

Rank 2018	Institution	Country	Number of publications	Field-weighted citation impact
1	American Cancer Society	United States	771	13.45
2	Broad Institute	United States	4,444	5.71
3	Whitehead Institute for Biomedical Research	United States	832	5.03
4	International Agency for Research on Cancer	France	1,720	4.80
5	National Institute of Psychiatry Ramon de la Fuente Muñiz	Mexico	606	4.26
6	Wellcome Trust Sanger Institute	United Kingdom	3,033	4.20
7	Cancer Registry of Norway Institute of Population-Based Cancer Research	Norway	656	4.02
8	Finnish Institute of Occupational Health	Finland	1,197	4.01
9	CREAL – Centre for Research in Environmental Epidemiology	Spain	886	3.99
10	Dana-Farber Cancer Institute	United States	9,351	3.86
11	Howard Hughes Medical Institute	United States	12,801	3.83
12	European Molecular Biology Laboratory	Germany	3,639	3.82
13	Ontario Institute for Cancer Research	Canada	723	3.78
14	Cold Spring Harbor Laboratory	United States	1,048	3.76
15	Luxembourg Institute of Health	Luxembourg	673	3.73
16	International Centre for Diarrhoeal Disease Research Bangladesh	Bangladesh	1,270	3.68
17	Netherlands Institute for Developmental Biology	Netherlands	616	3.64
18	Swiss Institute of Bioinformatics	Switzerland	1,709	3.61
19	FOM – Institute of Subatomic Physics – NIKHEF	Netherlands	1,974	3.57
20	Institut Gustave Roussy	France	4,009	3.56
21	National Science Foundation	United States	948	3.55
22	Potsdam Institute for Climate Impact Research	Germany	1,330	3.53
23	National Bureau of Economic Research	United States	2,614	3.48
24	Netherlands Cancer Institute	Netherlands	3,284	3.47
25	Wellcome Trust	United Kingdom	2,465	3.46
26	Cardiovascular Research Foundation	United States	790	3.39
27	Hopital Dupuytren	France	678	3.38
28	IRCCS Materno Infantile Burlo Garofolo	Italy	977	3.36
29	Glenfield Hospital	United Kingdom	823	3.33
30	National Institute of Public Health	Mexico	1,493	3.32
=31	Public Health Agency of Canada	Canada	1,577	3.31
=31	Norwegian Institute of Public Health	Norway	2,821	3.31
33	The George Institute for Global Health	Australia	1,881	3.30
34	Memorial Sloan Kettering Cancer Center	United States	12,482	3.29
35	Institute of Cancer Research	United Kingdom	2,299	3.27
=36	Box Hill Hospital	Australia	972	3.20
=36	Scripps Clinic	United States	681	3.20
38	Institute for Systems Biology	United States	525	3.17
39	Folkhälsan Research Centre	Finland	1,219	3.16
40	South Australian Health and Medical Research Institute	Australia	1,121	3.12
41	Canisius Wilhelmina Hospital	Netherlands	756	3.09
42	Van Andel Research Institute	United States	524	3.08
43	International Institute for Applied Systems Analysis, Laxenburg	Austria	1,289	3.06
44	Swiss Tropical Institute	Switzerland	2,197	3.05

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45	Italian Space Agency	Italy	712	3.04
46	Princess Margaret Hospital	Canada	1,614	3.03
47	European Institute of Oncology	Italy	2,204	3.02
=48	Peter Maccallum Cancer Centre	Australia	2,565	3.01
=48	Ludwig Institute for Cancer Research	Switzerland	1,211	3.01
=50	Minneapolis Heart Institute	United States	660	3.00
=50	Institute for Advanced Studies	United States	1,452	3.00
=52	Cross Cancer Institute	Canada	704	2.97
=52	Woolcock Institute of Medical Research	Australia	643	2.97
=54	Churchill Hospital	United Kingdom	1,640	2.93
=54	National Cancer Research Institute, Milan	Italy	2,825	2.93
=54	Westerdijk Fungal Biodiversity Institute	Netherlands	676	2.93
=57	Westchester Medical Center	United States	581	2.92
=57	Trimbos Institute, Netherlands Institute of Mental Health and Addiction	Netherlands	584	2.92
59	Virginia Mason Medical Center	United States	1,014	2.91
60	California Pacific Medical Center	United States	1,025	2.90
=61	Nagasaki Institute of Applied Science	Japan	726	2.89
=61	Cancer Research UK	United Kingdom	3,512	2.89
=61	Qatar Computing Research institute	Qatar	793	2.89
=61	Mario Negri Institute for Pharmacological Research	Italy	2,014	2.89
65	IFAE – Institute for High Energy Physics	Spain	1,171	2.88
66	Niguarda Ca'Granda Hospital	Italy	619	2.87
67	Hamilton Health Sciences	Canada	1,378	2.86
68	Carmel Medical Center	Israel	600	2.85
69	Fred Hutchinson Cancer Research Center	United States	6,424	2.84
70	Royal Marsden NHS Foundation Trust	United Kingdom	1,415	2.83
71	Health Canada	Canada	1,239	2.81
=72	Food and Agriculture Organization of the United Nations	Italy	822	2.80
=72	National Institute of Chemical Physics and Biophysics, Tallinn	Estonia	890	2.80
=74	Astronomical Observatory of Padua	Italy	1,490	2.79
=74	Christiana Care Health System	United States	896	2.79
=74	Translational Genomics Research Institute	United States	655	2.79
=74	Osservatorio Astronomico Roma	Italy	1,171	2.79
78	Franciscus Gasthuis Zuyderland	Netherlands	645	2.78
=79	Group Health Cooperative	United States	1,382	2.77
=79	Denver Health	United States	738	2.77
=81	South African Medical Research Council	South Africa	2,807	2.76
=81	Zucker Hillside Hospital	United States	558	2.76
=81	Medical Research Council	United Kingdom	11,802	2.76
=84	World Health Organization	Switzerland	5,801	2.75
=84	Salk Institute for Biological Studies	United States	1,442	2.75
=84	Fox Chase Cancer Center	United States	2,185	2.75
=87	Institute for High Energy Physics	Russian Federation	2,277	2.72

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=87	Cedars-Sinai Medical Center	United States	5,567	2.72
89	Mayo Clinic Florida	United States	2,919	2.70
=90	Pasteur Institute, Lille	France	1,244	2.69
=90	Catania Astrophysical Observatory	Italy	601	2.69
92	Washington Hospital Center	United States	1,387	2.68
93	Institute of Oncology, Warsaw	Poland	1,729	2.67
94	Armenian Academy of Sciences – Yerevan Physics Institute	Armenia	1,710	2.66
95	Babraham Institute	United Kingdom	616	2.65
=96	Bill and Melinda Gates Foundation	United States	724	2.64
=96	St Luke Hospital, Kansas City	United States	751	2.64
=96	Royal Observatory	United Kingdom	991	2.64
=96	Swiss Federal Institute for Forest, Snow and Landscape Research (WSL)	Switzerland	2,065	2.64
100	Partners HealthCare	United States	755	2.62
101	Hopital Beaujon	France	1,383	2.61
102	Haga Hospital	Netherlands	581	2.60
103	FIRC Institute of Molecular Oncology	Italy	620	2.59
104	Primary Children's Medical Center	United States	1,592	2.58
105	Swedish Medical Center	United States	689	2.57
106	Institut d'Astrophysique de Paris	France	1,721	2.56
=107	Lawrence Berkeley National Laboratory	United States	16,633	2.55
=107	Warneford Hospital	United Kingdom	758	2.55
=107	CRG – Centre for Genomic Regulation	Spain	1,194	2.55
110	Giovanni Pascale National Institute for the Study and Treatment of Tumours	Italy	1,415	2.54
111	Eurecom Institute	France	797	2.53
=112	German Centre for Cardiovascular Research (DZHK)	Germany	2,538	2.51
=112	Australian Institute of Marine Science	Australia	997	2.51
=114	Connecticut Agricultural Experiment Station	United States	567	2.50
=114	Met Office	United Kingdom	1,720	2.50
116	Bernhard Nocht Institute for Tropical Medicine	Germany	602	2.49
=117	La Jolla Institute for Allergy and Immunology	United States	751	2.47
=117	Addenbrooke's Hospital	United Kingdom	4,194	2.47
=117	National Institute of Public Health and the Environment	Netherlands	3,345	2.47
=117	Auckland City Hospital	New Zealand	1,438	2.47
=121	Telethon Foundation	Italy	678	2.46
=121	Walter and Eliza Hall Institute of Medical Research	Australia	940	2.46
123	Baker Heart Research Institute	Australia	1,890	2.45
=124	Catalan Institute of Oncology	Spain	1,809	2.44
=124	Jackson Laboratory	United States	871	2.44
126	Perimeter Institute for Theoretical Physics	Canada	1,991	2.43
=127	St Jude Children's Research Hospital	United States	3,889	2.42
=127	Health Protection Agency	United Kingdom	881	2.42
=127	European Space Astronomy Centre	Spain	1,029	2.42
=130	National Institutes of Health	United States	42,773	2.41

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=130	Danish Cancer Society	Denmark	1,403	2.41
=130	Georges-Francois Leclerc Centre	France	2,108	2.41
=133	Queensland Institute of Medical Research	Australia	2,574	2.40
=133	German Institute of Human Nutrition	Germany	895	2.40
=133	Wistar Institute	United States	666	2.40
=136	IDIBAPS – August Pi i Sunyer Biomedical Research Institute	Spain	5,101	2.39
=136	The Francis Crick Institute	United Kingdom	1,953	2.39
=136	National Renewable Energy Laboratory	United States	3,687	2.39
=139	Roswell Park Cancer Institute	United States	2,736	2.38
=139	Fermi National Accelerator Laboratory	United States	3,605	2.38
=139	St Antonius Hospital	Netherlands	1,552	2.38
=142	European Centre for Medium-Range Weather Forecasts	United Kingdom	720	2.37
=142	Rijnstate Hospital	Netherlands	707	2.37
=144	Cordeliers Research Centre	France	964	2.36
=144	Centers for Disease Control and Prevention	United States	15,754	2.36
=146	Carnegie Institution of Washington	United States	3,359	2.34
=146	ICREA (Catalan Institute for Research and Advanced Studies)	Spain	7,552	2.34
=146	Singapore National Eye Center	Singapore	1,513	2.34
=146	National Center for Atmospheric Research	United States	3,854	2.34
=146	Woods Hole Oceanographic Institution	United States	3,414	2.34
	Other notable institutes:			
	Scripps Research Institute	United States	5,182	2.32
	Weizmann Institute of Science	Israel	7,616	2.23
	National Institute for Health and Welfare	Finland	3,554	2.21
	Rutherford Appleton Laboratory	United Kingdom	5,204	2.12
	Australian Research Council	Australia	2,217	2.11
	Max Planck Society	Germany	57,711	2.05
	Helmholtz Association	Germany	88,308	1.80
	National Institute for Health and Medical Research (INSERM)	France	59,842	1.74
	Tata Institute of Fundamental Research	India	5,101	1.67
	Leibniz Association	Germany	23,518	1.63
	CSIC (Spanish National Research Council)	Spain	56,268	1.57
	CNRS – National Centre for Scientific Research	France	195,653	1.40
	Fraunhofer Society	Germany	20,113	1.35
	Chinese Academy of Sciences	China	243,762	1.29

Methodology

Institutes and hospitals are ranked on the basis of their field-weighted citation impact, calculated using Elsevier's SciVal tool, between 2013 and 2017. Research organisations that produced fewer than 500 research papers during this period are excluded. Field-weighted citation impact is a normalised measure of citation impact where citations are normalised according to discipline, publication type (article, review, letter, etc) and age of publication, such that papers are only compared against others of the

same type in the same field and in the same publication year. Hence, although there are many medical research facilities in the ranking, this reflects their abundance, rather than the fact that medical research is typically more highly cited than research in many other fields. The global average is 1, so a field-weighted citation impact of 2 would indicate a citation impact that is double the world average. Institutes that are part of a network, such as Max Planck Society institutes, have been grouped together.