Criteria for choosing the ‚right' journal for your research

Coffee Lectures 14th February 2017

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Author‘s Situation

- You want to publish your research in the optimal journal
- no well-grounded evidence of the best place to publish your research
- Ask around in your section, but:
  - Good advice, but probably also a lot of anecdotes
  - Different people gives very different advices
- In your section circulates a list of „recommended journals“, but:
  - Not all useful for various reasons
  - Often where well-funded research is published by the peers
  - Perhaps hasn‘t been updated
  - Can be just a list of any journals over a certain Journal Impact Factor
  - As PhD student or early in your career, lists may be out of your league and so depressing to read

Dimensions

What are criteria that seem to have proven relevance for researchers to choose the right journal?

- Journal‘s Scope
- Review Process
- Dissemination
- Open Access
- Impact

Just some criteria › ask the library to go in depth

Journal‘s Scope [1]

- Scope: Is it in general for one discipline or more specific?
  - Generalized journals for a single discipline have the largest readership and most prestige › e.g. *Geology, Geophysics, Int J Earth Sciences, JGR, GJI*
  - After that: sub-discipline journals › e.g. *Chemical Geology, Tectonics, Solid Earth*
  - Specialized journals = less potential readership › *Communications in Asteroseismology*
- Publication history: How consistently has it been published?
  - Avoiding journals that doesn‘t stick to the announced publication schedule or that produce „light content“ issues › difficulties to get appropriate content
- Publisher affiliation: Who publishes it?
  - Journals by professional publishers or well-known associations are most prestigious
  - Watch out for obscure predatory publishers › Checklist to assess at Think. Check. Submit.

Journal‘s Scope [2]

- Size: How many scientific libraries does the journal license?
  - Try to use the *Elektronische Zeitschriftenbibliothek* (EZB) or *Zeitschriftendatenbank* (ZDB) for German speaking countries › EZB
  - Subscription price: how many libraries can afford it?
  - The more libraries has subscribed for, the better the chance that relevant researchers will find and be aware of your work
  - But there are package deals with the libraries (consortia)
  - Journals established in the last five years may have a small distribution
- Editorial Board: Who is on the editorial board?
  - Well-known and well-respected persons
  - Actively publishes their research
  - Also well-known authors and institutions they come from

Review Process

- Model of peer review: Does the journal use blind or open review or any review?
  - Blind most used, open review best for author › author knows the reviewer = accountability and honesty
  - Journals with interactive discussion › rejected papers stay online
  - Example PLoS ONE: review of GSP but not the scientific approach › faster publication
- Rejection rate: What is the rejection rate good for?
  - Classical presumption: low acceptance, high rejection = most prestigious › ok, but
  - Quite hard to figure out › e.g. by Elsevier Journal Finder
  - Open discussion means better quality of submitted paper means lower rejection rates › nearly immediately publication

Time Delays

- Time delays: How long does the process take from submitting to acceptance to publication?
  - Basically: the shorter the better
  - From submitting to acceptance: the shorter the better, but › caused by the review process that can indicate thoroughness
  - From acceptance to publication: as short as possible is best › well-organized production process
  - Comparison: Each paper is tagged with dates
  - meanwhile standard online first › gap to print › ALBERT for newest articles
  - Experiences of your colleagues › ask them

Dissemination

- **Subscription rate:** the more libraries has subscribed for the journal the wider the dissemination to readers
- **Open Access:** openess ensures wider dissemination
- **Final draft:** submitting your final version to the library to put it into the institutional repository
- **Scientific databases:** check, if the journal is indexed in the most important databases (WoS, Scopus, GeoRef)

Open Access

- Open = citation advantage = wider dissemination
- Gold = OA journal › publication fee, but:
  - GFZ publication fonds supports you › no hybrid journals
  - Closed access journals also charge a fee, e.g. for additional pages or coloured figures (JGR, BSSA, Tectonophysics, …)
- Green = final draft in the repository = dissemination
- Author keeps the rights for texts, figures, tables › CC-BY
- Easier use for cumulative thesis › no clarification of rights

Impact

- Journal Impact Factor, but
- Single JIF = overestimated but can be a proxy
- Rather to divide journals into quartiles › also based on JIF
- Q1 = journal is one of highest cited 25% for a specific discipline › top journals
- Altmetric scores for social media impact › especially for short-term outreach

Tools

- InCites Journal Citation Reports
- Journal Metrics by Scopus
- Essential Science Indicators
- Google Scholar Metrics to determine the h5-Index
- Forget ResearchGate Score

InCites Journal Citation Reports

Go to Journal Profile

Master Search

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2015

Select Edition

SCIE SSCI

Open Access

Open Access

Category Schema

Web of Science

JIF Quartile

Q1 Q3

Q2 Q4

Select Publisher

Select Country/Territory

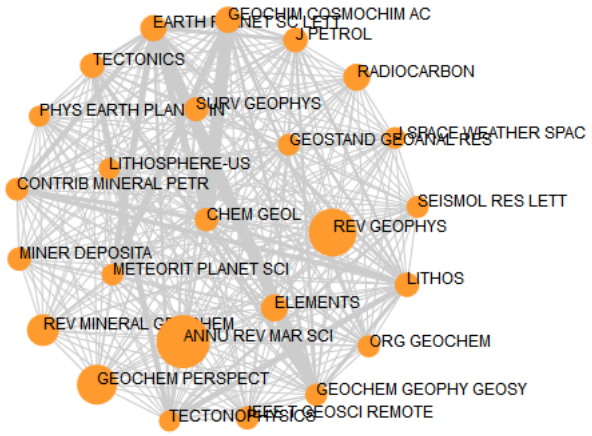
Impact Factor Range

to

Journals By Rank | Categories By Rank

Journal Titles Ranked by Impact Factor

Hide Visualization



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Compare Selected Journals | Add Journals to New or Existing List | Customize Indicators

Select All		Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor	Cited Half-Life
	1	Annual Review of Marine Science	2,559	13.214	15.958	4.2
	2	REVIEWS OF GEOPHYSICS	8,280	11.444	16.097	>10.0
	3	Geochemical Perspectives	115	8.800	12.444	3.2
	4	Reviews in Mineralogy & Geochemistry	4,306	6.120	5.887	>10.0
	5	Elements	2,099	4.585	4.925	5.8
	6	RADIOCARBON	5,549	4.565	3.204	7.0
	7	EARTH AND PLANETARY SCIENCE LETTERS	49,748	4.326	4.971	>10.0
	8	GEOCHIMICA ET COSMOCHIMICA ACTA	54,720	4.315	4.870	>10.0

InCites™ Journal Citation Reports®

THOMSON REUTERS™

Home | Compare Journals

Compare Journals

1. Select Comparison

(•) Quartile ( ) Trends

2. Select Journals

3. Select JCR Year

2015

4. Select Category

5. Select Metrics

- JIF
- JIF-subject category
- 5-Year JIF
- Immediacy Index
- Eigenfactor
- Article Influence Score

Clear | Submit | Save

Journal	5-year JIF Quartile
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	Q2
EARTH AND PLANETARY SCIENCE LETTERS	Q1
GEOCHIMICA ET COSMOCHIMICA ACTA	Q1
GEOPHYSICAL JOURNAL INTERNATIONAL	Q2
JOURNAL OF GEODYNAMICS	Q2
JOURNAL OF PETROLOGY	Q1
JOURNAL OF SEISMIC EXPLORATION	Q4
Journal of Volcanology and Seismology	Q4
LITHOS	Q1
MINERALOGY AND PETROLOGY	Q3
PURE AND APPLIED GEOPHYSICS	Q3
Solid Earth	Q2
TECTONICS	Q1
TECTONOPHYSICS	Q2

RECOMMENDATION LIST?

Introducing CiteScore metrics for serials

We are proud to introduce CiteScore metrics from Scopus – comprehensive, current and free metrics for serial titles in Scopus.

Search or filter below to find the sources of interest and see the new metrics. Report using these annual metrics and track the 2016 metrics via the links to each title's Scopus source details page.

Be sure to use qualitative as well as the below quantitative inputs when presenting your research impact, and always use more than one metric for the quantitative part.

Refine titles

CiteScore 2015 methodology | Download all metrics

Refine by subject areas... | Search titles... | 2015 | Show fewer filters

Geophysics ×

Search publishers... | Display titles with min. 0 Documents | Source types | Select quartiles | Display only Open Access titles

Quartile 1 ×

Showing 24 titles

Clear Filters

CiteScore metrics calculated on **31 May, 2016.** SNIP and SJR calculated on **27 April, 2016**

	Title	CiteScore	CiteScore Percentile	CiteScore Rank	Citations 2015	Documents 2012-14	% Cited	SNIP	SJR
1	Reviews of Geophysics *Geophysics*	14.08	99%	1/96	859	61	93%	5.779	8.833
2	Advances in Geophysics *Geophysics*	4.88	98%	2/96	39	8	88%	2.331	2.325
3	Earth and Planetary Sciences Letters *Geophysics*	4.61	97%	3/96	7,918	1,717	91%	1.500	3.628
4	Geophysical Research Letters *Geophysics*	4.27	96%	4/96	14,513	3,402	89%	1.407	3.323

Essential Science Indicators

Top Papers by Journals

Results List

Journals

Filter Results By

Changing the filter field removes all current filters.

Add Filter »

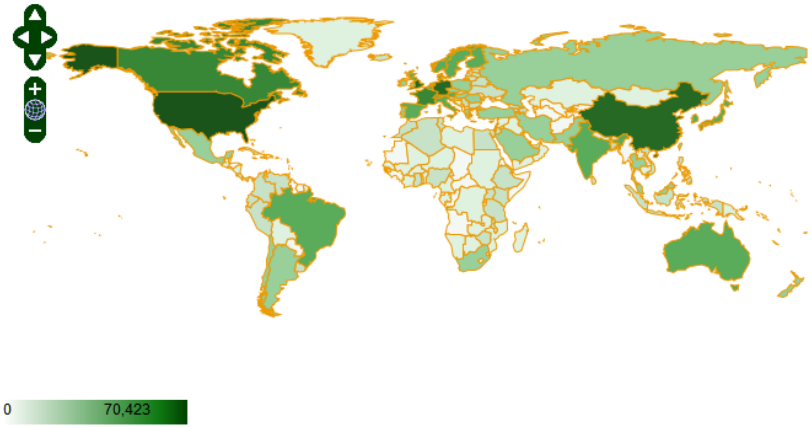
× Geosciences

Include Results For

Top Papers

Clear | Save Criteria

Map View by Top / Hot / Highly Cited Papers — Hide Visualization



Report View by Selection — Customize

Total: 242	Journals	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	SCIENCE	939	99,464	105.93	314
2	NATURE	953	87,204	91.50	289
3	ATMOS CHEM PHYS	7,076	166,042	23.47	245
4	NAT GEOSCI	1,301	60,331	46.37	209
5	GEOPHYS RES LETT	13,823	257,240	18.61	206
6	PROC NAT ACAD SCI USA	1,344	58,354	43.42	191
7	J CLIMATE	5,013	131,204	26.17	185
8	REMOTE SENS ENVIRON	3,429	92,817	27.07	145
9	J GEOPHYS RES-ATMOS	9,116	178,402	19.57	107
10	GONDWANA RES	1,422	33,834	23.79	97
11	BULL AMER	1,011	32,751	32.39	92

InCites Essential Science Indicators dataset updated Dec 14, 2016.
For more information Click Here

Englisch

Business, Economics & Management

Chemical & Material Sciences

Engineering & Computer Science

Health & Medical Sciences

Humanities, Literature & Arts

Life Sciences & Earth Sciences

Geochemistry & Mineralogy

Physics & Mathematics

Social Sciences

Chinesisch

Portugiesisch

Spanisch

Deutsch

Russisch

Französisch

Japanisch

Koreanisch

Polnisch

Ukrainisch

Indonesisch

Top-Publikationen - Geochemistry & Mineralogy

Weitere Informationen

Der h5-Index ist der h-Index für Artikel, die in den letzten fünf Jahren veröffentlicht wurden. Dieser Index bedeutet, dass in den Jahren 2011-2015 h Publikationen jeweils mindestens h-mal zitiert wurden. Ausblenden

Publikation	h5-Index	h5-Median
1. Geochimica et Cosmochimica Acta	58	73
2. Lithos	50	61
3. Chemical Geology	48	60
4. International Journal of Coal Geology	46	75
5. Journal of Petrology	37	50
6. Applied Geochemistry	37	46
7. Contributions to Mineralogy and Petrology	35	44
8. Journal of Geochemical Exploration	34	44
9. Ore Geology Reviews	33	57
10. Organic Geochemistry	33	42
11. American Mineralogist	30	38
12. Economic Geology	28	37
13. Reviews in Mineralogy and Geochemistry	26	44
14. Mineralium Deposita	26	43
15. Acta Petrologica Sinica	25	38
16. Geochemical Journal	19	35
17. Russian Geology and Geophysics	18	26
18. Chemie der Erde-Geochemistry	17	24
19. Mineralogical Magazine	17	21
20. The Canadian Mineralogist	16	26

Datumsangaben und Zitierhäufigkeiten werden automatisch von einem Computerprogramm ermittelt und stellen Schätzwerte dar.

Synopsis

- Scope: general or specialized
- Check the publisher
- Review, acceptance, time delays for quality and speed
- Larger audience with wider dissemination and openess
- Comparison of journals using quartiles

Ask us › all mentioned points can be discussed in depth with the library.

Any Questions?

Thank you for your attention!

Links

- Publisher Assessment:
  - Think. Check. Submit. Publisher evaluation: http://thinkchecksubmit.org/
  - Elektronische Zeitschriftenbibliothek für deutschsprachige Länder: http://rzblx1.uni-regensburg.de/ezeit/search.phtml?bibid=GFZPO&colors=7
  - Zeitschriftendatenbank für deutschsprachige Länder : http://dispatch.opac.d-nb.de/DB=1.1/
  - Elsevier Journal Finder: http://journalfinder.elsevier.com/

- Metrics:
  - InCites Journal Citation Reports: http://jcr.incites.thomsonreuters.com/
  - Essential Science Indicators: http://esi.incites.thomsonreuters.com/
  - Scopus Journal Metrics: http://journalmetrics.scopus.com/
  - Google Scholar h5-Index: http://scholar.google.com/citations?view_op=top_venues
  - Altmetric Score for social media impact: http://www.altmetric.com/top100/

- Databases:
  - Web of Science: http://apps.webofknowledge.com/
  - Scopus: http://www.scopus.com/
  - GeoRef: http://search.proquest.com/georef?accountid=15969
  - ALBERT: http://waesearch.kobv.de/
  - GFZ Institutional Repository: http://gfzpublic.gfz-potsdam.de/