015	N/A	N/A	N/A	<div></div>
2014	N/A	N/A	N/A	<div></div>
2013	N/A	N/A	N/A	<div></div>
2012	N/A	N/A	N/A	<div></div>
2011	N/A	N/A	N/A	<div></div>
2010	N/A	N/A	N/A	<div></div>
2009	N/A	N/A	N/A	<div></div>
2008	N/A	N/A	N/A	<div></div>
2007	N/A	N/A	N/A	<div></div>
2006	N/A	N/A	N/A	<div></div>
2005	N/A	N/A	N/A	<div></div>
2004	N/A	N/A	N/A	<div></div>
2003	N/A	N/A	N/A	<div></div>
2002	N/A	N/A	N/A	<div></div>
2001	N/A	N/A	N/A	<div></div>
2000	N/A	N/A	N/A	<div></div>
1999	N/A	N/A	N/A	<div></div>

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE		JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
1997	28/33	Q4	16.67	<div><div></div></div>	1998	N/A	N/A	N/A	<div></div>
					1997	N/A	N/A	N/A	<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

SOCIAL ISSUES

2/68

JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2024	2/68	Q1	97.79	<div></div>
2023	1/67	Q1	99.25	<div></div>
2022	1/66	Q1	99.24	<div></div>
2021	3/63	Q1	96.03	<div></div>
2020	3/64	Q1	96.09	<div></div>
2019	9/64	Q1	86.72	<div></div>
2018	12/64	Q1	82.03	<div></div>
2017	14/64	Q1	78.91	<div></div>

CATEGORY

SOCIAL SCIENCES, INTERDISCIPLINARY

1/271

JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2024	1/271	Q1	99.82	<div></div>
2023	1/267	Q1	99.81	<div></div>
2022	3/265	Q1	99.06	<div></div>
2021	5/264	Q1	98.30	<div></div>
2020	11/255	Q1	95.88	<div></div>
2019	25/255	Q1	90.39	<div></div>
2018	42/251	Q1	83.47	<div></div>
2017	46/241	Q1	81.12	<div></div>

Citing titles in all years

TECHNOLOGY IN SOCIETY

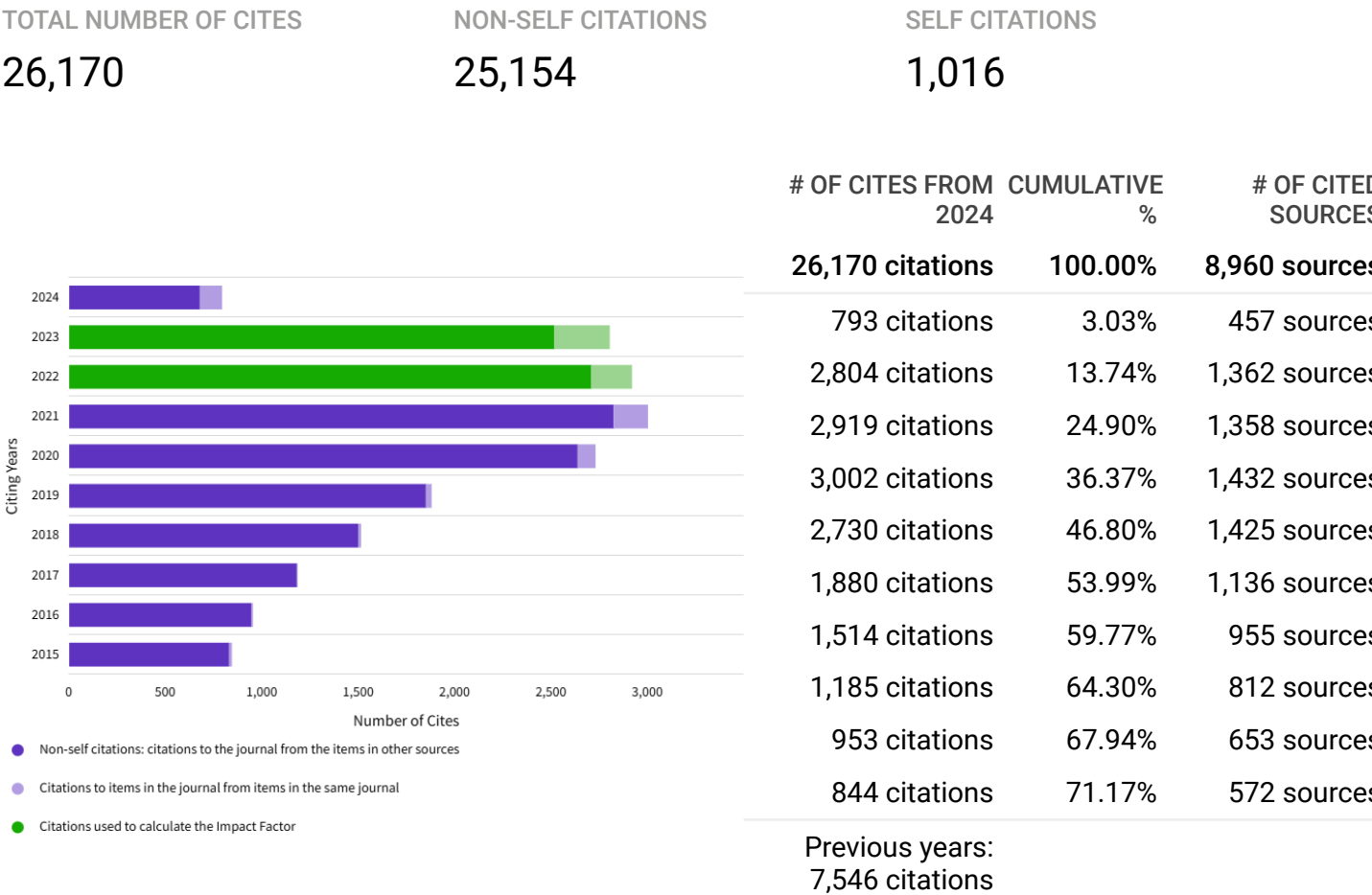
	SOURCE NAME	COUNT
	All Others	1,390
1	TECHNOLOGY IN SOCIETY	1,016
2	Sustainability	631
3	TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	354
4	Heliyon	285
5	Journal of Cleaner Production	205
6	Humanities & Social Sciences Communications	202
7	Journal of Environmental Management	183
8	PLoS One	183
9	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION	178
10	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	164
11	J KNOWL ECON	147
12	SAGE Open	147
13	Journal of Retailing and Consumer Services	125
14	Cogent Business & Management	115
15	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	112
16	Education and Information Technologies	91
17	IEEE Access	90
18	SUSTAINABLE DEVELOPMENT	90
19	Economic Analysis and Policy	89
20	Finance Research Letters	89

Showing 1 - 20 rows of 1408 total (use export in the relevant section to download the full table)

Citing Half-life

5.4 years

The Citing Half-Life is the median age of items in other publications cited by this journal in the JCR year.



Cited titles in all years

TECHNOLOGY IN SOCIETY

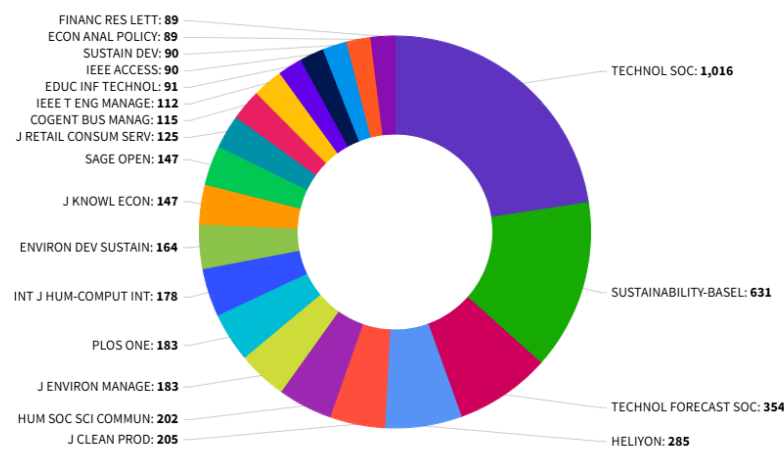
	SOURCE NAME	COUNT
	All Others	6,743
1	TECHNOLOGY IN SOCIETY	1,016
2	TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	611
3	Journal of Business Research	356
4	Journal of Cleaner Production	297
5	RESEARCH POLICY	282
6	COMPUTERS IN HUMAN BEHAVIOR	241
7	Sustainability	224
8	MIS QUARTERLY	148
9	INTERNATIONAL JOURNAL OF INFORMATION MANAGEMENT	146
10	Journal of Retailing and Consumer Services	139
11	TECHNOVATION	139
12	STRATEGIC MANAGEMENT JOURNAL	137
13	Energy Policy	134
14	RESOUR POLICY	107
15	JOURNAL OF BUSINESS ETHICS	91
16	Energy Economics	88
17	TELEMATICS AND INFORMATICS	88
18	ENVIRON SCI POLLUT R	86
19	INFORMATION & MANAGEMENT	86
20	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	82

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Journal Citation Relationships

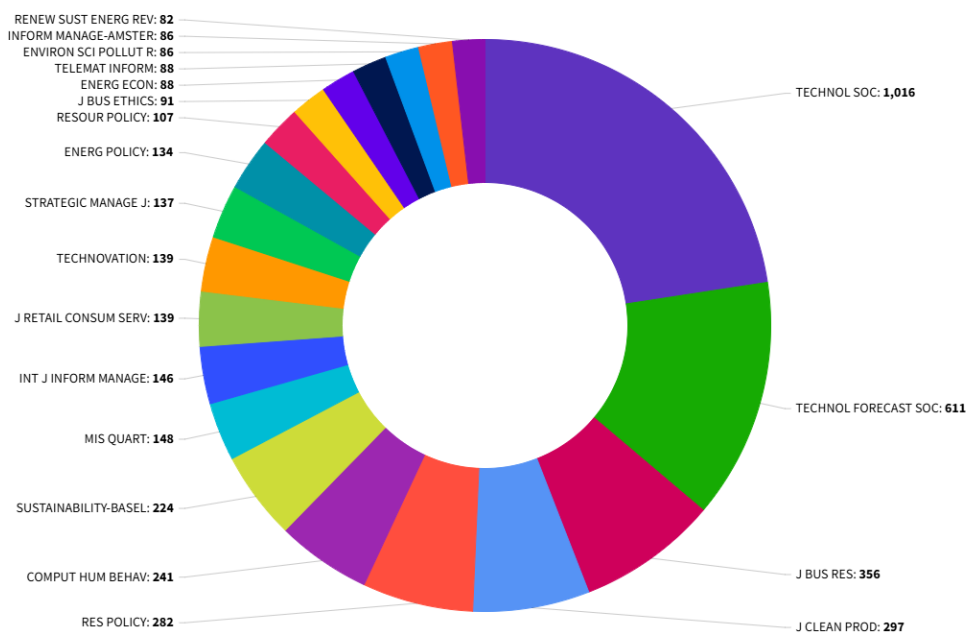
Cited Data

Top 20 journals citing TECHNOL SOC by number of citations



Citing Data

Top 20 journals cited by TECHNOL SOC 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](#)

307 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2024 (A)	302	5	307	2	99%
NUMBER OF REFERENCES (B)	25,754	415	26,169	1	100%
RATIO (B/A)	85.3	83.0	85.2	0.5	

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

98.6

SOCIAL ISSUES

97.8

SOCIAL SCIENCES,
INTERDISCIPLINARY

99.4

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	CHAOYANG UNIVERSITY OF TECHNOLOGY	21	<div></div>
-	PORTLAND STATE UNIVERSITY	21	<div></div>
3	CHINESE ACADEMY OF SCIENCES	15	<div></div>
4	PEPPERDINE UNIVERSITY	12	<div></div>
-	STATE UNIVERSITY SYSTEM OF FLORIDA	12	<div></div>
6	JILIN UNIVERSITY	10	<div></div>
-	UNIVERSITI SAINS MALAYSIA	10	<div></div>
-	VTT TECHNICAL RESEARCH CENTER FINLAND	10	<div></div>

Showing 1 - 8 rows of 1295 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	241	<div></div>
2	USA	127	<div></div>
3	ENGLAND	70	<div></div>
4	INDIA	47	<div></div>
-	SOUTH KOREA	47	<div></div>
6	GERMANY (FED REP GER)	46	<div></div>
7	ITALY	43	<div></div>
8	TURKIYE	42	<div></div>

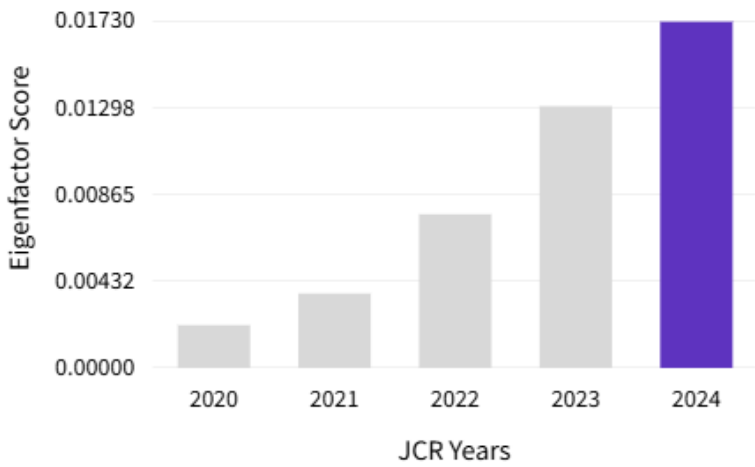
Showing 1 - 8 rows of 97 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.01730

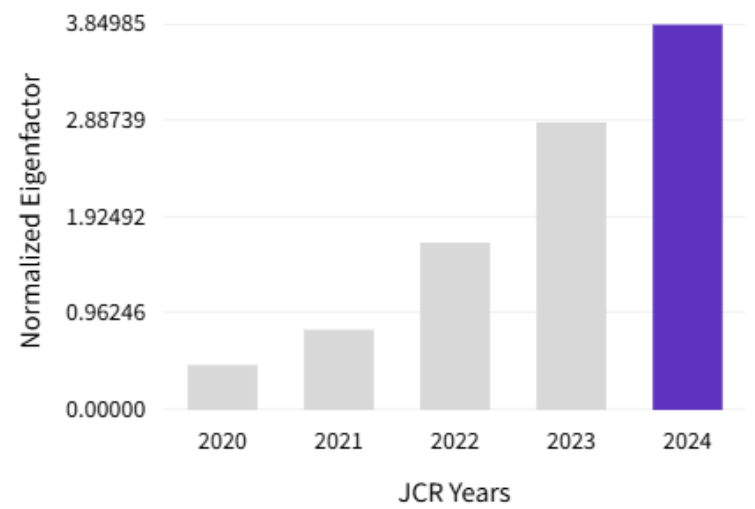
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

3.84985

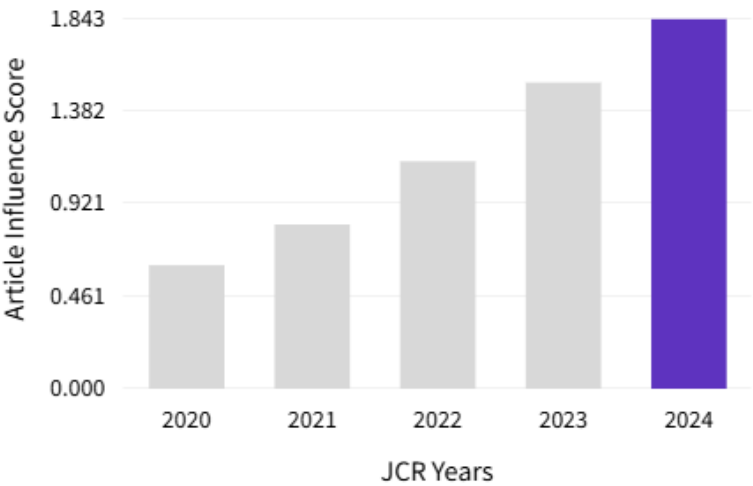
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

1.843

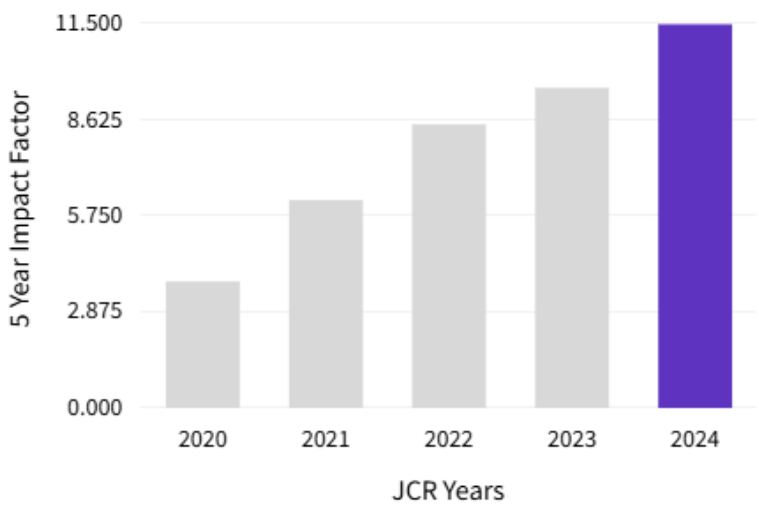
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.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



5 year Impact Factor

11.5

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

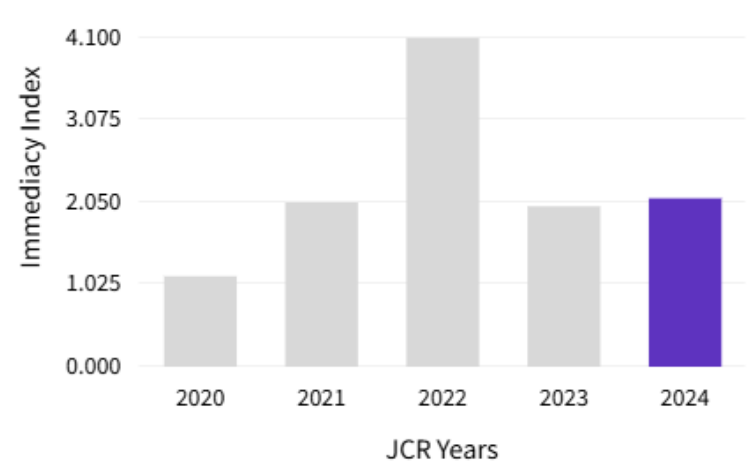
Citations in 2024 to items published in [2019-2023] (13,697)				
<hr/>				
Number of citable items in [2019-2023] (1,188)	=	$\frac{13,697}{1,188}$	=	11.5

Immediacy Index

2.1

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 2024 to items published in [2024]				
		645		
<hr/>				
Number of citable items published in [2024]	=	307	=	2.1