


2022 Journal Performance Data for: ACTA CRYSTALLOGRAPHICA SECTION E- STRUCTURE REPORTS ONLINE

 Open Access since 2008

ISSN	EISSN
2056-9890	2056-9890
JCR ABBREVIATION	ISO ABBREVIATION
ACTA CRYSTALLOGR E	Acta Crystallogr. Sect. E- Crystallogr. Commun.

Journal Information

EDITION	CATEGORY	
Emerging Sources Citation Index (ESCI)	CRYSTALLOGRAPHY - ESCI	
LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
English	ENGLAND	2003

Publisher Information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
INT UNION CRYSTALLOGRAPHY	2 ABBEY SQ, CHESTER CH1 2HU, ENGLAND	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](#)

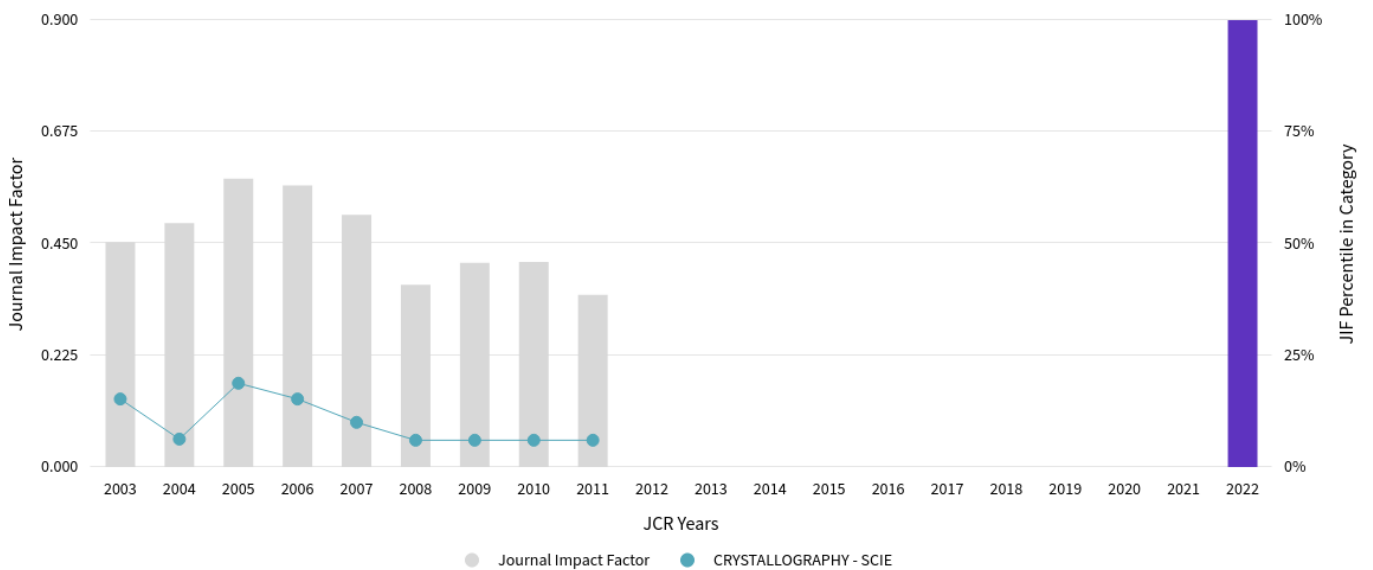
2022 JOURNAL IMPACT FACTOR

0.9

2022 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

0.6

Journal Impact Factor Trend 2022



Journal Impact Factor is calculated using the following metrics


$$\frac{\text{Citations in 2022 to items published in 2020 (419) - 2021 (149)}}{\text{Number of citable items in 2020 (362) + 2021 (262)}} = \frac{568}{624} = 0.9$$

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

$$\frac{\text{Citations in 2022 to items published in 2020 (419) + 2021 (149) - Self Citations in 2022 to items published in 2020 (133) + 2021 (58)}}{\text{Number of citable items in 2020 (362) + 2021 (262)}} = \frac{568 - 191}{624} = 0.6$$

Journal Impact Factor Contributing Items

Citable Items (624)

TITLE	CITATION COUNT
checkCIF validation ALERTS: what they mean and how to respond Authors: Spek, Anthony L. Volume: 76 Accession number: WOS:000505956900001 Document Type: Article	196 
Crystal structure, DFT and Hirshfeld surface analysis of (E)-N'-[(1-chloro-3,4-dihydronaphthalen-2-yl)methylidene]benzohydrazide monohydrate Authors: Arjun, H. A.;Kumar, G. N. Anil;Elancheran, R.;Kabilan, S. Volume: 76 Accession number: WOS:000512329700003 Document Type: Article	13 
Crystal structure of (R)-5-[(R)-3-(4-chlorophenyl)-5methyl-4,5-dihydroisoxazol-5-yl]-2-methylcyclohex-2-enone Authors: Oubella, Ali;Itto, My Youssef Ait;Auhmani, Aziz;Riahi, Abdelkhalek;Daran, Jean-Claude;Auhmani, Abdelwahed Volume: 76 Accession number: WOS:000518844900021 Document Type: Article	8 
Crystal structures of the recreational drug N-(4-methoxyphenyl)piperazine (MeOPP) and three of its salts Authors: Kumar, Haruvegowda Kiran;Yathirajan, Hemmige S.;Chinthal, Chayanna Harish;Foro, Sabine;Glidewell, Christopher Volume: 76 Accession number: WOS:000524115100006 Document Type: Article	7 
Synthesis, crystal structure, DFT calculations and Hirshfeld surface analysis of 3-butyl-2,6-bis(4-fluorophenyl)piperidin-4-one Authors: Anitha, K.;Sivakumar, S.;Arulraj, R.;Rajkumar, K.;Kaur, Manpreet;Jasinski, Jerry P. Volume: 76 Accession number: WOS:000533786100011 Document Type: Article	7 

Showing 1-5 rows of 624 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (131)

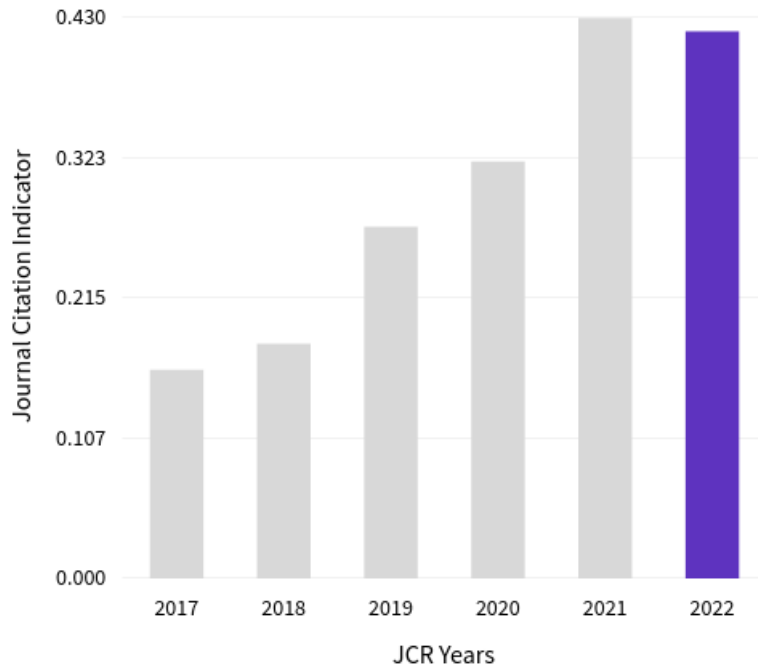
SOURCE NAME	COUNT
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS	190
JOURNAL OF MOLECULAR STRUCTURE	49
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY	29
ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES	17
CRYSTENGGCOMM	12
MOLECULES	10
CRYSTALS	9
ACS OMEGA	8
ACTA CRYSTALLOGRAPHICA SECTION B-STRUCTURAL SCIENCE CRYSTAL ENGINEERING AND MATERIALS	8
DALTON TRANSACTIONS	8
HELIYON	8
MOLBANK	7
RSC ADVANCES	7
INORGANIC CHEMISTRY	5
MOLECULAR CRYSTALS AND LIQUID CRYSTALS	5
NEW JOURNAL OF CHEMISTRY	5
POLYHEDRON	5
CRYSTAL GROWTH & DESIGN	4
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	4
INORGANIC CHEMISTRY COMMUNICATIONS	4

Showing 1-20 rows of 131 total (use export in the relevant section to download the full table)

Journal Citation Indicator (JCI)

0.42

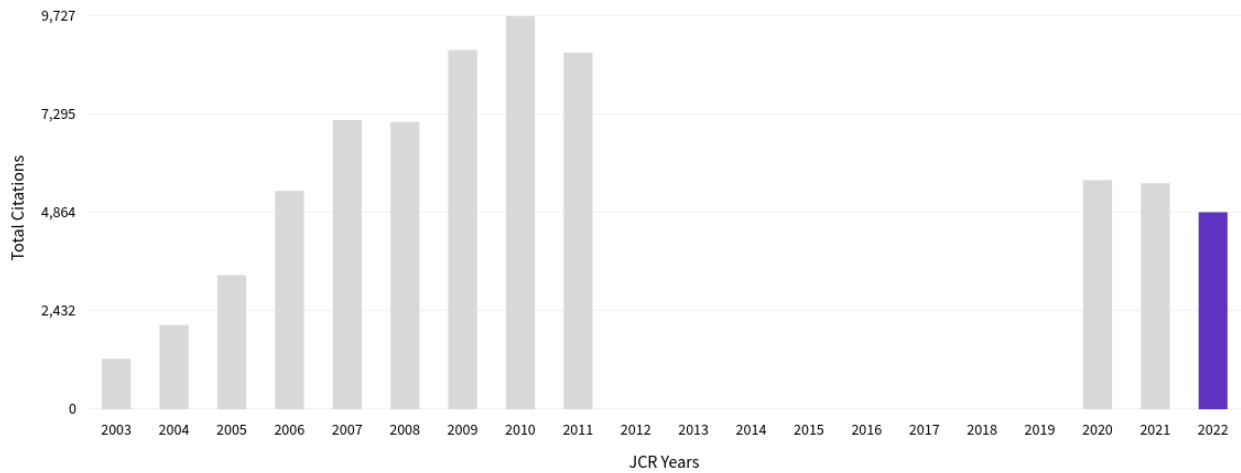
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

4,877

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

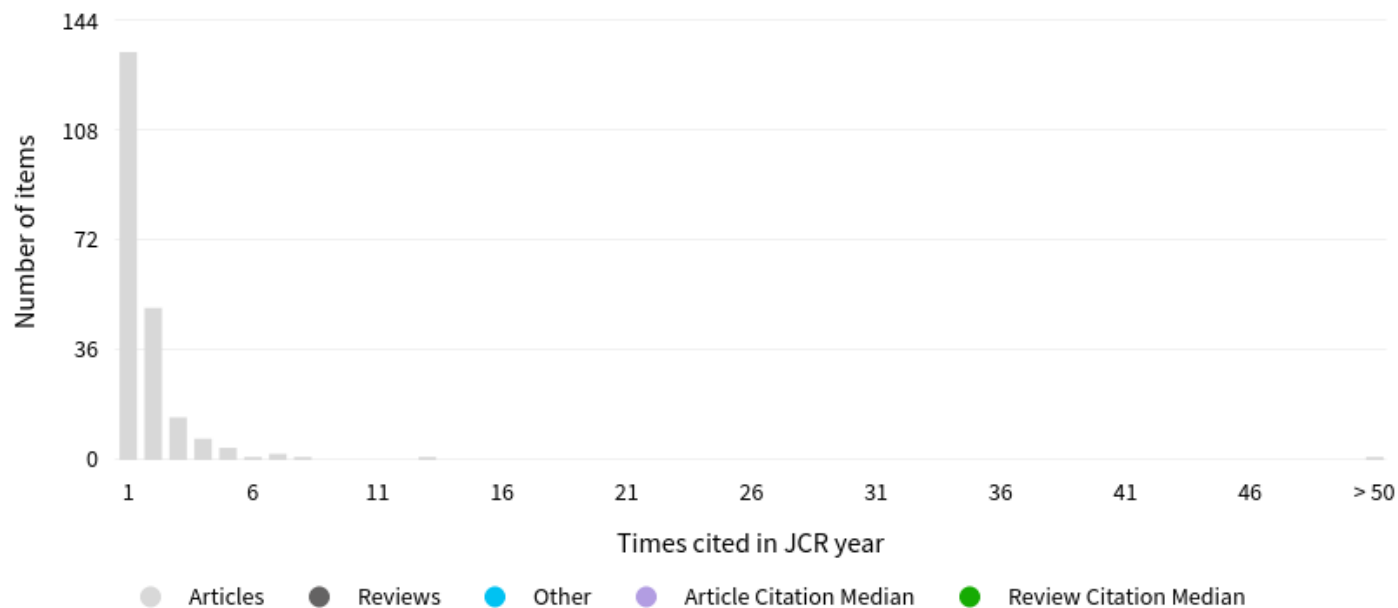
0

REVIEW CITATION MEDIAN

N/A

UNLINKED CITATIONS

7



0 times cited

ARTICLES

409

REVIEWS

0

OTHER

5

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 % OF CITABLE OA

876 **97.60%**

CITABLE

● GOLD OPEN ACCESS

855 / 96.28%

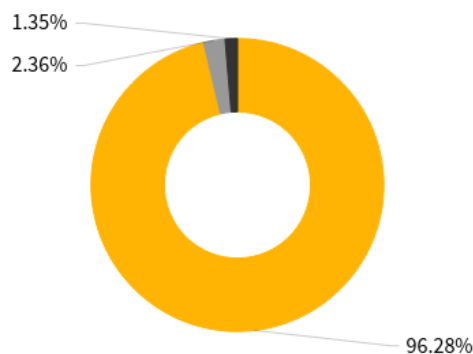
● SUBSCRIPTION OR BRONZE

21 / 2.36%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

12 / 1.35%



Citations*

TOTAL CITABLE % OF CITABLE OA

651 **99.23%**

CITABLE

● GOLD OPEN ACCESS

646 / 97.29%

● SUBSCRIPTION OR BRONZE

5 / 0.75%

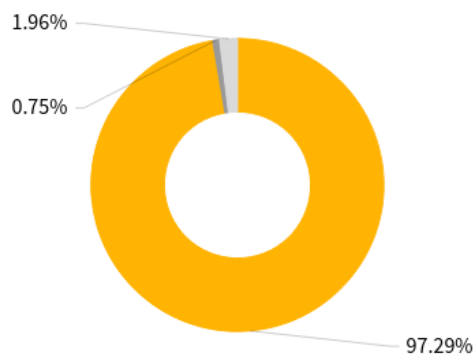
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%

● UNLINKED CITATIONS

13 / 1.96%



* Citations in 2022 to items published in (2020-2022)

Rank by Journal Impact factor

Note: While journals indexed in AHCI and ESCI are receiving a JIF for the first time in June 2023, they will not receive ranks, quartiles, or percentiles until the release of 2023 data in June 2024. [Learn more](#)

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

CRYSTALLOGRAPHY

N/A

JCR YEAR	JIF RANK	QUARTILE	JIF PERCENTILE	
2022	N/A	N/A	N/A	<input type="text"/>
2021	N/A	N/A	N/A	<input type="text"/>
2020	N/A	N/A	N/A	<input type="text"/>
2019	N/A	N/A	N/A	<input type="text"/>
2018	N/A	N/A	N/A	<input type="text"/>
2017	N/A	N/A	N/A	<input type="text"/>
2016	N/A	N/A	N/A	<input type="text"/>
2015	N/A	N/A	N/A	<input type="text"/>
2014	N/A	N/A	N/A	<input type="text"/>
2013	N/A	N/A	N/A	<input type="text"/>
2012	N/A	N/A	N/A	<input type="text"/>
2011	24/25	Q4	6.00	<input type="text"/>
2010	24/25	Q4	6.00	<input type="text"/>
2009	24/25	Q4	6.00	<input type="text"/>
2008	24/25	Q4	6.00	<input type="text"/>
2007	23/25	Q4	10.00	<input type="text"/>
2006	20/23	Q4	15.22	<input type="text"/>
2005	20/24	Q4	18.75	<input type="text"/>
2004	23/24	Q4	6.25	<input type="text"/>
2003	20/23	Q4	15.22	<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

CRYSTALLOGRAPHY

23/33

JCR YEAR	JCI RANK	QUARTILE	JCI PERCENTILE	
2022	23/33	Q3	31.82	
2021	20/33	Q3	40.91	
2020	23/33	Q3	31.82	
2019	26/33	Q4	22.73	
2018	28/32	Q4	14.06	
2017	28/31	Q4	11.29	

Citation network

Cited Half-life

11.8 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

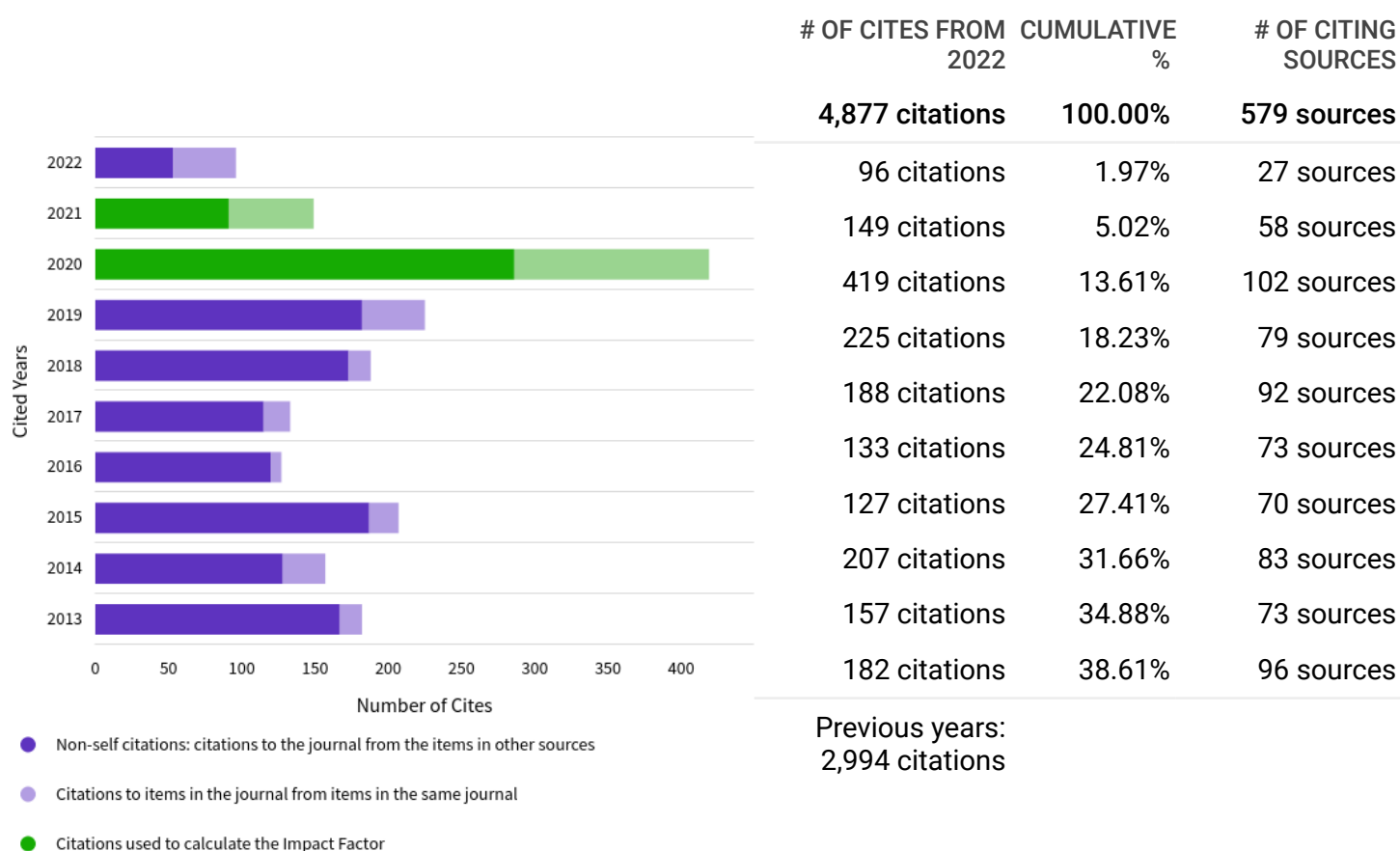
4,877

NON-SELF CITATIONS

4,287

SELF CITATIONS

590



Citing titles in all years

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE

	SOURCE NAME	COUNT
	All Others	262
1	ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE	590
2	Journal of Molecular Structure	562
3	ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES	187
4	MOLECULES	147
5	POLYHEDRON	129
6	Crystals	117
7	CRYSTENGGCOMM	96
8	DALTON TRANSACTIONS	87
9	CRYSTAL GROWTH & DESIGN	79
10	ACS Omega	72
11	INORGANIC CHEMISTRY	62
12	ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY	58
13	INORGANICA CHIMICA ACTA	56
14	ChemistrySelect	53
15	POLYCYCLIC AROMATIC COMPOUNDS	52
16	NEW JOURNAL OF CHEMISTRY	47
17	JOURNAL OF SOLID STATE CHEMISTRY	46
18	JOURNAL OF MOLECULAR LIQUIDS	44
19	RSC Advances	44
20	COORDINATION CHEMISTRY REVIEWS	41

Showing 1 - 20 rows of 310 total (use export in the relevant section to download the full table)

Citing Half-life

8.5 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

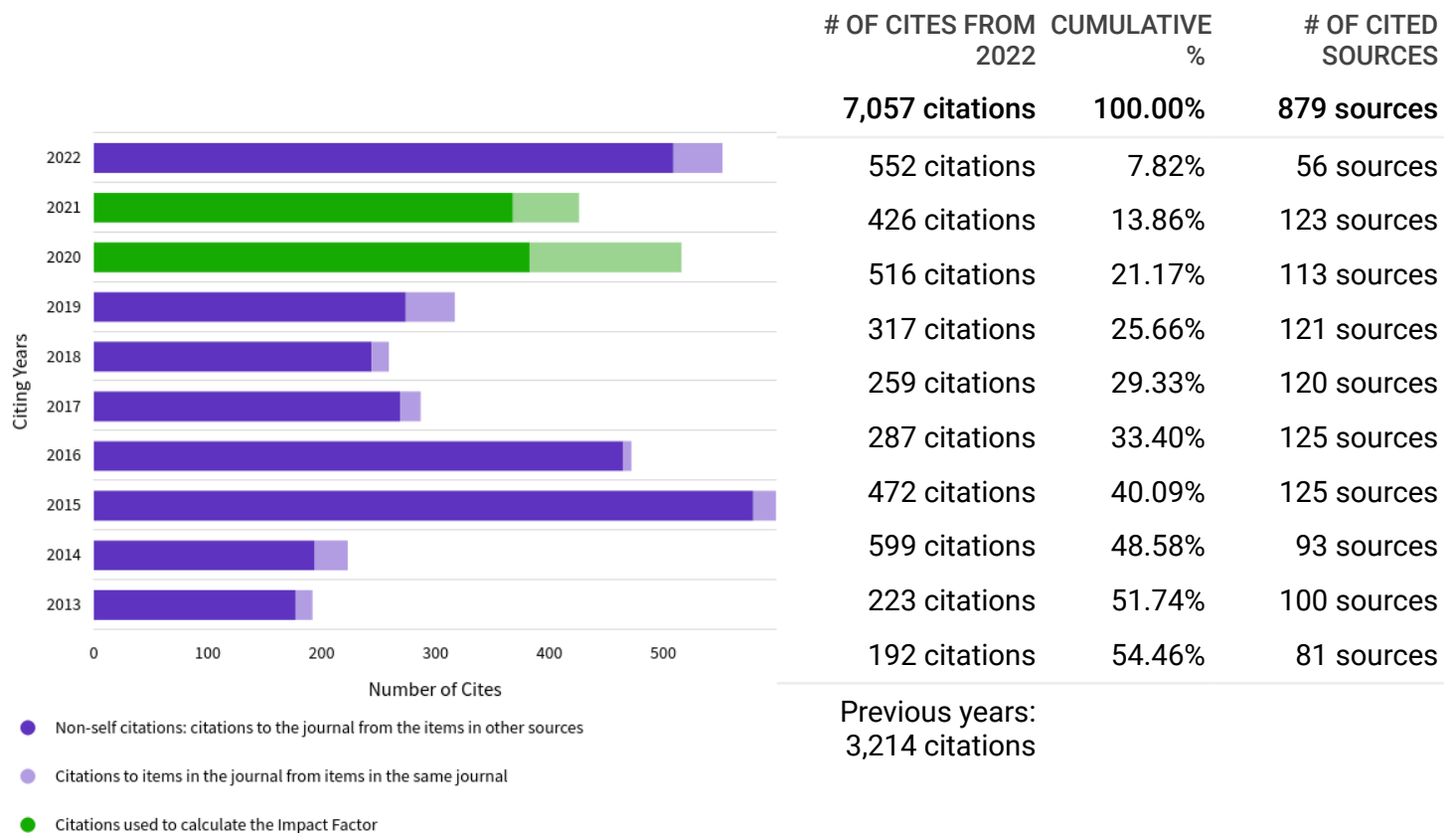
7,057

NON-SELF CITATIONS

6,467

SELF CITATIONS

590



Cited titles in all years

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE

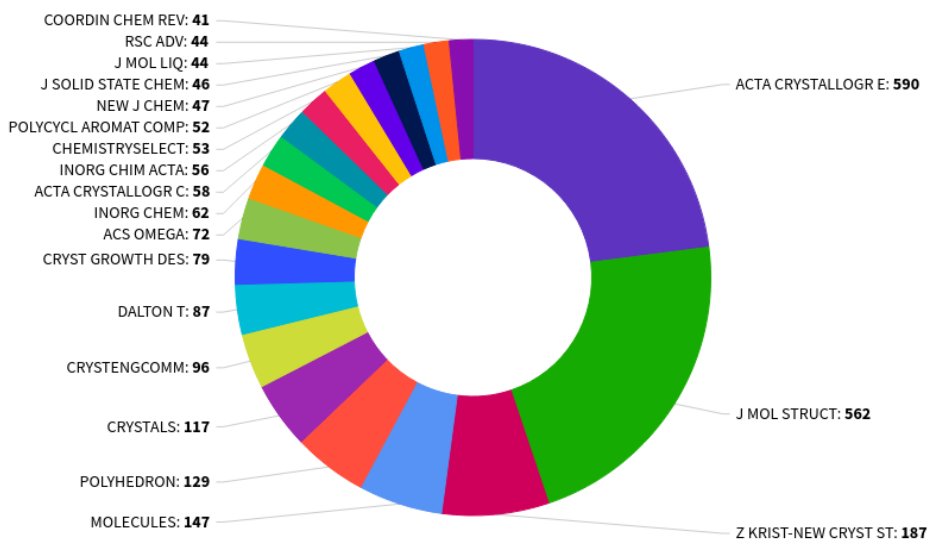
	SOURCE NAME	COUNT
	All Others	495
1	ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE	590
2	JOURNAL OF APPLIED CRYSTALLOGRAPHY	535
3	Acta Crystallographica Section B-Structural Science Crystal Engineering and Materials	387
4	ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY	369
5	Acta Crystallographica A-Foundation and Advances	205
6	INORGANIC CHEMISTRY	166
7	Journal of the American Chemical Society	153
8	DALTON TRANSACTIONS	148
9	CRYSTENGGCOMM	146
10	Journal of Molecular Structure	108
11	CHEMICAL COMMUNICATIONS	99
12	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	85
13	CHEMISTRY-A EUROPEAN JOURNAL	81
14	COORDINATION CHEMISTRY REVIEWS	80
15	POLYHEDRON	80
16	ORGANOMETALLICS	71
17	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	65
18	INORGANICA CHIMICA ACTA	65
19	CHEMICAL REVIEWS	62
20	CRYSTAL GROWTH & DESIGN	61

Showing 1 - 20 rows of 261 total (use export in the relevant section to download the full table)

Journal Citation Relationships

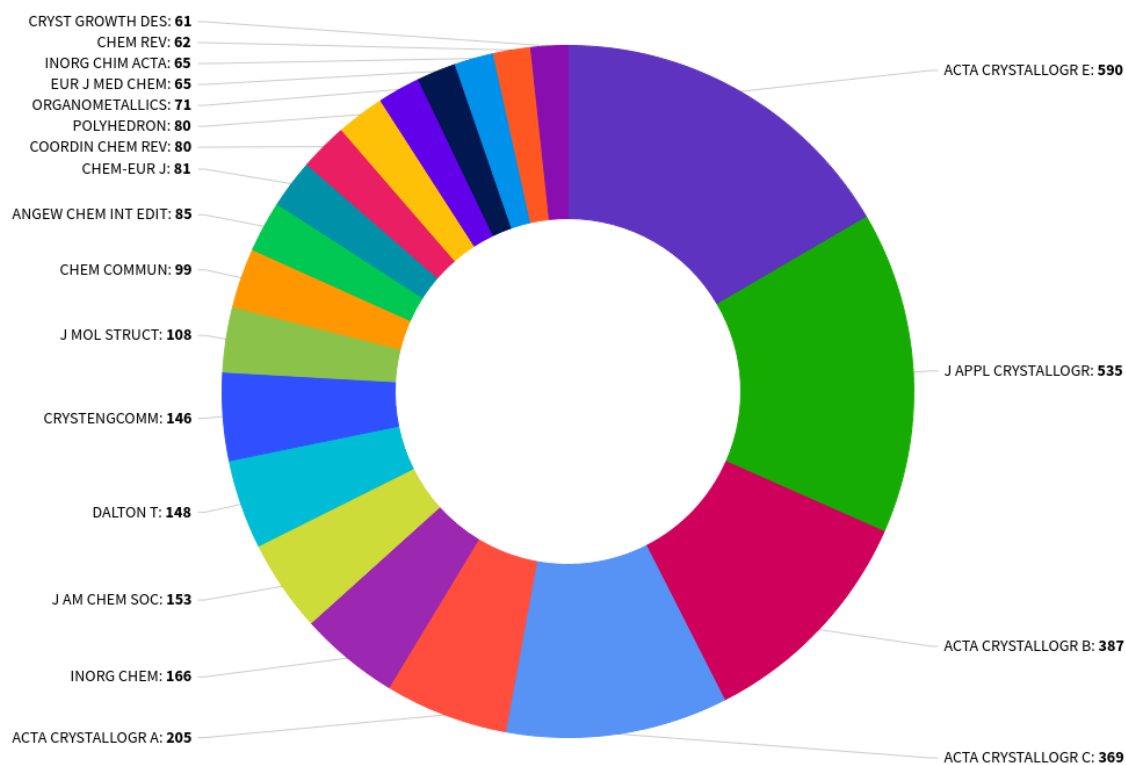
Cited Data

Top 20 journals citing ACTA CRYSTALLOGR E by number of citations



Citing Data

Top 20 journals cited by ACTA CRYSTALLOGR E 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](#)

252 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2022 (A)	252	0	252	7	97%
NUMBER OF REFERENCES (B)	7,017	0	7,017	40	99%
RATIO (B/A)	27.8	N/A	27.8	5.7	

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	ERCIYES UNIVERSITY	73	
2	MINISTRY OF EDUCATION & SCIENCE OF UKRAINE	62	
3	RUSSIAN ACADEMY OF SCIENCES	45	
4	MINISTRY OF EDUCATION OF AZERBAIJAN REPUBLIC	44	
5	MOHAMMED V UNIVERSITY IN RABAT	42	
-	TULANE UNIVERSITY	42	
7	NATIONAL ACADEMY OF SCIENCES UKRAINE	38	
8	PEOPLES FRIENDSHIP UNIVERSITY OF RUSSIA	35	

Showing 1 - 8 rows of 656 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	USA	229	
2	Turkey	136	
3	GERMANY (FED REP GER)	121	
4	India	103	
5	Ukraine	80	
6	Yemen	54	
7	Morocco	53	
8	Russia	51	

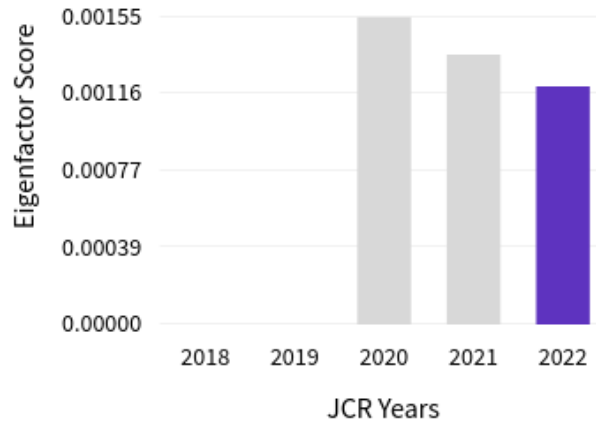
Showing 1 - 8 rows of 81 total (use export in the relevant section to download the full table)

Additional metrics

Eigenfactor score

0.00120

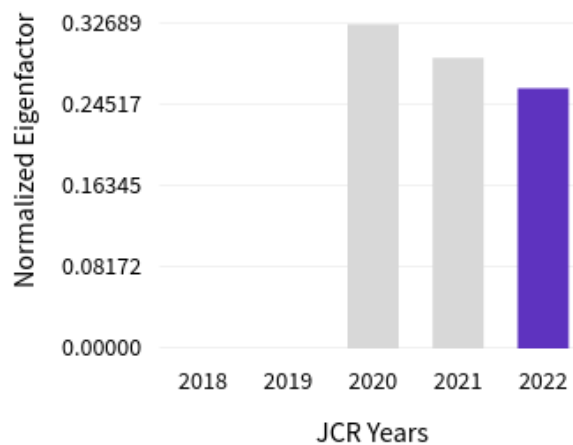
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.26213

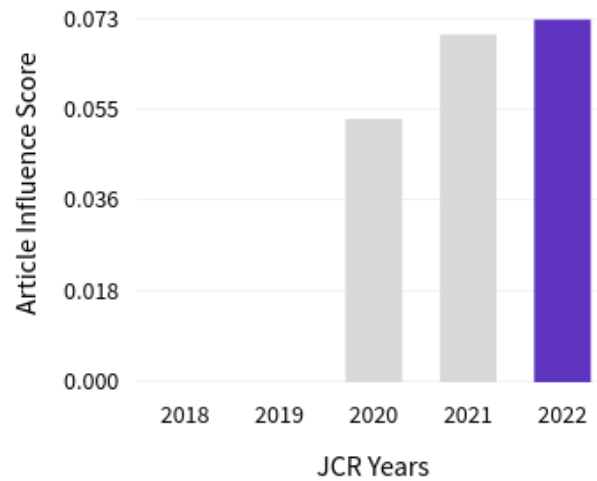
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1. [Learn more](#)



Article influence score

0.073

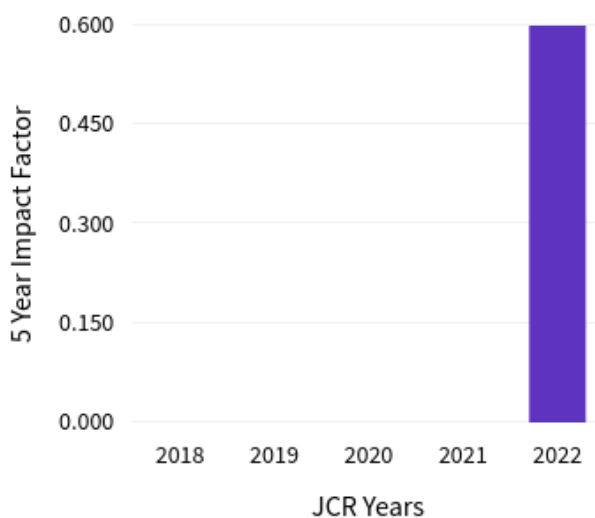
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.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



5 year Impact Factor

0.6

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

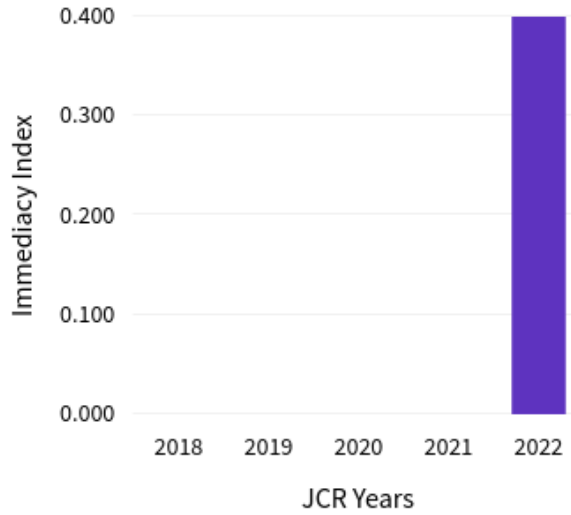
Citations in 2022 to items published in [2017-2021] (1,114)	=	$\frac{1,114}{1,878}$	=	0.6
Number of citable items in [2017-2021] (1,878)				

Immediacy Index

0.4

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 2022 to items published in 2022	96	
<hr/>		96 / 252 = 0.4
Number of items published in 2022	252	