

2021 Journal Performance Data for: NEUROCIRUGIA

ISSN	EISSN
1130-1473	2340-6305
JCR ABBREVIATION	ISO ABBREVIATION
NEUROCIRUGIA	Neurocirugia

Journal Information

EDITION	CATEGORY	
Science Citation Index Expanded (SCIE)	NEUROSCIENCES - SCIE SURGERY - SCIE	
LANGUAGES	REGION	1ST ELECTRONIC JCR YEAR
Spanish	SPAIN	1998

Publisher Information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
ELSEVIER ESPANA SLU	AV JOSEP TARRADELLAS, 20-30, 1ERA PLANTA, BARCELONA CP-08029, SPAIN	6 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.

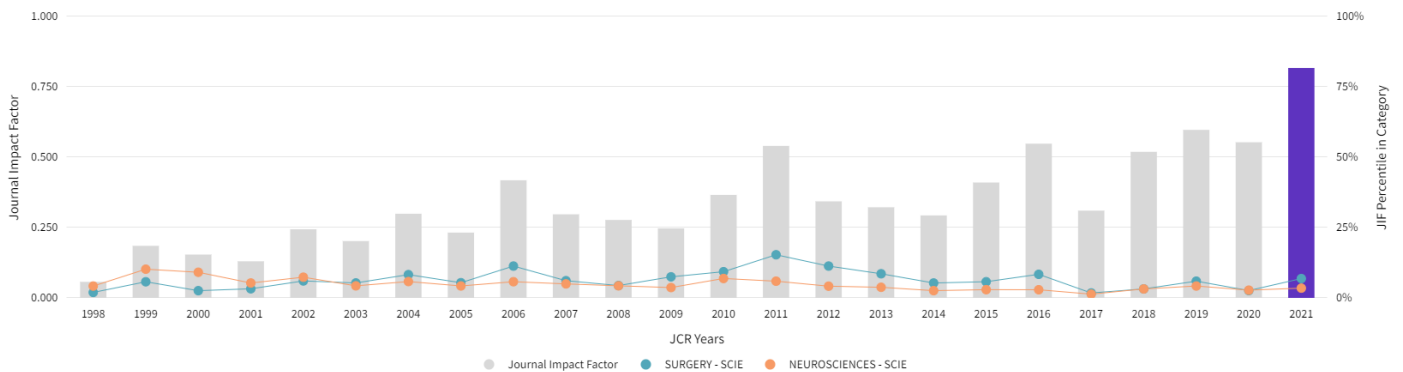
2021 JOURNAL IMPACT FACTOR

0.817

2021 JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS

0.780

Journal Impact Factor Trend 2021



Journal Impact Factor is calculated using the following metrics

$$\frac{\text{Citations in 2021 to items published in 2019 (36) - 2020 (31)}}{\text{Number of citable items in 2019 (45) + 2020 (37)}} = \frac{67}{82} = 0.817$$

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

$$\frac{\text{Citations in 2021 to items published in 2019 (36) + 2020 (31) - Self Citations in 2021 to items published in 2019 (0) + 2020 (3)}}{\text{Number of citable items in 2019 (45) + 2020 (37)}} = \frac{67 - 3}{82} = 0.780$$

Journal Impact Factor Contributing Items

Citable Items (82)

TITLE	CITATION COUNT
<p>Intrathecal baclofen as a treatment for spasticity: Review of the cases treated in our hospital Authors: Maria Santin-Amo, Jose;Flores-Justa, Ana;Roman-Pena, Paula;Raposo-Furelos, Martin;Frieiro-Dantas, Carla;Serramito Garcia, Ramon;Manuel Villa, Juan;Gelabert-Gonzalez, Miguel Volume: 30 Accession number: WOS:000498476400004 Document Type: Review</p>	4
<p>Postoperative CSF leakages after transsphenoidal surgery for pituitary adenomas: Analysis of a series of 302 surgical procedures Authors: Riesgo, Pedro;Piquer, Jose;Marino, Paz;Platero, Amparo;Tarazona, Francisco J.;Fajardo, Carmen;Llacer, Jose L.;Rovira, Vicente;Rodriguez, Ruben;Flor-Goikoetxea, Alain Volume: 30 Accession number: WOS:000486736200002 Document Type: Article</p>	3
<p>Hemangiopericytoma/Solitary Fibrous Tumor in the central nervous system. Experience with surgery and radiotherapy as a complementary treatment: A 10-year analysis of a heterogeneous series in a single tertiary center Authors: Miguel Gonzalez-Vargas, Pedro;de la Lama Zaragoza, Adolfo;Conde Alonso, Cesareo;Luis Thenier-Villa, Jose;Sanroman Alvarez, Pablo;Serantes Combo, Alexandre;Calero Felix, Lourdes;Galarraga Campoverde, Raul Alejandro;Azevedo Gonzalez, Eva;Martin-Gallego, Alvaro; et al. Volume: 31 Accession number: WOS:000510619100003 Document Type: Review</p>	2
<p>Intraoperative imaging in the neurosurgery operating theatre: A review of the most commonly used techniques for brain tumour surgery Authors: Tejada Solis, Sonia;de Quintana Schmidt, Cristian;Gonzalez Sanchez, Josep;Fernandez Portales, Ignacio;Del Alamo de Pedro, Marta;Rodriguez Berrocal, Victor;Diez Valle, Ricardo Volume: 31 Accession number: WOS:000545599000005 Document Type: Review</p>	2
<p>Spinal angioliipoma: Presentation of two cases and review of the literature for the years 2012-2017 Authors: Apostolakis, Sotirios;Karagianni, Aikaterini;Mitropoulos, Athanasios;Mantas, Constantinos;Mavridis, Ioannis;Filiis, Panagiotis;Eftychiadis, Christos;Vlachos, Konstantinos Volume: 31 Accession number: WOS:000518465600003 Document Type: Review</p>	2

Showing 1-5 rows of 82 total (use export in the relevant section to download the full table)

Journal Impact Factor Contributing Items

Citing Sources (55)

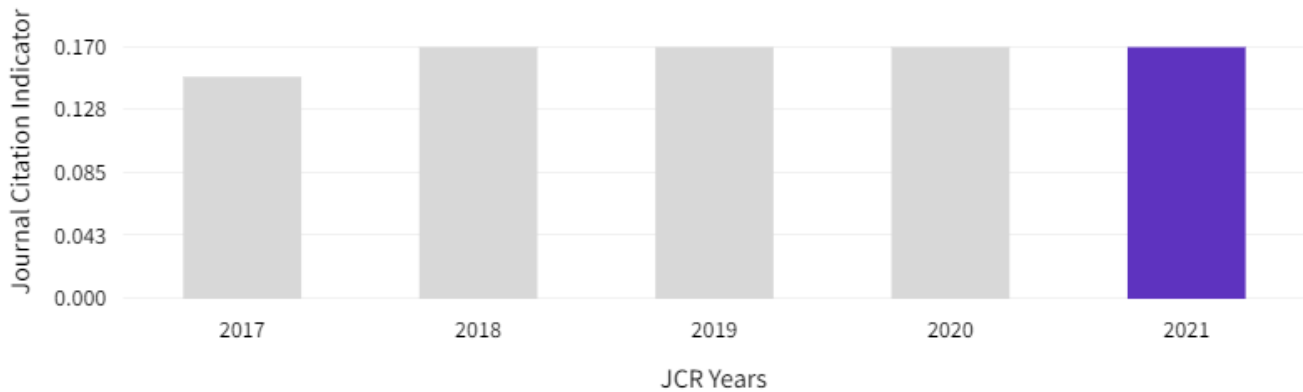
SOURCE NAME	COUNT
WORLD NEUROSURGERY	4
NEUROCIRUGIA	3
INTERDISCIPLINARY NEUROSURGERY-ADVANCED TECHNIQUES AND CASE MANAGEMENT	3
HEALTHCARE	2
BRAZILIAN NEUROSURGERY-ARQUIVOS BRASILEIROS DE NEUROCIRURGIA	2
GLOBAL SPINE JOURNAL	2
FRONTIERS IN NEUROLOGY	2
ACTA NEUROLOGICA BELGICA	2
CHILDS NERVOUS SYSTEM	1
ACTA CYTOLOGICA	1
BRITISH JOURNAL OF NEUROSURGERY	1
NEUROSURGICAL REVIEW	1
ARCHIVES OF HELLENIC MEDICINE	1
FOLIA MORPHOLOGICA	1
CLINICAL NEUROLOGY AND NEUROSURGERY	1
UNIVERSITAS MEDICA	1
BMC CANCER	1
REVISTA UNIVERSIDAD Y SOCIEDAD	1
APPLIED SCIENCES-BASEL	1
SKELETAL RADIOLOGY	1

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Journal Citation Indicator (JCI)

0.17

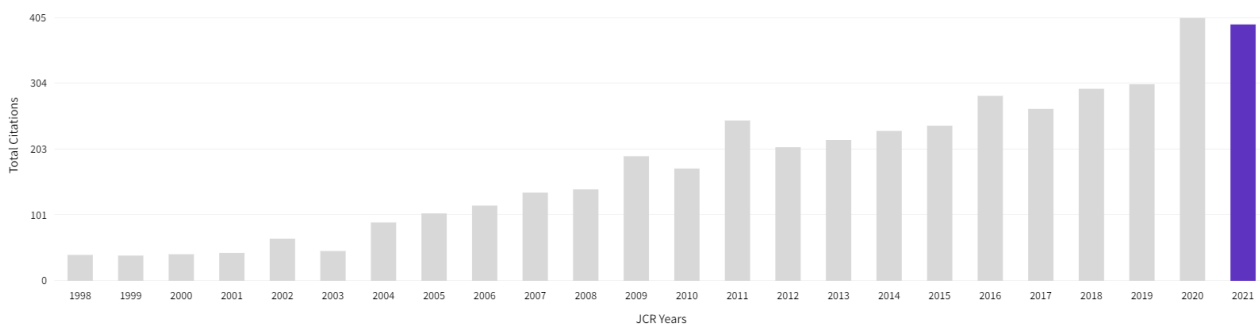
The Journal Citation Indicator (JCI) is the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in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



Total Citations

395

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.

ARTICLE CITATION MEDIAN

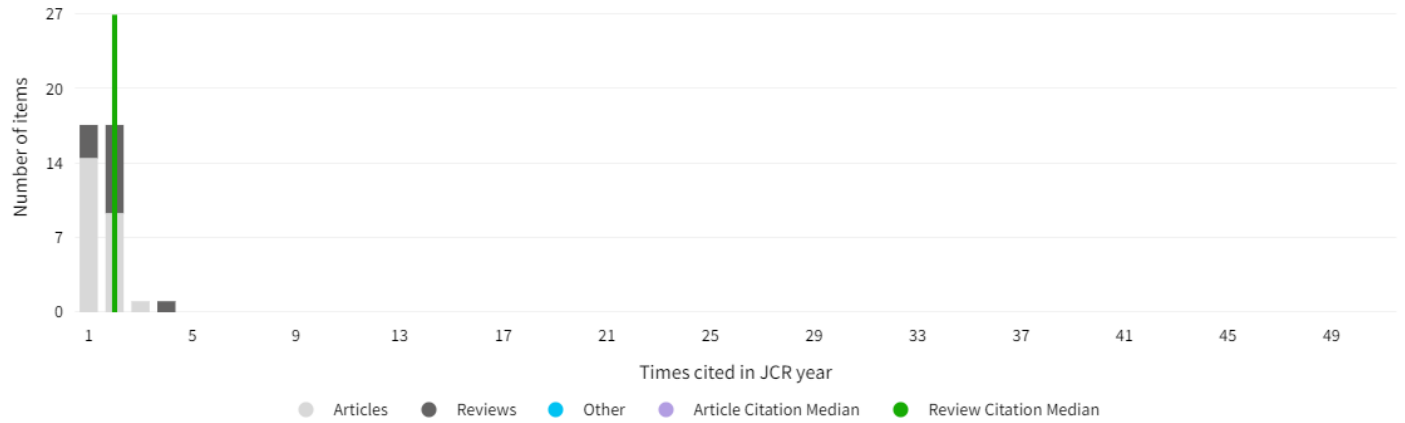
0

REVIEW CITATION MEDIAN

2

UNLINKED CITATIONS

9



0 times cited

ARTICLES

42

REVIEWS

4

OTHER

10

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. 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.

Items

TOTAL CITABLE

126

% OF CITABLE OA

0.00%

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

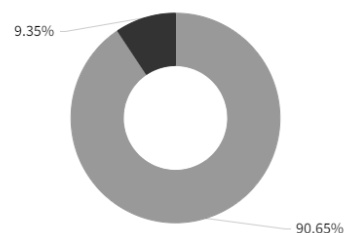
NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

13 / 9.35%

● SUBSCRIPTION OR BRONZE

126 / 90.65%



Citations*

TOTAL CITABLE

67

% OF CITABLE OA

0.00%

CITABLE

● GOLD OPEN ACCESS

0 / 0.00%

NON-CITABLE

● OTHER (NON-CITABLE ITEMS)

0 / 0.00%

● SUBSCRIPTION OR BRONZE

67 / 88.16%

● UNLINKED CITATIONS

9 / 11.84%



* Citations in 2021 to items published in (2019-2021)

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.

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

NEUROSCIENCES

265/274

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2021	265/274	Q4	3.47	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2020	266/273	Q4	2.75	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2019	261/272	Q4	4.23	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2018	259/267	Q4	3.18	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2017	258/261	Q4	1.34	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2016	252/259	Q4	2.90	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2015	249/256	Q4	2.93	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2014	246/252	Q4	2.58	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2013	243/252	Q4	3.77	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2012	242/252	Q4	4.17	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2011	230/244	Q4	5.94	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2010	223/239	Q4	6.90	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2009	223/231	Q4	3.68	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2008	212/221	Q4	4.30	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2007	201/211	Q4	4.98	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2006	189/200	Q4	5.75	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2005	192/200	Q4	4.25	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2004	187/198	Q4	5.81	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2003	190/198	Q4	4.29	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2002	183/197	Q4	7.36	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2001	188/198	Q4	5.30	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2000	185/203	Q4	9.11	<div style="width: 100%;"><div style="width: 100%;"></div></div>
1999	181/201	Q4	10.20	<div style="width: 100%;"><div style="width: 100%;"></div></div>
1998	194/202	Q4	4.21	<div style="width: 100%;"><div style="width: 100%;"></div></div>

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

SURGERY

197/211

JCR YEAR	JIF RANK	QUART ILE	JIF PERCENTILE	
2021	197/211	Q4	6.87	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2020	206/211	Q4	2.61	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2019	198/210	Q4	5.95	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2018	197/203	Q4	3.20	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2017	197/200	Q4	1.75	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2016	181/197	Q4	8.38	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2015	189/200	Q4	5.75	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2014	188/198	Q4	5.30	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2013	187/204	Q4	8.58	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2012	177/199	Q4	11.31	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2011	169/199	Q4	15.33	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2010	171/188	Q4	9.31	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2009	155/167	Q4	7.49	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2008	142/148	Q4	4.39	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2007	131/139	Q4	6.12	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2006	122/137	Q4	11.31	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2005	132/139	Q4	5.40	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2004	128/139	Q4	8.27	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2003	134/141	Q4	5.32	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2002	133/141	Q4	6.03	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2001	135/139	Q4	3.24	<div style="width: 100%;"><div style="width: 100%;"></div></div>
2000	133/136	Q4	2.57	<div style="width: 100%;"><div style="width: 100%;"></div></div>
1999	124/131	Q4	5.73	<div style="width: 100%;"><div style="width: 100%;"></div></div>
1998	126/128	Q4	1.95	<div style="width: 100%;"><div style="width: 100%;"></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.

Only journals which have a calculated JCI value are included in the JCI ranking. The total number of journals displayed in this ranking may be less than the category overall.

CATEGORY

NEUROSCIENCES

291/305

JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2021	291/305	Q4	4.75	
2020	278/293	Q4	5.29	
2019	276/292	Q4	5.65	
2018	276/289	Q4	4.67	
2017	272/285	Q4	4.74	

CATEGORY

SURGERY

246/279

JCR YEAR	JCI RANK	QUART ILE	JCI PERCENTILE	
2021	246/279	Q4	12.01	
2020	242/271	Q4	10.89	
2019	238/270	Q4	12.04	
2018	228/267	Q4	14.79	
2017	230/262	Q4	12.40	

Citation network

Cited Half-life

9.4 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

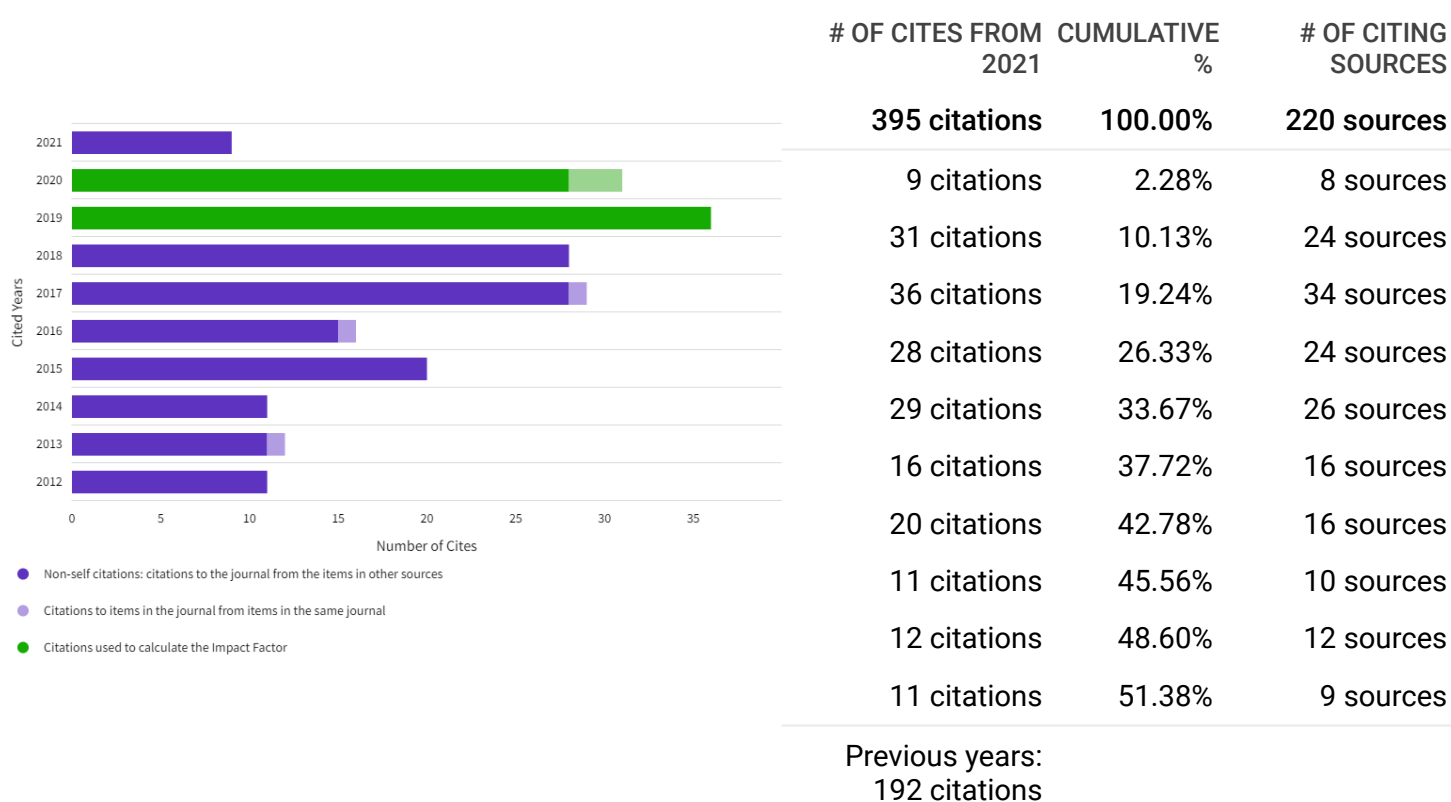
395

NON-SELF CITATIONS

380

SELF CITATIONS

15



Citing titles in all years

NEUROCIRUGIA

	SOURCE NAME	COUNT
	All Others	162
1	World Neurosurgery	31
2	NEUROCIRUGIA	15
3	NEUROSURGICAL REVIEW	12
4	Cureus Journal of Medical Science	11
5	JOURNAL OF CRANIOFACIAL SURGERY	9
6	Interdisciplinary Neurosurgery-Advanced Techniques and Case Management	8
7	CHILDS NERVOUS SYSTEM	7
8	BRITISH JOURNAL OF NEUROSURGERY	6
9	Frontiers in Neurology	6
10	MEDICINE	6
11	CLINICAL NEUROLOGY AND NEUROSURGERY	5
12	Operative Neurosurgery	5
13	Turkish Neurosurgery	5
14	Brazilian Neurosurgery-Arquivos Brasileiros de Neurocirurgia	4
15	Diagnostics	4
16	Journal of Clinical Medicine	4
17	ACTA NEUROCHIRURGICA	3
18	American Journal of Translational Research	3
19	BMJ Case Reports	3
20	Cancers	3

Showing 1 - 20 rows of 58 total (use export in the relevant section to download the full table)

Citing Half-life

12.6 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

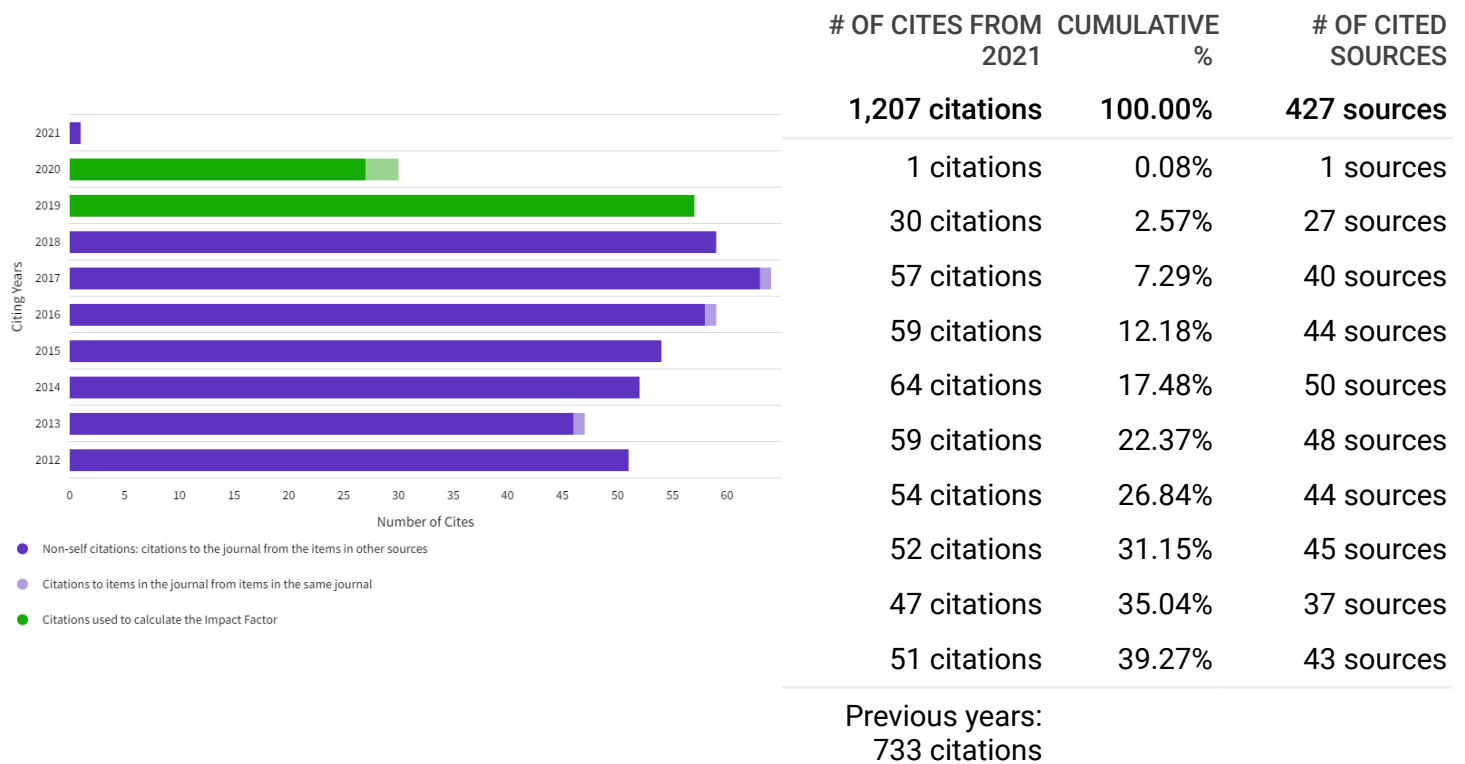
1,207

NON-SELF CITATIONS

1,192

SELF CITATIONS

15



Cited titles in all years

NEUROCIRUGIA

	SOURCE NAME	COUNT
	All Others	288
1	JOURNAL OF NEUROSURGERY	91
2	SPINE	77
3	NEUROSURGERY	50
4	World Neurosurgery	32
5	ACTA NEUROCHIRURGICA	29
6	EUROPEAN SPINE JOURNAL	22
7	SURG NEUROL	22
8	JOURNAL OF CLINICAL NEUROSCIENCE	19
9	INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS	17
10	NEUROLOGY	16
11	NEUROCIRUGIA	15
12	JOURNAL OF NEUROTRAUMA	13
13	Neurosurgical Focus	13
14	CHILDS NERVOUS SYSTEM	12
15	JOURNAL OF NEURO-ONCOLOGY	12
16	PEDIATRIC NEUROSURGERY	12
17	BRITISH JOURNAL OF NEUROSURGERY	11
18	JOURNAL OF NEUROSURGERY-SPINE	11
19	NEW ENGLAND JOURNAL OF MEDICINE	11
20	STEREOTACTIC AND FUNCTIONAL NEUROSURGERY	11

Showing 1 - 20 rows of 139 total (use export in the relevant section to download the full table)

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.

44 total citable items

	ARTICLES	REVIEWS	COMBINED (C)	OTHER DOCUMENT TYPES (O)	PERCENTAGE
NUMBER IN JCR YEAR 2021 (A)	37	7	44	3	94%
NUMBER OF REFERENCES (B)	862	336	1,198	9	99%
RATIO (B/A)	23.3	48.0	27.2	3.0	

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.

ALL CATEGORIES AVERAGE

5.17

EDITION

Science Citation Index Expanded

NEUROSCIENCES



3.47

SURGERY

6.87

Contributions by Organizations









Organizations that have contributed the most papers to the journal in the most recent three-year period.

RANK	ORGANIZATION	COUNT	
1	HOSP UNIV BURGOS	9	
-	HOSPITAL UNIVERSITARIO 12 DE OCTUBRE	9	
3	LEAGUE OF EUROPEAN RESEARCH UNIVERSITIES - LERU	8	
4	HOSPITAL UNIVERSITARIO RAMON Y CAJAL	7	
5	HOSPITAL UNIVERSITARI SON ESPASES	5	
-	HOSPITAL UNIVERSITARIO LA PAZ	5	
7	COMPLEXO HOSPITALARIO UNIVERSITARIO DE SANTIAGO DE COMPOSTELA	4	
-	HOSPITAL TORRECARDENAS	4	

Showing 1 - 8 rows of 208 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.

RANK	COUNTRY/REGION	COUNT	
1	Spain	96	
2	Mexico	8	
-	Turkey	8	
4	Argentina	7	
5	USA	4	
6	Brazil	3	
-	Colombia	3	
-	Russia	3	

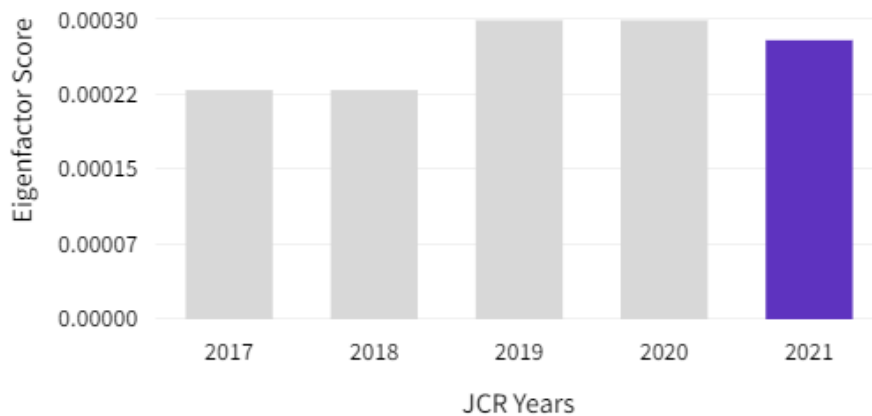
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Additional metrics

Eigenfactor score

0.00028

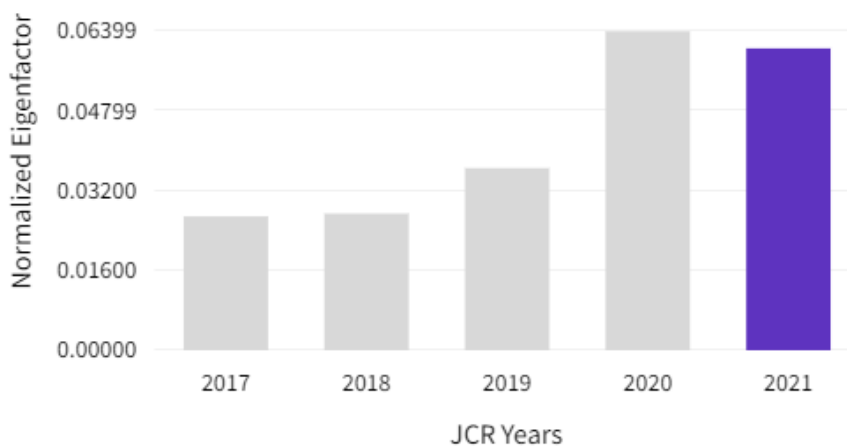
The Eigenfactor Score is a reflection of the density of the network of citations around the journal using 5 years of cited content as cited by the Current Year. It considers both the number of citations and the source of those citations, so that highly cited sources will influence the network more than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



Normalized Eigenfactor

0.06058

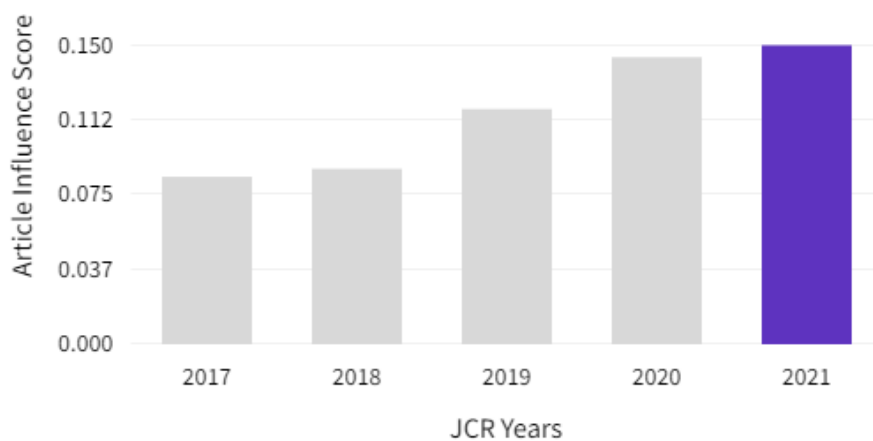
The Normalized Eigenfactor Score is the Eigenfactor score normalized, by rescaling the total number of journals in the JCR each year, so that the average journal has a score of 1. Journals can then be compared and influence measured by their score relative to 1.



Article influence score

0.150

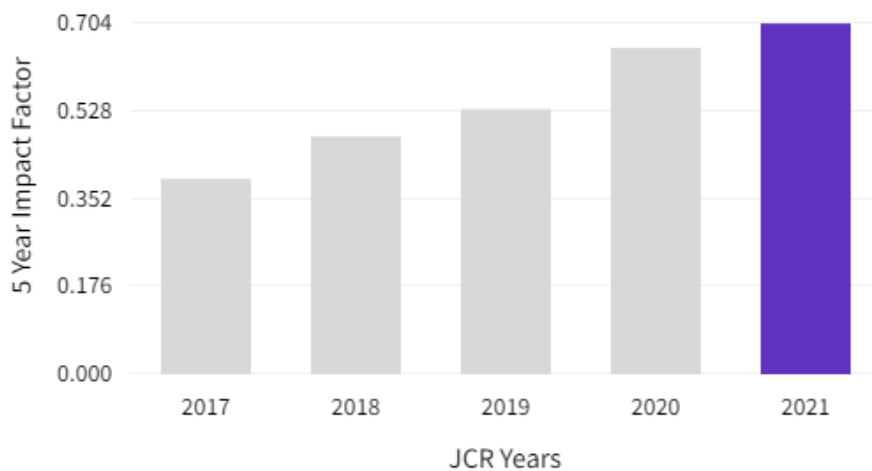
The Article Influence Score normalizes the Eigenfactor Score according to the cumulative size of the cited journal across the prior five years. The mean Article Influence Score for each article is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence.



5 year Impact Factor

0.704

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.



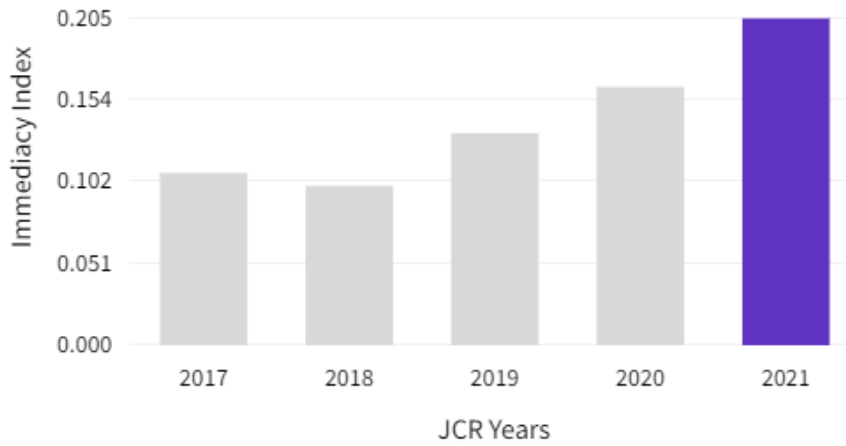
5 year Impact Factor calculation

$$\frac{\text{Citations in 2021 to items published in [2016-2020] (140)}}{\text{Number of citable items in [2016-2020] (199)}} = \frac{140}{199} = 0.704$$

Immediacy Index

0.205

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.



Immediacy Index calculation

Cites in 2021 to items published in 2021	9	
<hr/>		9 / 44 = 0.205
Number of items published in 2021	44	