



Universitätsbibliothek

# Vertrauen ist gut – prüfen ist besser : Qualitätskriterien für wissenschaftliche Publikationen

Dozentinnen: Simone Schütte und Heike Thomas (Freie Universität Berlin)

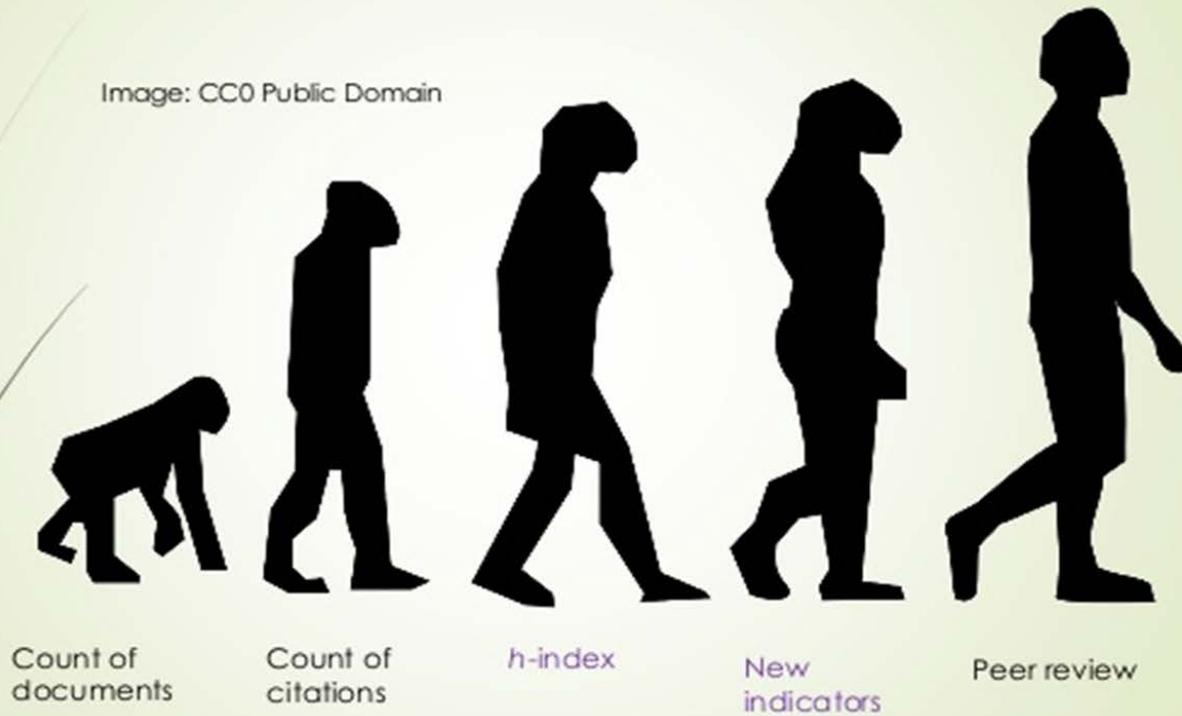
# Programm für heute:

- Allgemeine Qualitätskriterien
- Peer Review
- Impact-Faktor
- CiteScore Metrics
- Eigenfactor
- Hirsch- oder H-Index
- Altmetriken: Altmetrics
  - Plum Analytics
  - PLOS-Article-Level Metrics



# Evolution of measures!

Image: CC0 Public Domain



Bildnachweis: J. Delasalle u. A. Plume: Research impact metrics for librarian: calculation & context. Library Connect Weinar. 19.5.2016

# Allgemeine Qualitätskriterien

- Zielgruppe: Fachwissenschaftler
- Autorenschaft: - eindeutig belegt
  - Zuordnung zu einer wissenschaftlichen Einrichtung
- Verlag: - renommiert
  - spezialisiert auf wissenschaftliche Publikationen
  - Top Domain Level der URL (.gov, .org, .edu)
- Inhalt:- Fachsprache
  - Genauigkeit, Verifizierbarkeit
  - Tiefe und Breite der Information
  - Aktualität
  - Verständlichkeit

# Allgemeine Qualitätskriterien

- Referenzen, Verweise, Zitate, Links
- Qualitätssicherung durch den Verlag:
  - **Peer Review**
  - Herausgeberteam, Editorial Board
  - renommierte Autoren
- Rezensionen: - Publikation wird in Rezensionsorganen oder Fachzeitschriften besprochen. Zu recherchieren in: Web of Science, Internationale Bibliographie der Rezensionen (IBR).

# Methoden zur Bewertung von Publikationen

## Inhaltliche Bewertung einer Publikation

- Peer Review
- Rezensionen

→ von individuellen Urteilen  
abhängige (subjektive?)  
Kriterien

## Bewertung der Aufmerksamkeit, die eine Publikation findet

- Impact Faktor
  - CiteScore Metrics
  - H-Index
    - basieren auf Zitierhäufigkeit
  - Altmetrics
    - Zitationen und teilen oder kommentieren in sozialen Netzwerken
- berechnete (objektive?) Kriterien



# Peer Review

Was ist Peer Review?

Der Begriff Peer Review bezeichnet die Bewertung wissenschaftlicher Arbeiten durch unabhängige Gutachter, Wissenschaftler des selben Fachgebiets.

- das gängigste Verfahren der Qualitätsprüfung vor Veröffentlichung von Beiträgen in wissenschaftlichen Zeitschriften
- gilt als wichtiger Faktor bei der Einschätzung der Bedeutung einer wissenschaftlichen Zeitschrift

# Peer Review

## Beurteilungskriterien:

- Sind Forschungsfrage und Methoden klar beschrieben?
- Ist die Forschungsfrage wichtig und interessant?
- Bringt die Forschungsarbeit etwas Neues?
- Wurden wissenschaftlich relevante Quellen (Literatur, Daten, Studien...) verwendet?
- Sind die Schlussfolgerungen nachvollziehbar und belegt?
- Ist die Darstellung gut?
- Ist ein grundlegender Mangel zu erkennen?



# Peer Review

## Schwächen des Verfahrens, Kritik

- Sorgfalt, inhaltliche Tiefe des Gutachten unbekannt, nicht nach einheitlichen Kriterien angefertigt → Vergleichbarkeit?
- Plagiate, Betrug, Täuschung werden häufig nicht aufgedeckt. ( Beispiel:Artikel aus dem Spiegel online vom 23.5.2017: „Forscher narren Fachzeitschrift mit Quatsch-Studie“  
(<http://www.spiegel.de/wissenschaft/natur/penis-schuld-am-klimawandel-forscher-narren-fachmagazin-a-1148845.html>) )
- Einige wenige renommierte Wissenschaftler begutachten für viele Zeitschriften und beherrschen eine ganze Disziplin.
- Autor und Gutachter kennen und unterstützen sich gegenseitig.
- Autor und Gutachter sind Konkurrenten.

Das Peer Review zeigt, dass sich der Verlag um wissenschaftliche Qualität seiner Veröffentlichungen bemüht und sollte **ein** wichtiger Hinweis für den Leser sein.



# Impact-Faktor

- setzt die Anzahl der in einer Zeitschrift erschienenen Artikel mit der Anzahl der Zitierungen dieser Artikel ins Verhältnis
- bezieht sich auf den Zeitraum von zwei Jahren

Zahl der Zitate im Bezugsjahr auf die Artikel der vergangenen zwei Jahre  
Zahl der Artikel in den vergangenen zwei Jahren

- Grundlage: die Zitationsdatenbanken **Science Citation Index** und **Social Science Citation Index** aus dem Web of Science
- wird häufig als Qualitätssiegel für **Zeitschriften** angesehen
- Vergleich von Zeitschriften nach Zitierhäufigkeit und Impact-Faktor in den **Journal Citation Reports** des Web of Science



# Impact-Faktor

## Beispiele:

Krugman, Paul: Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach. In: QUARTERLY JOURNAL OF ECONOMICS.2012. 127,3 pp: 1469-1513

Hawking, Stephen W. : Information loss in black holes. In: PHYSICAL REVIEW D 2005. 72.8

# Impact-Faktor

**WEB OF SCIENCE™** THOMSON REUTERS™

Search Return to Search Results My Tools Search History Marked List

Full Text Options Look Up Full Text Save to EndNote online Add to Marked List 1 of 1

## Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach

By: Eggertsson, GB (Eggertsson, Gauti B.)<sup>[1]</sup>; Krugman, P (Krugman, Paul)

QUARTERLY JOURNAL OF ECONOMICS  
 Volume: 127 Issue: 3 Pages: 1469-1513  
 DOI: 10.1093/qje/qjs023  
 Published: AUG 2012

[View Journal Information](#)

By: Eggertsson, GB (Eggertsson, Gauti B.)<sup>[1]</sup>; Krugman, P (Krugman, Paul)

QUARTERLY JOURNAL OF ECONOMICS  
 Volume: 127 Issue: 3 Pages: 1469-1513  
 DOI: 10.1093/qje/qjs023  
 Published: AUG 2012

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QUARTERLY JOURNAL OF ECONOMICS

Impact Factor  
**5.538 9.607**  
 2015 5 year

JCR® Category	Rank in Category	Quartile in Category
ECONOMICS	2 of 345	Q1

Data from the 2015 edition of Journal Citation Reports®

**Publisher**  
 OXFORD UNIV PRESS INC, JOURNALS DEPT, 2001 EVANS RD, CARY, NC 27513 USA

ISSN: 0033-5533  
 eISSN: 1531-4650

**Research Domain**  
 Business & Economics

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slumps—that is, situations in which an overhang of debt on the part of some agents, making some agents debt-constrained is a surprisingly powerful assumption. Fisherian Keynesian-type multiplier, and a rationale for expansionary fiscal policy all emerge right both on current economic difficulties and on historical episodes, including JEL Codes: E32, E52, E62).

OCKS; CRISES; OUTPUT

🏆 As of January/February 2017, this highly cited paper received enough citations to place it in the top 1% of the academic field of Economics & Business based on a highly cited threshold for the field and publication year.

Data from **Essential Science Indicators™**

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### Citation Network

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*(data from Web of Science™ Core Collection)*

### All Times Cited Counts

140 in All Databases  
 139 in Web of Science Core Collection  
 2 in BIOSIS Citation Index  
 0 in Chinese Science Citation Database  
 0 in Data Citation Index  
 0 in Russian Science Citation Index  
 1 in SciELO Citation Index

🏆 **Highly Cited Paper**

# Impact-Faktor

Impact Factor: Journal Citation Reports®



3-5533

IV PRESS INC  
DEPT, 2001 EVANS RD, CARY, NC 27513

al Table of Contents    Go to Ulrich's

JCR Abbrev: Q

Categories  
ECONOMICS

Languages  
ENGLISH

4 Issues/Year;

## JCR Impact Factor

JCR Year	ECONOMICS	
	Rank	Quartile
2016	1/347	Q1
2015	2/345	Q1
2014	1/333	Q1
2013	3/333	Q1
2012	2/333	Q1
2011	2/321	Q1
2010	2/305	Q1
2009	2/247	Q1
2008	1/209	Q1
2007	3/191	Q1
2006	2/175	Q1
2005	1/175	Q1
2004	1/172	Q1
2003	2/169	Q1
2002	2/166	Q1
2001	2/165	Q1

### Indicators

Total Cites	Journal Impact Factor	Impact Factor Without Journal Self Cites	5 Year Impact Factor	Immediacy Index	Citable Items	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% Articles in Citable Items	Norm Eigenfactor Score
<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>	<a href="#">Graph</a>
19,063	5.538	5.350	9.607	0.650	40	>10.0	9.4	0.05258	16.477	100.00	5.1
17,890	6.654	6.382	9.794	0.850	40	>10.0	9.2	0.05458	16.062	100.00	6.1
16,827	5.966	5.816	9.126	0.775	40	>10.0	9.0	0.05292	14.772	100.00	5.1
15,000	5.278	5.044	8.147	1.000	41	>10.0	8.4	0.04647	12.205	100.00	No
14,234	5.920	5.747	8.184	0.848	46	>10.0	8.0	0.04904	12.614	100.00	No
13,983	5.940	5.714	8.053	0.909	44	>10.0	8.3	0.04716	11.688	100.00	No
13,985	5.647	5.352	8.171	0.953	43	>10.0	8.6	0.04986	11.686	93.02	No
11,723	5.048	4.690	8.716	0.756	41	>10.0	8.9	0.05416	11.978	97.56	No
8,713	3.688	3.450	7.135	0.773	44	>10.0	8.1	0.05227	11.241	100.00	No
7,962	3.938	3.800	Not A...	0.750	40	>10.0	7.6	Not A...	Not A...	97.50	No

# Impact-Faktor

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## Information loss in black holes

By: Hawking, SW (Hawking, SW)

PHYSICAL REVIEW D  
 Volume: 72 Issue: 8  
 Article Number: 084013  
 DOI: 10.1103/PhysRevD.72.084013  
 Published: OCT 2005

View Journal Information

**Abstract**  
 The question of whether information is lost in black holes is regarded as a scattering problem with a nontrivial topology. The path integral over metrics with trivial topologies leads to correlation functions that decay exponentially. Quantum gravity interactions do not contribute. Elementary

**Keywords**  
 KeyWords Plus: SPACE

**Author Information**  
 Reprint Address: Hawking, S. M. Univ Cambridge, Ctr Math Sci, DAMTP, Cambridge CB3 0WA, England

PHYSICAL REVIEW D

Impact Factor  
**4.568** **3.914**  
 2016 5 year

JCR® Category	Rank in Category	Quartile in Category
ASTRONOMY & ASTROPHYSICS	<b>14 of 63</b>	<b>Q1</b>
PHYSICS, PARTICLES & FIELDS	<b>8 of 29</b>	<b>Q2</b>

Data from the 2016 edition of Journal Citation Reports®

**Publisher**  
 AMERICAN PHYSICAL SOC, ONE PHYSICS ELLIPSE, COLLEGE PK, MD 20740-3844 USA

**ISSN:** 1550-7998

**Research Domain**  
 Astronomy & Astrophysics  
 Physics

Information and evaporation of black holes is regarded as a scattering problem with a nontrivial topology. The path integral over metrics with trivial topologies leads to correlation functions that decay exponentially. Quantum gravity interactions do not contribute. Elementary

### Citation Network

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(data from Web of Science™ Core Collection)

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 1 in Russian Science Citation Index  
 0 in SciELO Citation Index

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### Usage Count

Last 180 Days: 4  
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# Impact-Faktor

## Journal Citation Reports Beispiele:

Welche Zeitschrift hat den höchsten Impact-Faktor?

Welche Zeitschrift aus dem Fach *Geschichte* und aus der *Molekularbiologie* hat den höchsten Impact-Faktor?

Welchen Impact-Faktor haben die Zeitschriften *Economic policy*, *Cancer Cell* und *Historische Zeitschrift*?

# Impact-Faktor

Welche Zeitschrift hat den höchsten Impact-Faktor?

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	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/>	1 CA-A CANCER JOURNAL FOR CLINICIANS	20,488	137.578	0.06231
<input type="checkbox"/>	2 NEW ENGLAND JOURNAL OF MEDICINE	283,525	59.558	0.68235
<input type="checkbox"/>	3 NATURE REVIEWS DRUG DISCOVERY	25,460	47.120	0.06273
<input type="checkbox"/>	4 LANCET	195,553	44.002	0.40717
<input type="checkbox"/>	5 NATURE BIOTECHNOLOGY	48,650	43.113	0.15711

# Impact-Faktor

Welche Zeitschrift aus der *Molekularbiologie* hat den höchsten Impact-Faktor?

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<input checked="" type="checkbox"/>	1	NATURE MEDICINE	65,230	30.357	0.16179
<input type="checkbox"/>	2	CELL	202,467	28.710	0.55509
<input type="checkbox"/>	3	Annual Review of Biochemistry	19,244	21.407	0.03506
<input type="checkbox"/>	4	MOLECULAR CELL	53,714	13.958	0.19256
<input type="checkbox"/>	5	MOLECULAR BIOLOGY AND EVOLUTION	38,486	13.649	0.10331
<input type="checkbox"/>	6	NATURE STRUCTURAL & MOLECULAR BIOLOGY	25,671	13.338	0.10397
<input type="checkbox"/>	7	MOLECULAR PSYCHIATRY	15,797	13.314	0.04440
<input type="checkbox"/>	8	TRENDS IN BIOCHEMICAL SCIENCES	15,491	12.810	0.03187
<input type="checkbox"/>	9	Nature Chemical Biology	15,361	12.709	0.06084
<input type="checkbox"/>	10	GENOME RESEARCH	34,396	11.351	0.12365
<input type="checkbox"/>	11	PROGRESS IN LIPID RESEARCH	4,814	11.238	0.00848
<input type="checkbox"/>	12	NATURAL PRODUCT REPORTS	8,755	10.986	0.01825
<input type="checkbox"/>	13	MOLECULAR ASPECTS OF MEDICINE	4,178	10.860	0.01072

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<input type="checkbox"/>	1 AMERICAN HISTORICAL REVIEW	1,548	1.339	0.00257
<input type="checkbox"/>	2 ECONOMIC HISTORY REVIEW	1,132	1.000	0.00414
<input type="checkbox"/>	3 JOURNAL OF AFRICAN HISTORY	587	0.857	0.00070
<input type="checkbox"/>	4 HISTORY AND THEORY	572	0.830	0.00118
<input type="checkbox"/>	5 ENVIRONMENT AND HISTORY	179	0.811	0.00048
<input type="checkbox"/>	6 COMPARATIVE STUDIES IN SOCIETY AND HISTORY	990	0.773	0.00188
<input type="checkbox"/>	7 <i>Cliometrica</i>	88	0.731	0.00065
<input type="checkbox"/>	8 HAHR-Hispanic American Historical Review	274	0.621	0.00079
<input type="checkbox"/>	9 Journal of the History of Economic Thought	151	0.609	0.00073
<input type="checkbox"/>	10 PAST & PRESENT	1,126	0.588	0.00187
<input type="checkbox"/>	11 INTERNATIONAL LABOR AND WORKING-CLASS HISTORY	167	0.571	0.00064
<input type="checkbox"/>	12 Law and History Review	240	0.565	0.00038

Select Category

- HISTORY
- HISTORY & PHILOSOPHY OF SCIENCE
- HISTORY OF SOCIAL SCIENCES
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- HOSPITALITY, LEISURE, SPORT & TOURISM
- IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
- IMMUNOLOGY
- INDUSTRIAL RELATIONS & LABOR

# Impact-Faktor

Welchen Impact-Faktor haben die Zeitschriften *Economic policy*, *Cancer Cell* und *Historische Zeitschrift*?

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Select All		Full Journal Title	Total Cites	Journal Impact Factor	Impact Factor without Journal Self Cites	5 Year Impact Factor
<input type="checkbox"/>	1	CANCER CELL	29,149	23.214	22.879	26.34
<input type="checkbox"/>	2	ECONOMIC POLICY	1,095	2.062	2.000	3.37

Search Journals

1 CANCER CELL

2 ECONOMIC POLICY

Search Journals

1 CA-CANCER JOURNAL FOR CLINICIANS

2 NEW ENGLAND JOURNAL OF MEDICINE

Historische Zeitschrift

Prähistorische Zeitschrift

Web of Science

JIF Quartile

Select Publisher

Historische Zeitschrift nicht ausgewertet!



# Impact-Faktor

Selbstzitationen:

- Selbstzitationen des Autors
- Ein Artikel zitiert frühere Artikel aus der gleichen Zeitschrift.
- Manche Redaktionen fordern sogar die Autoren auf, aus den Zeitschriften des eigenen Verlags zu zitieren, um so den Impact-Faktor zu erhöhen.

Abhilfe → revidierter Impact-Faktor in JCR:

$$\frac{\text{Anzahl der Zitationen} - \text{Anzahl der Selbstzitationen}}{\text{Anzahl der Artikel im gegebenen Zeitraum}}$$

# Impact-Faktor

## Immediacy Index:

- dient der Ermittlung der Rezeptionsgeschwindigkeit
- sagt aus, wie viele Artikel noch innerhalb des Erscheinungsjahres zitiert wurden

$$\frac{\text{Anzahl der Zitierungen im Erscheinungsjahr}}{\text{Anzahl der Artikel im gleichen Jahr}}$$

## Cited half-life:

- Halbwertszeit der Zitierungen, Haltbarkeitsdatum akademischer Arbeiten
- Ein hoher Wert bedeutet, dass Artikel auch lange nach ihrer Veröffentlichung noch konsultiert und zitiert werden.
- Grundsatzarbeit, deren revolutionärer Inhalt die mangelnde Aktualität wettmacht.



# Impact-Faktor

Fazit:

- Hinweis auf Qualität einer Zeitschrift, **wenn sie im WOS / JCR berücksichtigt wird.**
- Nicht alle Artikel einer Zeitschrift werden häufig zitiert.
- Vergleichbarkeit nur innerhalb des gleichen Fachgebiets
- Englischsprachige Veröffentlichungen finden mehr Beachtung.
- Ergebnis manipulierbar (z.B. durch „Zitierkartelle“)
- keine Aussage zur Qualität eines Artikels oder zur Qualität der Arbeit eines Wissenschaftlers

Der Impact-Faktor hilft, den Stellenwert einer Zeitschrift innerhalb ihres  
→ Fachgebiets zu beurteilen. (Wie viel Aufmerksamkeit erhält sie?)

→ Bei Berufungen / Einstellungen kann festgestellt werden, ob die Kandidaten in renommierten Zeitschriften veröffentlicht haben und wie oft ihre Publikationen zitiert wurden.



# CiteScore Metrics (Scopus)

CiteScore ist eine Zahl, die ebenfalls angibt, wie häufig aus einer Zeitschrift zitiert wird.

Anzahl der Zitate aus einer Zeitschrift in 2015

Anzahl der Artikel in den 3 vorhergehenden Jahren (2012-14)

Grundlage für die Berechnung ist Journal Metrics (<https://journalmetrics.scopus.com/>), das auf die 22 256 Titel, die in Scopus ausgewertet werden zugreift. Journal Metrics ist frei verfügbar im Internet zu finden.

# CiteScore Metrics

## Document details

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Quarterly Journal of Economics

Volume 127, Issue 3, August 2012, Article number qjs023, Pages 1469-1513

Cited by 174 documents

**Stock return predictability: the role of inflation and threshold dynamics**  
McMillan, D.G.  
(2012) International Review of Applied Economics

Debt, deleveraging, and the liquidity trap: A fisher-minsky-koo approach (Article)

Eggertsson, G.B.<sup>a</sup>, Krueger, A.M.<sup>b</sup>

<sup>a</sup> Federal Reserve Bank of Minneapolis  
<sup>b</sup> Princeton University, United States

Quarterly Journal of Economics

Scopus coverage years: from 1973 to 1974, from 1976 to 2016

Publisher: Oxford University Press

ISSN: 0033-5533 E-ISSN: 1531-4650

Subject area: Economics, Econometrics and Finance: Economics and Econometrics

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Visit Scopus Journal Metrics

CiteScore 2015 ⊙  
**9.59**

SJR 2015 ⊙  
**20.761**

SNIP 2015 ⊙  
**7.264**

### Abstract

In this article we present a model of the debt-leveraging paradox of thrift and the liquidity trap, both on current economic conditions. Oxford University Press

### Indexed keywords

GEOBASE Subject Index  
Regional Index: Japan  
Species Index: American

CiteScore | CiteScore rank & trend | Scopus content coverage

CiteScore 2015 ⌵

Calculated on 31 May, 2016

CiteScore rank

In category: Economics and Econometrics

9.59 =  $\frac{\text{Citation Count 2015}}{\text{Documents 2012 - 2014}^*}$  =  $\frac{1065 \text{ Citations}}{111 \text{ Documents}}$

Percentile: 99th Rank: #1/521 ➤

\*CiteScore includes all available document types

[View CiteScore methodology](#) | [CiteScore FAQ](#)

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CiteScoreTracker 2016 ⊙

Last updated on 07 May, 2017  
Updated monthly

[Citation Count 2016](#) 991 Citations to date ➤

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Physical Review D - Particles, Fields, Gravitation and Cosmology

Volume 72, Issue 8, 15 October 2005, Article number 084013

## Information loss in black holes (Article)

Hawking, S.W. 

DAMTP, Center for Mathematical Sciences, University of Cambridge, Wilberforce Road, Cambridge CB3 0WA, United Kingdom

[View references \(19\)](#)

**Cited by 199 documents**

**Gravitational wave echoes from macroscopic quantum gravity effects**  
 Barceló, C., Carballo-Rubio, R., Garay, L.J.  
 (2017) Journal of High Energy Physics

**P-v criticality in the extended phase space of a noncommutative geometry inspired Reissner-Nordström black hole in AdS space-time**  
 Liang, J., Guan, Z.-H., Liu, Y.-C.  
 (2017) General Relativity and Gravitation

### Abstract

## Physical Review D - Particles, Fields, Gravitation and Cosmology

The question of all measurements preserving. On path integrals of

also known as: Physical review D: Particles and fields  
 also known as: Physical Review D  
 Scopus coverage years: from 1970 to 2016  
*(coverage discontinued in Scopus)*

ISSN: 15507998  
 DOI: 10.1103/PhysRevD.1550-7998 E-ISSN: 1550-2368

Subject area: Physics and Astronomy: Nuclear and High Energy Physics

document alert [Full Text](#) [FU Berlin SFX](#) [SFX](#)

References

[Visit Scopus Journal Metrics](#)

CiteScore 2015  
**3.57**

SJR 2015  
**1.882**

SNIP 2015  
**1.143**

Score CiteScore rank & trend Scopus content coverage

CiteScore **2015**

Calculated on 31 May, 2016

CiteScore rank

In category: Nuclear and High Energy Physics

**3.57** =  $\frac{\text{Citation Count 2015}}{\text{Documents 2012 - 2013}}$  =  $\frac{36588 \text{ Citations}}{10256 \text{ Documents}}$

Percentile: 88th

Rank: #7/58



# CiteScore Metrics

**SNIP = Source normalized impact per paper:**

SNIP bildet die durchschnittliche Zitierhäufigkeit der Artikel einer Zeitschrift ab und berücksichtigt dabei die Zitierkultur der verschiedenen Disziplinen.

Journal's citation count per paper  
Citation potential in its subject field

**SJR: SCImago Journal Rank:**

SJR misst den Rang einer Zeitschrift, indem es neben der Zitierhäufigkeit auch den Rang der zitierenden Zeitschrift berücksichtigt.



# CiteScore Metrics

Journal Metrics (Scopus) Beispiele:

- Welche Zeitschrift hat den höchsten CiteScore?
- Welche Zeitschrift aus dem Fach Geschichte und aus der Molekularbiologie hat den höchsten CiteScore?
- Welchen CiteScore haben die Zeitschriften Economic policy und Cancer Cell ?

# CiteScore Metrics

## Journal Metrics

Get involved >

### Introducing CiteScore metrics for serials

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

[Read more >](#)

Refine titles ⓘ

[CiteScore 2015 methodology](#) [Download all metrics](#)

Refine by subject areas...



Search titles...



2015



Show more filters

Showing 22.256 titles

Clear Filters

WOS / Impact-Faktor: 137.578

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

ⓘ	Title	CiteScore	Highest CiteScore Percentile	CiteScore Rank	Citations 2015	Documents 2012-14	% Cited	SNIP	SJR
1	Ca-A Cancer Journal for Clinicians <i>Hematology</i>	66.45	99%	1/117	8,904	134	63%	50.569	32.242
2	Chemical Reviews <i>General Chemistry</i>	45.92	99%	1/371	31,824	693	98%	11.241	19.143
3	Annual Review of Immunology <i>Immunology and Allergy</i>	41.20	99%	1/162	3,049	74	99%	9.071	32.720
4	Chemical Society Reviews	35.79	99%	2/371	45,030	1,258	97%	7.638	15.228

# CiteScore Metrics

Welche Zeitschrift aus der *Molekularbiologie* hat den höchsten CiteScore?

## Introducing CiteScore metrics for serials

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## Refine titles ?

[CiteScore 2015 methodology](#) [Download all metrics](#)

Refine by subject areas...



Search titles...



2015



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Molecular Biology ×

Showing 251 titles

JCR: Nature Medicine: JIF 30.357

Clear Filters

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

<span>?</span>	Title	CiteScore <span>▼</span>	CiteScore Percentile	CiteScore Rank	Citations 2015 <span>⚙</span>	Documents 2012-14 <span>⚙</span>	% Cited	SNIP	SJR
1	Physiological Reviews <i>Molecular Biology</i>	31.05	99%	1/351	3,415	110	95%	9.177	17.564
2	Annual Review of Plant Biology <i>Molecular Biology</i>	24.20	99%	2/351	2,154	89	97%	5.918	13.038
3	Nature Reviews Genetics <i>Molecular Biology</i>	17.40	99%	3/351	8,367	481	52%	8.277	32.615
4	Nature Reviews Molecular Cell Biology <i>Molecular Biology</i>	17.24	99%	4/351	8,207	476	53%	8.815	32.928
5	Microbiology and Molecular Biology Reviews	14.01	99%	5/351	1,312	97	92%	4.471	11.275

# CiteScore Metrics

Welche Zeitschrift aus dem Fach *Geschichte* hat den höchsten CiteScore?

Journal Metrics

Introducing CiteScore metrics for serials  
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Refine titles ⓘ

Refine by subject areas...

History X

Showing 858 titles

History

- > Agricultural and Biological Sciences
- ✓ Arts and Humanities
  - Archaeology
  - Arts and Humanities (miscellaneous)
  - Classics
  - Conservation
  - General Arts and Humanities
  - History
  - History and Philosophy of Science
  - Language and Linguistics
  - Literature and Literary Theory
  - Museology
  - Music

2015

Show more filters

**JCR: American Historical Review: JIF 1.339**

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	Social Studies of Science <i>History</i>	3.30	99%	1/858	469	142	78%	2.721	1.662
2	Political Geography <i>History</i>	2.73	99%	2/858	410	150	77%	1.647	1.928
3	Journal of Archaeological Science <i>History</i>	2.59	99%	3/858	3,187	1,231	80%	1.318	1.583
4	Men and Masculinities <i>History</i>	2.26	99%	4/858	183	81	57%	1.767	1.136

# CiteScore Metrics

## Introducing CiteScore metrics for serials

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Refine titles 

[CiteScore 2015 methodology](#) [Download all metrics](#)

Refine by subject areas...



Search titles...



2015



Show more filters

Economic Policy  Cancer Cell 

Historische Zeitschrift 

Showing 3 titles

[Clear Filters](#)

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

	Title	CiteScore 	Highest CiteScore Percentile	CiteScore Rank	Citations 2015 	Documents 2012-14 	% Cited	SNIP	SJR
1	<a href="#">Cancer Cell</a> <i>Cancer Research</i>	16.27	99%	1/193	8,882	546	88%	4.665	13.922
2	<a href="#">Economic Policy</a> <i>Economics and Econometrics</i>	2.58	89%	56/521	155	60	68%	3.518	2.052
3	<a href="#">Historische Zeitschrift</a> <i>History</i>	0.15	48%	431/858	12	79	13%	0.245	0.129

Records per page 25 

1

About Scopus

What is Scopus?

About CiteScore metrics

What are CiteScore metrics?

JCR: Cancer Cell: JIF 23.214  
Economic Policy: JIF 2.062  
Historische Zeitschrift 00

# CiteScore Metrics

## Fazit:

CiteScore soll als Konkurrenz zum Impact-Faktor ebenfalls den Stellenwert von Zeitschriften innerhalb ihres Fachgebiets zeigen.

- CiteScore misst die **Aufmerksamkeit**, die eine Zeitschrift erhält, ohne die inhaltliche Qualität der Artikel zu bewerten und kann als **ein** Kriterium in die Beurteilung eingehen.

# Eigenfactor

- seit 2007 kostenfreies Angebot des **Bergstrom Laboratory des Fachbereichs Biologie der University of Washington** zur Bestimmung des wissenschaftlichen Einflusses wissenschaftlicher Zeitschriften mit Hilfe der gegenseitigen Zitationen von Artikeln.
- bibliometrische Kennzahl für Zeitschriften
- Alternative zum kostenpflichtigen Impact Factor des Journal Citation Reports von Thomson Reuters
- Grundlage: Zeitschriften aus dem **Web of Science** und über 115.000 weitere Referenzen aus Zeitungen, Zeitschriften und anderen Quellen

# Eigenfactor

Vorteile:

- mehr Gewicht für Zitate aus Zeitschriften mit höheren Einfluss
- Zitationsentwicklung über fünf Jahre
- berücksichtigt auch die unterschiedlichen Zitierstandards und Zeitmaßstäbe verschiedener wissenschaftlicher Disziplinen

→ Misst wie Impact-Faktor und SNIP die Aufmerksamkeit, die eine Zeitschrift erhält, ohne eine Aussage zur inhaltlichen Qualität eines Aufsatzes zu machen.

# Hirsch-Index / h-Index

Der von dem argentinischen Physiker Jorge E. Hirsch entwickelte H-Index ist eine bibliometrische Kennzahl zur Bewertung der wissenschaftlichen Leistung **eines Autors**.

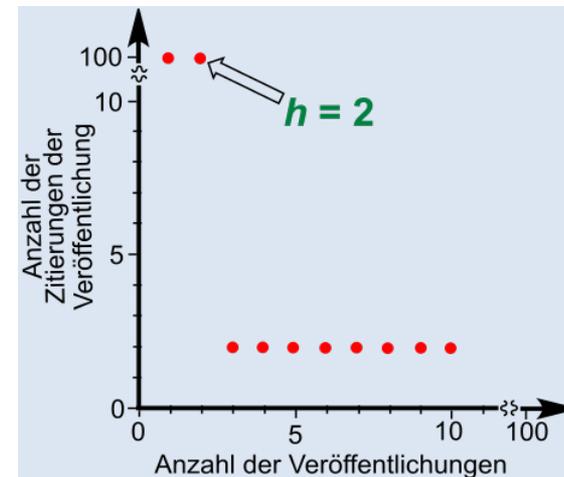
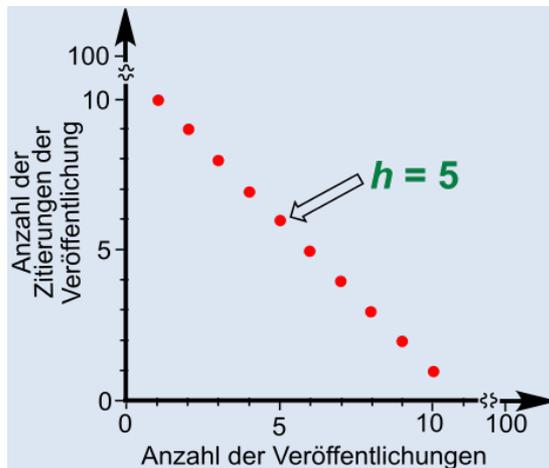
Er wird berechnet aus der Anzahl der Publikationen eines Autors und der Häufigkeit der Zitationen des einzelnen Artikels. Grundlage können das **Web of Science**, **Scopus** oder **Google Scholar** sein.

Der Index  $h$  eines Wissenschaftlers wurde definiert als die Anzahl der Publikationen dieses Wissenschaftlers, die mindestens  $h$  mal zitiert wurden.

# Hirsch-Index / h-Index

Beispiele:

Bei Zitathäufigkeiten 10, 9, 8, 7, 6, 5, 4, 3, 2, 1 ist der Hirschfaktor 5, weil fünf Veröffentlichungen mindestens fünfmal, die restlichen höchstens fünfmal zitiert wurden.



Bei Zitathäufigkeiten 100, 100, 2, 2, 2, 2, 2, 2, 2 ist der Hirschfaktor 2, weil zwei Veröffentlichungen mindestens zweimal, die restlichen höchstens zweimal zitiert wurden.

# Hirsch-Index / h-Index

## Beispiele:

**Paul Robin Krugman**, Professor für Volkswirtschaftslehre an der Princeton University und Träger des Nobelpreises für Wirtschaftswissenschaften 2008



**Stephen William Hawking**, theoretischer Physiker und Astrophysiker, lehrte bis 2009 an der Universität Cambridge

bei Namensgleichheit : - Fachgebiet und Institution (Affiliation) zur Eingrenzung  
- Abhilfe: Autor registriert sich bei ORCID oder ResearcherID

# Hirsch-Index / h-Index

**WEB OF SCIENCE™**  THOMSON REUTERS™

**Search** My Tools ▾ Search History Marked List

**Author Search Results: 213 Records 10 Article Groups**

You searched for: AU=(krugman p\*) ...[More](#)

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**Refine Results**

Search within results for  

**Web of Science Categories**

- ECONOMICS (85)
- HUMANITIES MULTIDISCIPLINARY (55)
- BUSINESS (41)
- INTERNATIONAL RELATIONS (19)
- BUSINESS FINANCE (7)

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**Document Types**

- ARTICLE (108)
- BOOK REVIEW (53)
- EDITORIAL MATERIAL (39)
- PROCEEDINGS PAPER (15)
- LETTER (9)

Category:  Publication Date -- newest to oldest ▾

Page 1 of 22

Select Page   [Save to EndNote online](#) [Add to Marked List](#)

**Metriken zur Leistung des Autors**

1. **THIS FIGHT IS OUR FIGHT The Battle to Save America's Middle Class**  
 By: **Krugman, Paul**  
 NEW YORK TIMES BOOK REVIEW Volume: 122 Issue: 19 Pages: 12-12 Published: MAY 7 2017  

2. **ECONOMICS FOR THE INQUISITIVE. ON WHAT THE NOBEL LAUREATES REFLECT**  
 By: **Krugman, Pol R.**; Solou, Robert M.; Smit, Vernon L.  
 EKONOMICHESKAYA POLITIKA Volume: 11 Issue: 5 Pages: 162-170 Published: OCT 2016  
 [Full Text from Publisher](#)
3. **Economics for the Curious. Inside the Minds of 12 Nobel Laureates**  
 By: **Krugman, Paul R.**; Smith, Vernon L.; Solow, Robert M.  
 EKONOMICHESKAYA POLITIKA Volume: 11 Issue: 5 Pages: 180-187 Published: OCT 2016  
 [View Abstract](#)
4. **The End of Alchemy: Money, Banking, and the Future of the Global Economy**  
 By: **Krugman, Paul**

[Analyze Results](#)

**Create Citation Report**

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*(from Web of Science Core Collection)*

**Usage Count ▾**

**Times Cited: 0**  
*(from Web of Science Core Collection)*

**Usage Count ▾**

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*(from Web of Science Core Collection)*

**Usage Count ▾**

**Auswahl nach Disziplin** (points to Web of Science Categories)

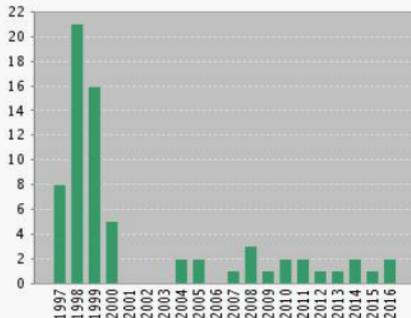
# Hirsch-Index / h-Index

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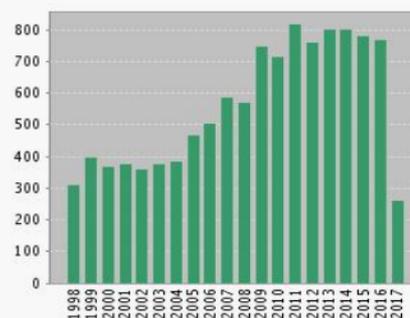
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Citations in Each Year



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Results found: 142

Sum of the Times Cited [?] : 12693

Sum of Times Cited without self-citations [?] : 12637

Citing Articles [?] : 10033

Citing Articles without self-citations [?] : 10007

Average Citations per Item [?] : 89.39

**h-index [?] : 43**

Sort by: **Times Cited -- highest to lowest**

Page 1 of 15

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between **1945** and **2017**

- 1. **INCREASING RETURNS AND ECONOMIC-GEOGRAPHY**  
By: KRUGMAN, P  
JOURNAL OF POLITICAL ECONOMY Volume: 99 Issue: 3 Pages: 483-499 Published: JUN 1991
- 2. **SCALE ECONOMIES, PRODUCT DIFFERENTIATION, AND THE PATTERN OF TRADE**  
By: KRUGMAN, P

	2013	2014	2015	2016	2017	Total	Average Citations per Year
	801	801	781	769	263	12693	309.59
	182	151	181	162	56	2439	90.33
	76	90	91	91	24	1114	29.32

# Hirsch-Index / h-Index

## Author search

Documents **Authors** Affiliations Advanced

Compare sources >

Search tips ?

Author last name

krugman

e.g. Smith

Author first name

p

e.g. J.L.

Affiliation

e.g. University of Toronto

Show exact matches only

Search Q

## 7 author results

About Scopus Author Ident

Author last name "krugman", Author first name "p"

Edit

- Show exact matches only
- Show profile matches with one document

### Refine results

Limit to Exclude

#### Source title

- ACM SIGPLAN Notices (1) >
- American Economic Review (1) >
- American Journal Of Obstetrics And Gynecology (1) >
- Artforum International (1) >
- Australian Economic Papers (1) >

View more

#### Affiliation

Sort on: Document count (high-low)

All Show documents View citation overview Request to merge authors

Author	Documents	Subject area	Affiliation	City	Country/Territory
<input type="checkbox"/> 1 Krugman, Paul Krugman, By Paul Krugman, Paul R. Krugman, Paul A. View last title v	99	Economics, Econometrics and Finance ; Social Sciences ; Business, Management and Accounting; ...	Princeton University	Princeton	United States
<input type="checkbox"/> 2 Krugman, Philip I. Krugman, P.I. View last title v	3	Medicine	Atlanta Medical Center	Atlanta	United States

Display: 20 results per page

1

Top of

# Hirsch-Index / h-Index

## Author details

The Scopus Author Identifier assigns a unique number to groups of documents written by the same author via an algorithm that matches authorship based on a certain criteria. If a document cannot be confidently matched with an author identifier, it is grouped separately. In this case, there is more than 1 entry for the same author.

1 results | 1 of 7 Next >

**Krugman, Paul** ←

Princeton University, Department of Economics, Princeton, United States

Author ID: 7003846555

Documents: 99

Citations: 13018 total citations by 9998 documents

**h-index: 38** ?

Analyze author output

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About Scopus Author Identifier | **View potential author matches**

Other name formats: Krugman, By Paul  
Krugman, Paul R.  
Krugman, Paul A.  
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# Hirsch-Index / h-Index

Web of Science THOMSON REUTERS

Search

Author Search Results: **178 Records** | **6 Article Groups**

searched for: AU=(hawking s\*) ...More

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Sort by: Publication Date -- newest to oldest

Page 1 of 18

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Analyze Results | **Create Citation Report**

Web of Science Categories

- PHYSICS PARTICLES FIELDS (88)
- ASTRONOMY ASTROPHYSICS (77)
- MULTIDISCIPLINARY SCIENCES (30)
- PHYSICS MULTIDISCIPLINARY (27)
- PHYSICS MATHEMATICAL (21)

Refine options / values... Refine

Document Types

- ARTICLE (152)
- PROCEEDINGS PAPER (6)

1. **What was the first cooked meal?**  
 By: Hawking, Stephen  
 NEW SCIENTIST Volume: 232 Issue: 3098 Pages: 36-39 Published: NOV 5 2016  
 S-F-X Full Text from Publisher

2. **Sugar beet pectin fractionated using isopropanol differs in galacturonic acid, protein, ferulic acid and surface hydrophobicity**  
 By: Karnik, Deepika; Jung, Jiyoung; **Hawking, Samatha**, et al.  
 FOOD HYDROCOLLOIDS Volume: 66 Pages: 179-185 Published: OCT 2016  
 S-F-X Full Text from Publisher View Abstract

3. **Soft Hair on Black Holes**  
 By: Hawking, Stephen W.; Perry, Malcolm J.; Strominger, Andrew  
 PHYSICAL REVIEW LETTERS Volume: 116 Issue: 23 Article Number: 231301 Published: JUN 6 2016  
 S-F-X Full Text from Publisher View Abstract

Times Cited: 0 (from Web of Science Core Collection)  
 Usage Count

Times Cited: 2 (from Web of Science Core Collection)  
 Usage Count

Times Cited: 55 (from Web of Science Core Collection)  
 Hot Paper  
 Highly Cited Paper



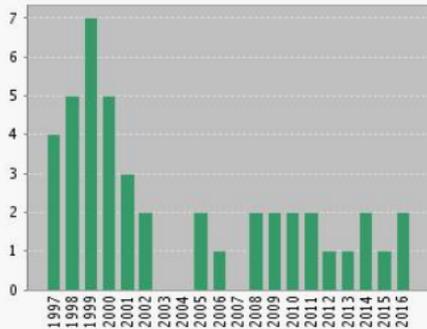
# Hirsch-Index / h-Index

from Web of Science Core Collection)

You searched for: **AU=(hawking s\*)** ...More

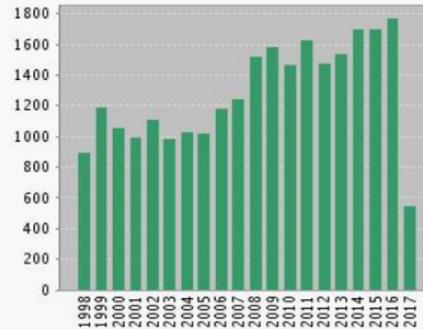
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**Published Items in Each Year**



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**Citations in Each Year**



The latest 20 years are displayed.  
[View a graph with all years.](#)

Results found:	169
Sum of the Times Cited [?]:	37358
Sum of Times Cited without self-citations [?]:	36912
Citing Articles [?]:	22156
Citing Articles without self-citations [?]:	22029
Average Citations per Item [?]:	221.05
<b>h-index [?]:</b>	<b>78</b>



Sort by: **Times Cited -- highest to lowest** ▾

◀ Page 1 of 17

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between **1945** ▾ and **2017** ▾

1. **PARTICLE CREATION BY BLACK-HOLES**

By: HAWKING, SW  
COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 43 Issue: 3 Pages: 199-220 Published: 1975

2. **BLACK-HOLE EXPLOSIONS**

2013	2014	2015	2016	2017	Total	Average Citation per Year
1542	1699	1707	1771	554	37358	718.42
289	254	307	306	88	5569	129.51

# Hirsch-Index / h-Index

## Author details

**Hawking, Stephen**  
 University of Cambridge, Cambridge, United Kingdom  
 Author ID: 6701475619

[Print](#) | [E-mail](#)

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Other name formats: HAWKING, S. W.  
 Hawking, Stephen W.  
 Hawking, S. W.

**Documents: 148**

Citations: 29943 total citations by 18443 documents

**h-index: 68**

**h5-authors: 42**

Research area: Physics and Astronomy, Mathematics [View More](#)

[Analyze author output](#)

[View citation overview](#)

[View h-graph](#)

**Documents** | Cited by 18443 documents | 42 co-authors

148 documents [View all in search results format](#)

Sort on: [Date](#) [Cited by](#) [...](#)

[Export all](#) | [Add all to list](#) | [Set document alert](#) | [Set document feed](#)

Document Title	Author(s)	Year	Journal	Citations
Pair on Black Holes	Hawking, S.W., Perry, M.J., Strominger, A.	2016	Physical Review Letters	45
...demand that a theory correspond to reality because i don't know what it is. Reality is quality you can test with litmus paper. all i'm concerned with is that the theory should fit the results of measurements	Hawking, S.	2016	Springer Series in Materials Science	0
...arities and the geometry of spacetime	Hawking, S.	2014	European Physical Journal H	1
...um probabilities for inflation from holography	Hartle, J.B., Hawking, S.W., Hertog, T.	2014	Journal of Cosmology and Astroparticle Physics	13
...ology from the top down (Book Chapter)	Hawking, S.	2013	Universe or Multiverse?	0

**Author History**

Publication range: 1965 - 2016

References: 1510

**Source history:**

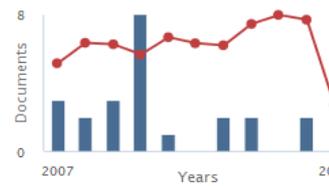
[Physica Scripta](#) [View details](#)

[Journal of Cosmology and Astroparticle Physics](#) [View details](#)

[Contemporary Physics](#) [View details](#)

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Documents Citations

# Hirsch-Index / h-Index

Hawking, Stephen [Back to author details page](#)  
 University of Cambridge, Cambridge, United Kingdom  
 Author ID:6701475619

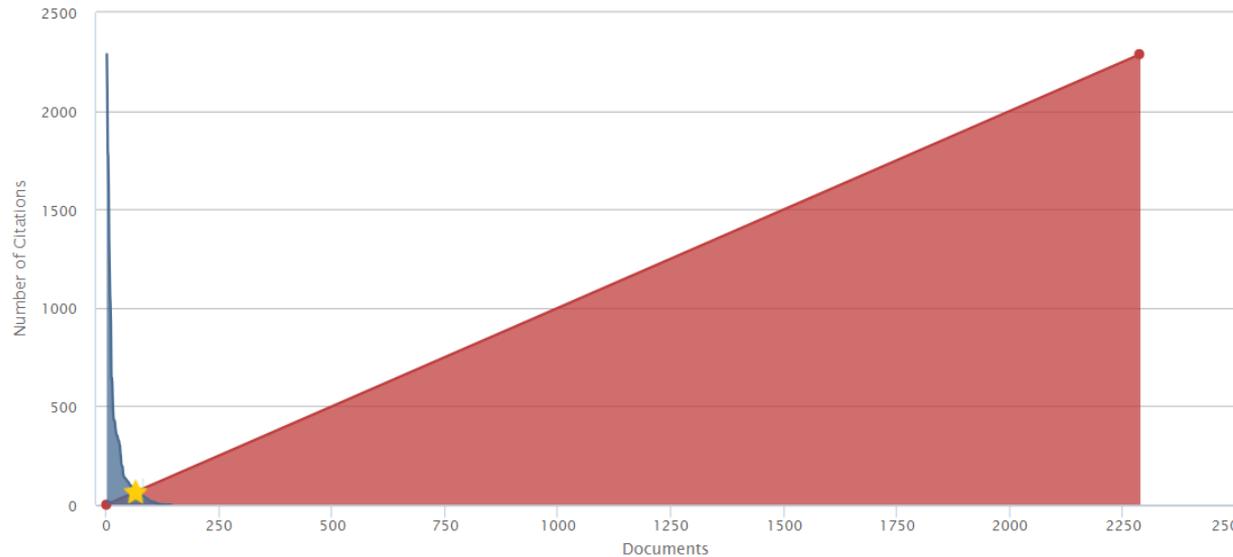
Documents (144) **h-index (67)** Citations (29624) Co-authors (42)

Analyze documents published between: 1970 to 2017  Exclude self citations  Exclude citations from books [Update Graph](#)

Documents	Citations	Title
1	2288	Black hole explosions?
2	2096	Particle creation by black holes
3	1792	Wave function of the Universe
4	1768	Action integrals and partition func...
5	1608	Cosmological event horizons, the...
6	1347	The four laws of black hole mech...
7	1219	The development of irregularities ...
8	1075	Thermodynamics of black holes i...
9	1016	Breakdown of predictability in gra...
10	930	Zeta function regularization of pat...
11	645	Path-integral derivation of black-...
12	645	Black holes in general relativity
13	616	Black holes and thermodynamics
14	531	Supercooled phase transitions in ...
15	471	The quantum state of the universe
16	433	Chronology protection conjecture

**This author's h-index is 67**

The h-index is based upon the number of documents and number of citations.



Note: Scopus is in progress of updating pre-1996 cited references going back to 1970. The h-index might increase over time.

# Hirsch-Index / h-Index

## Vorteile:

- Zitierhäufigkeit bezieht sich auf einen Artikel und seinen Autor.
- Alle Artikel eines Autors und ihre Zitierungen werden beurteilt.
- weniger leicht manipulierbar

## Nachteile:

- Besonders hoch zitierte Artikel werden nur wenig berücksichtigt.
- Ältere Wissenschaftler werden begünstigt → Anzahl der Publikationen, Zeitraum für Zitierungen
- Publikationskultur der unterschiedlichen Disziplinen wird nicht berücksichtigt.

→ Die Produktivität eines Wissenschaftlers und die Aufmerksamkeit, die seine Publikationen erhalten, werden abgebildet.

→ Der H-Index ermöglicht nur Vergleiche innerhalb eines Fachgebiets.

# Altmetriken

- Alternative Metriken als Weiterentwicklung der traditionellen bibliometrischen Kennzahlen
- berücksichtigen neue Techniken wissenschaftlichen Arbeitens und Quellen des Web 2.0

Gemessen werden Aktionen, die Webdokumente

- nutzen (aufrufen und herunterladen)
- besprechen und verlinken, auf Webseiten von wissenschaftlichen Institutionen oder Nachrichtenportalen
- diskutieren und liken z.B. in (Mikro-)Blogs oder sozialen Netzwerken
- referenzieren in webbasierten Literaturmanagementsystemen wie Mendeley

# Altmetriken

## Vorteile:

- Altmetriken berücksichtigen die durch das Internet veränderten Arbeitsweisen und Kommunikationswege.
- Die **Aufmerksamkeit**, die eine Publikation erhält wird deutlich vielfältiger abgebildet.
- Open Access-Publikationen werden berücksichtigt.
- Beurteilung auf Artikelebene individuell, nicht nach Quelle, in der er veröffentlicht wurde
- Ausdehnung auf weitere Veröffentlichungsformen neben Zeitschriftenartikeln
- Erwähnung in Netzwerken schneller als bei klassischen Veröffentlichungsformen/Zitationen
- meist aus offenen Quellen über offene Schnittstellen → transparenter
- nicht beschränkt auf wissenschaftliche Reaktionen (gleichzeitig Nachteil?)
- Einbinden auf Verlagsseiten, universitären Repositorien usw. möglich

# Altmetriken

## Schwächen der Methode:

- Die Qualität der Auseinandersetzung mit der Publikation kann nicht beurteilt werden.
- Die Zahlen können leicht manipuliert werden.
- Populäre Autoren und Themen finden im Internet besonders viel Beachtung.
- nicht beschränkt auf wissenschaftliche Reaktionen
- wichtige Portale nicht berücksichtigt, da keine offenen Schnittstellen  
z.Zt. Research Gate, academia.edu

Hintergrundwissen wie bei allen Methoden erforderlich

z.B.: Werden Tweets von Bots bereinigt?

Werden Tweets und Retweets ohne Unterscheidung gezählt?

# Altmetriken

Zum Weiterlesen:

J. Priem, D. Taraborelli, P. Groth, C. Neylon (2010), Altmetrics: A manifesto, 26 October 2010. <http://altmetrics.org/manifesto>

Hicks, Diana ; Wouters, Paul ; Waltman, Ludo ; de Rijcke, Sarah ; Rafols, Ismael ; Langhanke, Gerald : Bibliometrie: Das Leidener Manifest zu Forschungsmetriken. [Online-Edition]

In: Nature (520) pp. 429-431. ISSN 1476-4687 (2015)

[http://tuprints.ulb.tu-darmstadt.de/5016/1/leiden\\_manifesto\\_german\\_leidener\\_manifest.pdf](http://tuprints.ulb.tu-darmstadt.de/5016/1/leiden_manifesto_german_leidener_manifest.pdf)

San Francisco Declaration on Research Assessment

<http://www.ascb.org/files/SFDeclarationFINAL.pdf>



## Altmetric – alternative metrics

Altmetric Score von Altmetric.com: Zählung verschiedener Webquellen, bei denen eine Aktion zu einer Publikation erfolgte. Es werden nach Quellentyp kategorisierte Einzelwerte und ein zusammenfassender, gewichteter Score ausgegeben.



## Altmetric Attention Score and donut

### Farben des Donuts



- Policy documents
- News
- Blogs
- Twitter
- Post-publication peer-reviews
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- Sina Weibo
- Wikipedia
- Google+
- LinkedIn
- Reddit
- Faculty1000
- Q&A (stack overflow)
- Youtube
- Pinterest

Einbinden auf Verlagsseiten, universitären Repositorien usw. möglich



**Altmetric**

Suche in Google Scholar

Beispiele:

Krugman, Paul: Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach. In: QUARTERLY JOURNAL OF ECONOMICS. 2012. 127,3 pp: 1469-1513

Hawking, Stephen W. : Information loss in black holes. In: PHYSICAL REVIEW D 2005. 72.8



# Altmetric

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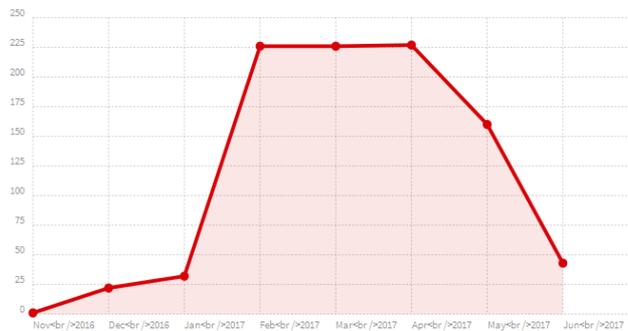
## Debt, Deleveraging, and the Liquidity Trap: A Approach\*



### Metrics

Total Views	531 Pageviews
937	406 PDF Downloads

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### Citations

139 Web of Science

### Shares



See more details

- Blogged by 5
- Referenced in 2 policy sources
- Tweeted by 21
- On 2 Facebook pages
- Reddited by 1
- 374 readers on Mendeley
- 2 readers on CiteULike

<https://doi.org/10.1093/qje/qjs023>

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ew Keynesian-style model of debt-driven an overhang of debt on the part of some everaging, is depressing aggregate onstrained is a surprisingly powerful , the possibility of a liquidity trap, the n-type multiplier, and a rationale for naturally from the model. We argue that at both on current economic difficulties Japan's lost decade (now in its 18th year) Codes: E32, E52, E62)

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# Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach

Overview of attention for article published in Quarterly Journal of Economics, January 2012



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In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- 5 blogs
- 2 policy sources
- 21 tweeters
- 2 Facebook pages
- 1 Redditor

Readers on

- 374 Mendeley
- 2 CiteULike

**SUMMARY**

Blogs

Policy documents

Twitter

Facebook

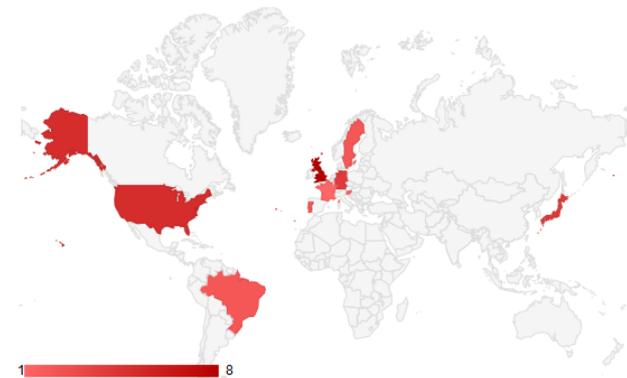
Reddit

**Title** Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach  
**Published in** Quarterly Journal of Economics, January 2012  
**DOI** 10.1093/qje/qjs023 [↗](#)  
**Authors** Paul Krugman, Gauti B. Eggertsson, Eggertsson, Gauti B., Krugman, Paul

TWITTER DEMOGRAPHICS

**MEUDELEY READERS**

**?** The data shown below were compiled from readership statistics for **374** Mendeley readers of this research output. [Click here to see](#)





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# Debt, Deleveraging, and the Liquidity Trap: A Fisher-Minsky-Koo Approach

Overview of attention for article published in Quarterly Journal of Economics, January 2012



About this Attention Score

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- 21 tweeters
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- SUMMARY
- Blogs
- Policy documents**
- Twitter
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So far, Altmetric has seen **8** policy documents that reference this research output.



## Follow the Money: Methods for Identifying Consumption and Investment Responses to a Liquidity Shock

Cited by National Bureau of Economic Research on 01 Dec 2013

The National Bureau of Economic Research (NBER) is a private, non-profit, non-partisan organisation dedicated to conducting economic research and to disseminating research findings among academics, public policy makers, and business professionals.



## Amerisclerosis? The Puzzle of Rising

Cited by National Bureau of Economic Research  
The National Bureau of Economic Research (NBER) is a private, non-profit, non-partisan organisation dedicated to conducting economic research and to disseminating research findings among academics, public policy makers, and business professionals.



## Wealth Shocks and Macroeconomic Dynamics

Cited by Brookings Institute on 05 Sep 2013

One of Washington's oldest think tanks, Brookings conducts research and education in the social sciences, primarily in economics, metropolitan policy, governance, foreign policy, and global economy and development.



## Paradox of Thrift Recessions

Cited by National Bureau of Economic Research  
The National Bureau of Economic Research (NBER) is a private, non-profit, non-partisan organisation dedicated to conducting economic research and to disseminating research findings among academics, public policy makers, and business professionals.



## The Time for Austerity: Estimating the Average Treatment Effect of Fiscal Policy

Cited by National Bureau of Economic Research on 01 Sep 2013

The National Bureau of Economic Research (NBER) is a private, non-profit, non-partisan organisation dedicated to conducting economic research and to disseminating research findings among academics, public policy makers, and business professionals.



## A Theory of Macroprudential Policies and Rigidities

Cited by National Bureau of Economic Research  
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# PHYSICAL REVIEW D

covering particles, fields, gravitation, and cosmology

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## Information loss in black holes

S. W. Hawking  
Phys. Rev. D **72**, 084013 – Published 18 October 2005



## Information Loss in Black Holes

Overview of attention for article published in Physical Review D: Particles Fields Gravitation and Cosmology, January 2005



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

SUMMARY News Blogs Twitter Facebook **Wikipedia** Google+

So far, Altmetric has seen 9 citations on 8 Wikipedia pages.



### String theory

Cited by user Dick "Rock Hard" Johnson on 24 Oct 2016  
FNAF theory 101 this theory consists of vincent de lergno and his adventures through string theory.he embarks on his journey through endocrine wrinkles in Earth...



### String theory

Cited by user 49.146.6  
John Vincent Orlando  
Canadian singer and c



### Stephen Hawking

Cited by user Jacquefeller on 19 Nov 2015  
Stephen William Hawking, CH, CBE, FRS, FRSA, fdd 8 januari 1942 i Oxford, England, r en brittisk fysiker, kosmologiforskare, populrvetenskaplig frfattare och...



### No-hair theorem

Cited by user Jonesey  
The no-hair theorem p  
of gravitation and elec



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## Patient-Specific Embryonic Stem Cells Derived from Human SCNT Blastocysts

Woo Suk Hwang<sup>1,2,\*</sup>, Sung Il Roh<sup>3</sup>, Byeong Chun Lee<sup>1</sup>, Sung Keun Kang<sup>1</sup>, Dae Kee Kwon<sup>1</sup>, Sue Kim<sup>1</sup>, Sun Jong Kim<sup>1</sup>

+ See all authors and affiliations

Science 17 Jun 2005:  
 Vol. 308, Issue 5729, pp. 1777-1783  
 DOI: 10.1126/science.1112286

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**Patient-specific embryonic stem cells derived from human SCNT blastocysts (Retracted Article. See vol 311, pg 335, 2006)**

By: Hwang, WS (Hwang, WS); Roh, SI (Roh, SI); Lee, BC (Lee, BC); Kang, SK (Kang, SK); Kwon, DK (Kwon, DK); Kim, S (Kim, S); Kim, SJ (Kim, SJ); Park, SW (Park, SW); Kwon, HS (Kwon, HS); Lee, CK (Lee, CK)...More

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**SCIENCE**  
 Volume 308, Issue 5729, Pages 1777-1783

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### AltMetrics



- Picked up by 4 news outlets
- Blogged by 13
- Referenced in 2 policy sources
- Referenced in 2 Wikipedia pages
- 79 readers on Mendeley
- 4 readers on CiteULike

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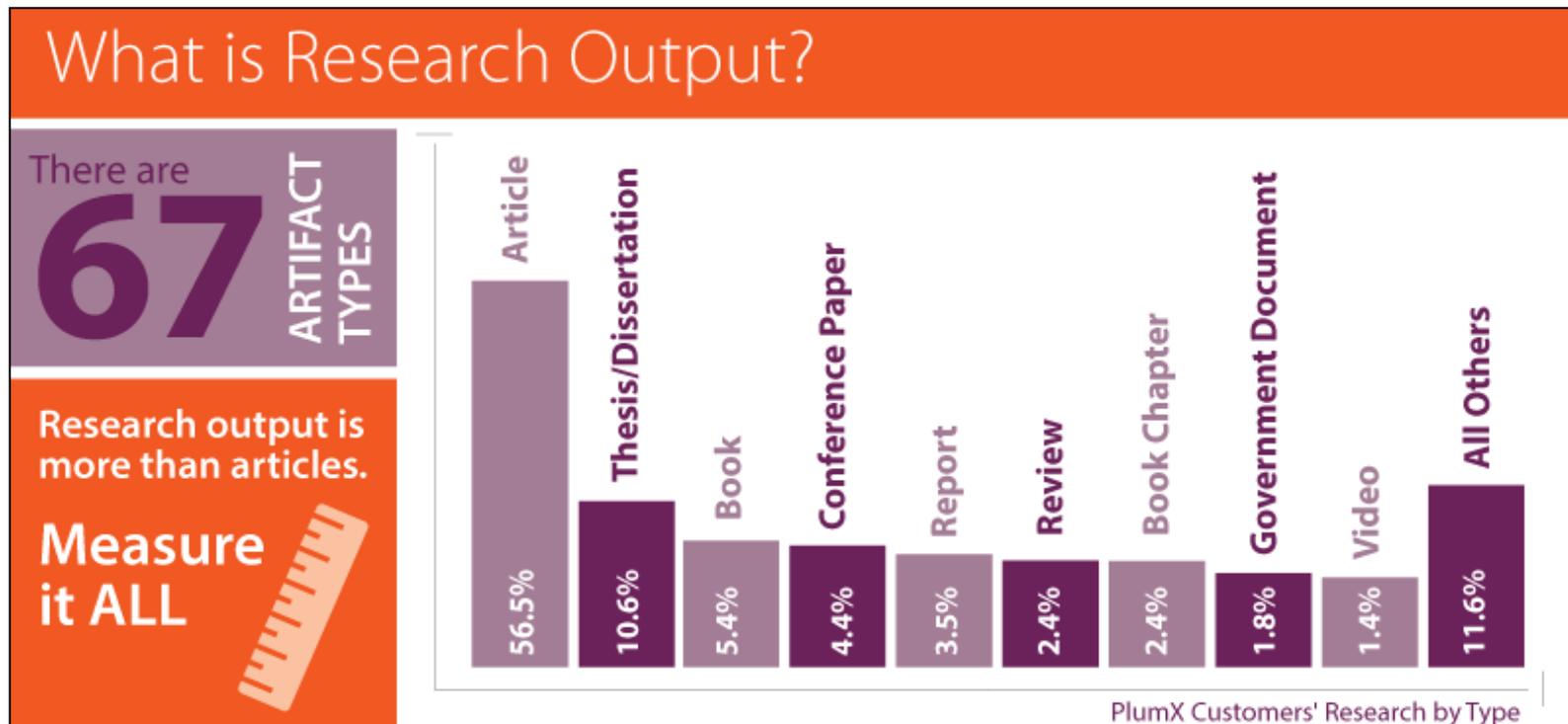
### Article usage

	Abstract	Full	PDF
May 2005	10495	11	8481
Jun 2005	12056	2352	5977
Jul 2005	1352	1420	1561
Aug 2005	774	1006	840
Sep 2005	458	717	679
Oct 2005	490	881	660
Nov 2005	873	1897	1413
Dec 2005	9212	21159	21226
Jan 2006	4767	5727	6512
Feb 2006	1091	1427	1258
Mar 2006	753	950	893
Apr 2006	381	645	518
May 2006	222	620	446

# Plum Analytics

gegründet 2012

seit Februar 2017 Angebot von Elsevier



<http://plumanalytics.com/learn/about-artifacts/>

# Plum Analytics

Ausweitung auf weitere Quellen, die wissenschaftlichen Output Beachtung schenken

We categorize metrics into 5 separate categories: Usage, Captures, Mentions, Social Media, and Citations.

Examples of each type are:



**Usage** – clicks, downloads, views, library holdings, video plays

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**Captures** – bookmarks, code forks, favorites, readers, watchers

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**Mentions** – blog posts, comments, reviews, Wikipedia links

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PLoS ONE Open Access  
 Volume 8, Issue 5, 28 May 2013, Article number e64841

### Do **Altmetrics** Work? Twitter and Ten Other Social Web Services (Article)

Thelwall, M.<sup>a</sup>  Haustein, S.<sup>be</sup> Larivière, V.<sup>bc</sup> Sugimoto, C.R.<sup>d</sup> 

<sup>a</sup>School of Technology, University of Wolverhampton, Wolverhampton, United Kingdom  
<sup>b</sup>École de bibliothéconomie et des sciences de l'information, Université de Montréal, Montréal, QC, Canada  
<sup>c</sup>Observatoire des sciences et des technologies, Centre interuniversitaire de recherche sur la science et la technologie, Université du Québec à Montréal, Montréal, QC, Canada

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---

#### Abstract ▾ View references (43)

Altmetric measurements derived from the social web are increasingly advocated and used as early indicators of article impact and usefulness. Nevertheless, there is a lack of systematic scientific evidence that **altmetrics** are valid proxies of either impact or utility although a few case studies have reported medium correlations between specific **altmetrics** and citation rates for individual journals or fields. To

Metrics ⓘ [View all metrics >](#)

- 191  Citations 99th Percentile
- 20.77  Field-Weighted Citation Impact
- 512  Mendeley Readers 99th Percentile
- 23  Blog posts
- 305  Tweets 99th Percentile
- 9  Mass Media mentions
- 31  Mentions in 4 additional sources

# Plum Analytics

Metric details 

Do Altmetrics Work? Twitter and Ten Other Social Web Services [Back to article](#)  
 (2013) PLoS ONE, 8(5), art. no. e64841,

<b>Overview</b>	Citations	Scholarly Activity Mendeley, CiteULike, etc.	Scholarly Commentary Blogs, Reviews, Wikipedia, etc.	Mass Media	Social Activity Twitter, Facebook, etc.
-----------------	-----------	---	---	------------	--

### Overview

Citation Count 

**191**

Cited by in Scopus 

Field-Weighted Citation Impact 

**20.77**



Citation Benchmarking 

99th percentile 

Compared to Agricultural and Biological Sciences articles of the same age and document type 

Mendeley 

**512** Readers

Blogs 

**23** Posts

Wikipedia 

**1** Mention

Twitter 

**305** Tweets

Facebook 

**5** Posts

1 Other sources

**5** Mentions

### Engagement highlights

 **Scholarly Activity** - 532 readers from 2 sources

Downloads and posts in common research tools



**Mendeley:** 512 Readers  
**Top Discipline:** Social Sciences  
**Top Demographic:** Librarian  
[Save to Mendeley](#)



**CiteULike:** 20 Saves

 **Social Activity** - 315 mentions from 3 sources

Mentions characterized by rapid, brief engagement on platforms used by the general population, such as Twitter, Facebook, and Google +.



305 tweets from 282 accounts



5 Facebook posts from 5 accounts



5 Google+ posts from 5 accounts

# PLOS- Article-Level Metrics (ALMs)

## PLOS - Public Library of Science

nichtkommerzielles Open-Access-Projekt für wissenschaftliche Publikationen in den USA

Beispiele:

- PLOS Medicine: Journal Impact Faktor 13,5 (2015), Rank 7/155
- PLOS Biology: Journal Impact Faktor 8,6 (2015), Rank 21/289

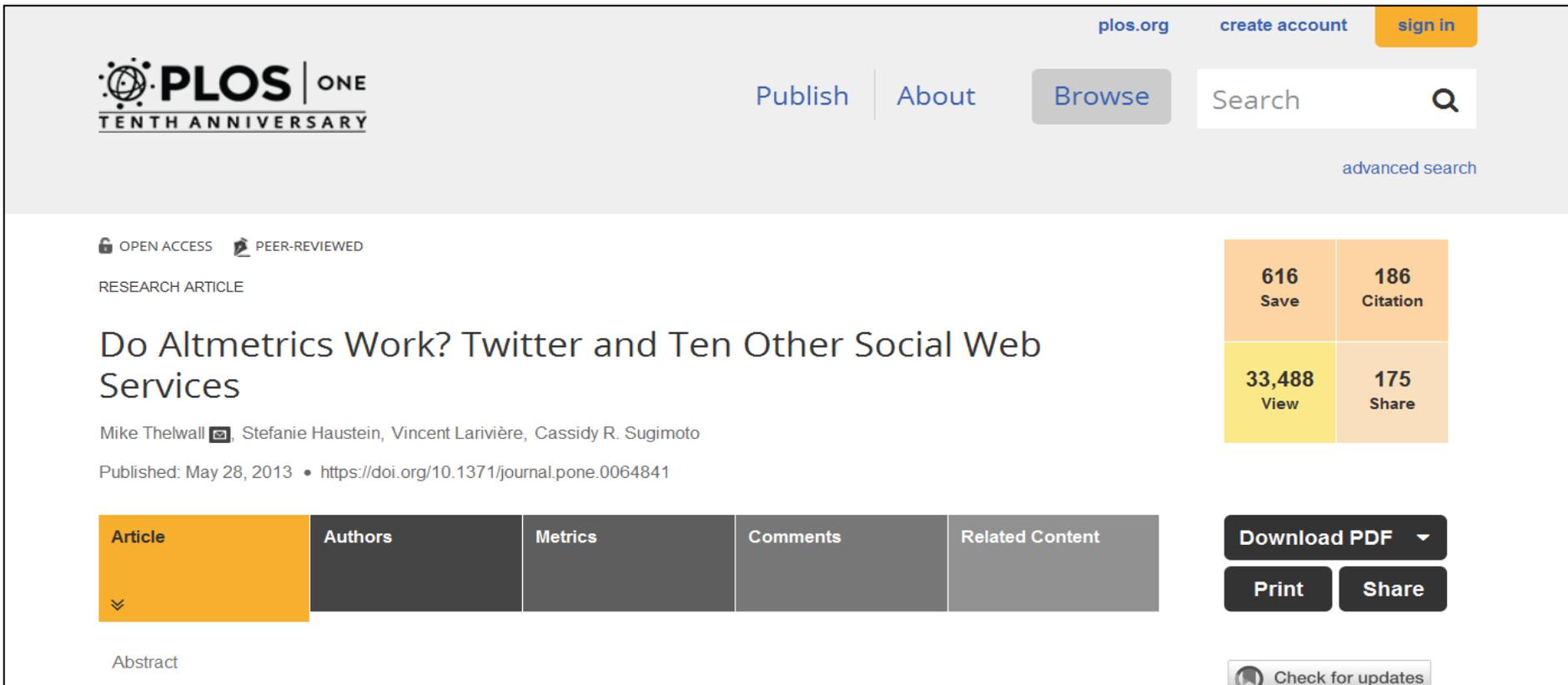


# PLOS- Article-Level Metrics (ALMs)

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<http://www.lagotto.io/plos/#citationInfo>

# PLOS- Article-Level Metrics (ALMs)



The screenshot shows the PLOS ONE article page for "Do Altmetrics Work? Twitter and Ten Other Social Web Services". The page features a navigation bar with "Publish", "About", and "Browse" links, a search bar, and a "sign in" button. The article is marked as "OPEN ACCESS" and "PEER-REVIEWED". The title is "Do Altmetrics Work? Twitter and Ten Other Social Web Services" by Mike Thelwall, Stefanie Haustein, Vincent Larivière, and Cassidy R. Sugimoto. The article was published on May 28, 2013. The article-level metrics (ALMs) are displayed in a table:

616 Save	186 Citation
33,488 View	175 Share

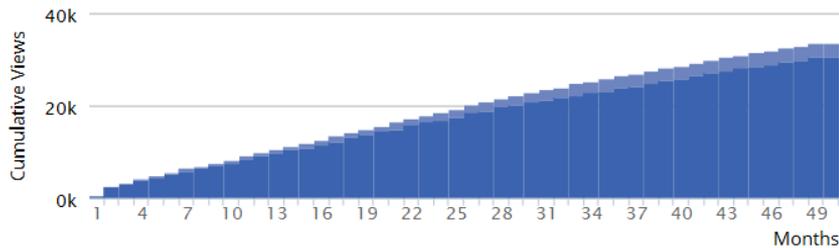
Below the metrics, there are buttons for "Download PDF", "Print", and "Share". A "Check for updates" button is located at the bottom right. The article is categorized under "Article", "Authors", "Metrics", "Comments", and "Related Content". The "Article" tab is currently selected.

# PLOS- Article-Level Metrics (ALMs)

## Viewed <sup>?</sup>

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<b>33,488</b>	<b>PLOS</b> 27,118	3,277	100	<b>30,495</b>
May 28, 2013 (publication date) through Jun 08, 2017 *	<b>PMC</b> 2,424	569	n.a.	<b>2,993</b>
	<b>Totals</b> 29,542	<b>3,846</b>	<b>100</b>	<b>33,488</b>

13.02 % of article views led to PDF downloads



■ Compare average usage for articles published in 2013 in the subject area: <sup>?</sup>

Computer and information sciences | [Show reference set](#)

\*Although we update our data on a daily basis, there may be a 48-hour delay before the most recent numbers are available. PMC data is posted on a monthly basis and will be made available once received.



80

## Cited <sup>?</sup>

 186	 176	 1	 13	 Search
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## Saved <sup>?</sup>

 18	 598
---	--

## Discussed <sup>?</sup>

 5	 164	 11	 1
--	--	---	--



**Ethan White**     
 University of Florida Associate Professor  
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99 PUBLICATIONS

-  [Best Practices for Scientific Computing](#) [full text]  
 2014 *PLoS Biology*  
 2346 
-  [The Case for Open Preprints in Biology](#) [full text]  
 2013  
 530 
-  [Elevating The Status of Code in Ecology](#) [full text]  
 2016 *Trends in Ecology & Evolution*  
 169 
-  [Advancing Macroecology Using Informatics and Entropy Maximization \(NSF Grant #0953694\)](#) [full text]  
 2012  
 89 
-  [The EcoData Retriever: Improving Access to Existing Ecological Data](#) [full text]  
 2013  
 85 
-  [Portal Project Teaching Database](#) [full text]  
 2015 *F1000Research*

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## Best Practices for Scientific Computing

Wilson, G., Aruliah, D.A., Brown, C.T., Chue Hong, N.P., Davis, M., Guy, R.T., Haddock, S.H.D., Huff, K.D., Mitchell, I.M., Plumbley, M.D. et al.  
 2014 *PLoS Biology* [↗](#)

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 **192 tweets** [click to show](#)  
 4 months ago

 also from '14: <https://plus.google.com/+MarkGerstein/posts/D8kYqiqiWL1P> Best Practices for Sci Computing... also from '14: <https://plus.google.com/+MarkGerstein/posts/D8kYqiqiWL1P> Best Practices ...

4 months ago by  
 [Best Practices for Scientific Computing](#)

 **6 tweets** [click to show](#)  
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 **Scientific computing: Code alert**  
 4 months ago by *Nature*  
 [Best Practices for Scientific Computing](#)

 **36 tweets** [click to show](#)  
 5 months ago

 **Best Practices for Sci Computing** <http://journals.PLOS.org/plosbiology>

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-  Google+ posts (71)
-  Blog posts (35)
-  Facebook pages (15)
-  Reddit posts (7)
-  News mentions (5)
-  Q&A post mentions (4)
-  Wikipedia articles (1)
-  Weibo posts (1)



MEasuring The Reliability and perceptions of Indicators for interactions with sCientific productS

**<https://metrics-project.net/>**

**Projekt der Deutschen Forschungsgemeinschaft über 2 Jahre**

**Erforschung und Evaluierung von Altmetriken**

**u.a. Aufbau eines Social-Media-Registry**

# Altmetriken

## Fazit:

Als Methode die Qualität wissenschaftlicher Arbeiten zu beurteilen, sind die Altmetrics ebenso kritisch zu sehen wie die anderen bibliometrischen Methoden, da sie ebenfalls nur die **Aufmerksamkeit**, die eine Publikation erhält, abbilden.



[Bildnachweis: altmetrics: a manifesto – altmetrics.org](http://altmetrics.org)

## Fazit:

Die Bibliometrie zeigt Ihnen, wieviel Aufmerksamkeit eine Zeitschrift (Impact-Faktor), die Publikationen eines Autors (h-Index) oder ein Veröffentlichung (Altmetriken) erhalten haben.



**Aber die inhaltliche Auseinandersetzung mit der Publikation kann sie nicht ersetzen!**