

Updated science-wide author da x +

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Updated science-wide author databases of standardized citation indicators

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Methodology

There was great interest in the databases of standardized citation metrics across all scientists and scientific disciplines [1], and many scientists urged us to provide updates of the databases. Accordingly, we have provided updated analyses that use citations from Scopus with data freeze as of May 6, 2020, assessing scientists for career-long citation impact up until the end of 2019 (Table-S6-career-2019) and for citation impact during the single calendar year 2019 (Table-S7-singleyr-2019). Updated databases and code are freely available in Mendeley (<https://dx.doi.org/10.17632/btchxktzyw>). The original database (version 1) can also be found in <https://data.mendeley.com/datasets/btchxktzyw/1>, and any subsequent updates that might appear in the future will be generally accessible in <https://dx.doi.org/10.17632/btchxktzyw>.

Single year.xlsx - Microsoft Excel (Product Activation Failed)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	authfull	inst_name	cntry	Article C	firstyr	lastyr	nc1919	npditing	(r sm-subfield-1	sm-subfield-2	sm-field	RANK IN WORLD	Total no. of authors in	this field
1	Jain, Narendra Kumar	Rajiv Gandhi Technical Univer	ind	379	1975	2019	62823	1507	Nanoscience & Nanotechnology		Clinical Medicine	363	94611	
2	Moeller, F. Gerard	Virginia Commonwealth Unive	usa	211	1988	2020	62824	931	Substance Abuse		Clinical Medicine	1069	1097	
3	Sarıdemir, Mustafa	Nigde Omer Halisdemir Univer	tur	25	2007	2019	62825	216	Materials		Built Environment & D	373	316	
4	Dey, G. K.	Bhabha Atomic Research Cent	ind	467	1982	2020	62826	926	Energy		Enabling & Strategic Ti	1218	1179	
5	Dupoux, Emmanuel	INRIA Nancy	fra	142	1990	2020	62827	677	Speech-Language Pathology & Audiolog		Psychology & Cognitiv	903	813	
6	Xu, Kun	Hefei National Laboratory for	chn	31	2012	2019	62828	1654	Organic Chemistry		Enabling & Strategic Ti	1899	1718	
7	Loewen, Shawn	Michigan State University	usa	51	2001	2020	62829	319			Communication & Text	123	135	
8	Pitsavos, Christos	National and Kapodistrian Un	grc	449	1989	2020	2250	2048	Cardiovascular Nutrition & Dietetics		Clinical Medicine	2328	152312	
9	Skowron, Elizabeth A.	University of Oregon	usa	51	1994	2020	258	155	Family Studies	General Psychology &	Psychology & Cognitiv	55	2997	
10	Jain, Sanjay K.	Dr. H. S. Gour Vishwavidyalay	ind	274	1988	2020	784	704	Pharmacology & Medicinal & Biomolec		Clinical Medicine	563	94611	
11	Morgenthaler, Timothy I.	Mayo Clinic	usa	142	1984	2020	974	884	Neurology & Nei Respiratory System		Clinical Medicine	4712	227881	
12	Hjemdal, Odin	Norges Teknisk-Naturvitenska	nor	68	1999	2020	444	326	Psychiatry	Experimental Psychol	Psychology & Cognitiv	1521	56373	
13	Brendonck, L.	KU Leuven	bel	165	1990	2020	703	452	Marine Biology	Ecology	Biology	599	37726	
14	Vyas, Suresh P.	Dr. H. S. Gour Vishwavidyalay	ind	322	1988	2019	808	649	Pharmacology & Medicinal & Biomolec		Clinical Medicine	569	94611	
15	Wang, Hua O.	Boston University	usa	255	1989	2020	710	508	Industrial Engin Artificial Intelligence & Engineering			924	87535	
16	Pieracci, Fredric M.	Denver Health Med Center	usa	117	1999	2020	462	390	Surgery	Emergency & Critical C	Clinical Medicine	1235	80940	
17	Dighe, Manjiri	University of Washington, Sea	usa	166	2002	2020	725	655	Nuclear Medicir Obstetrics & Reproduc		Clinical Medicine	1313	84246	
18	Kumar, Ashwani	Dr. H. S. Gour Vishwavidyalay	ind	37	2005	2019	320	307	Biotechnology	Plant Biology & Botan	Enabling & Strategic Ti	950	50343	
19	Cerezuela, Rebeca	Universidad de Murcia	esp	24	2008	2019	288	235	Fisheries	Neurology & Neurosur	Agriculture, Fisheries i	543	27800	
20	Basáñez, María Gloria	Imperial College London	gbr	158	1984	2020	1358	1230	Mycology & Par Tropical Medicine		Biomedical Research	317	20926	
21	Manikyamba, C.	National Geophysical Researc	ind	70	1993	2020	254	147	Geology	Geochemistry & Geopl	Earth & Environmental	364	12609	
22	Wakefield, Bonnie J.	University of Missouri	usa	122	1989	2020	357	338	Nursing	Medical Informatics	Public Health & Health	544	35893	
23	Hoffman, Donna L.	GW School of Business	usa	36	1986	2020	62830	856	Information Systems		Economics & Business	362	343	
24	Hubbard, Glenn	Columbia Business School	usa	63	1982	2017	62831	334	Finance		Economics & Business	859	812	
25	Niess, Eric S.	University of Victoria	can	55	1994	2019	62832	550	Evolutionary Biology		Biology	1280	1282	

Mendeley Data - Data for "Updated science-wide author databases of standardized citation indicators"

data.mendeley.com/datasets/btchxktyw/2

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Version 2
Published: 08-10-2020
DOI: 10.17632/btchxktyw.2

Cite this dataset

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<http://dx.doi.org/10.17632/btchxktyw.2>

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Data

Code

Table-S10-maxlog-2019-career.csv314 B
Table-S11-maxlog-2019-singleyr.csv313 B
Table-S6-career-2019.xlsx61 MB
Table-S7-singleyr-2019.xlsx60 MB
Table-S8-Field-Subfield-Thresholds-career-2019.xlsx65 KB
Table-S9-Field-Subfield-Thresholds-singleyr-2019.xlsx63 KB

Associated article

This data is associated with the following publication:
Updated science-wide author databases of standardized citation indicators
Published in:
PLOS Biology

Previous versions

Version 106-07-2019

Compare to version

Version 2

Institutions

Citation metrics are widely used and misused. We have created a publicly available database of 100,000 top scientists that provides standardized information on citations, h-index, co-authorship adjusted h-index, citations to papers in different authorship positions and a composite indicator. Separate data are shown for career-long and single year impact. Metrics with and without self-citations and ratio of citations to citing papers are given. Scientists are classified into 22 scientific fields and 176 sub-fields. Field- and subfield-specific percentiles are also provided for all scientists who have published at least 5 papers. Career-long data are updated to end-of-2019.

The dataset and code provides an update to previously released (version 1) data under <https://doi.org/10.17632/btchxktyw.1>. The version 2 dataset is based on the May 06, 2020 snapshot from Scopus and is updated to citation year 2019. In addition to the time period and dataset update, it provides a longer list of authors: It also includes the top 2% for every subfield.