

Nature Index tables

The Index's leading countries and institutions for high-quality science, ordered by weighted fractional count (WFC) for 2014. Also shown are the total number of articles, and the change in WFC from 2013. Articles are from the 68 natural science journals that comprise the Nature Index (see Guide to the Nature Index, page S30).

TOP 100 COUNTRIES

2014	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	United States	17,936.51	26,638	18,581.10	-3.5%
2	China	6,037.22	8,641	5,204.06	16.0%
3	Germany	4,018.73	8,582	4,073.53	-1.3%
4	United Kingdom	3,249.72	7,592	3,271.65	-0.7%
5	Japan	3,200.43	4,976	3,365.50	-4.9%
6	France	2,221.95	5,243	2,232.59	-0.5%
7	Canada	1,488.90	3,226	1,480.64	0.6%
8	Switzerland	1,293.75	2,715	1,169.17	10.7%
9	South Korea	1,167.66	1,969	1,150.07	1.5%
10	Spain	1,090.72	2,897	1,177.00	-7.3%
11	Italy	1,046.98	3,052	1,078.08	-2.9%
12	Australia	951.22	2,497	932.86	2.0%
13	India	921.77	1,484	850.97	8.3%
14	Netherlands	757.33	2,189	759.47	-0.3%
15	Singapore	520.62	873	483.20	7.7%
16	Sweden	514.55	1,407	496.38	3.7%
17	Israel	492.44	1,012	473.15	4.1%
18	Taiwan	481.47	888	543.18	-11.4%
19	Russia	370.18	1,147	344.26	7.5%
20	Belgium	348.91	1,082	327.23	6.6%
21	Denmark	321.26	1,036	296.85	8.2%
22	Austria	318.98	856	279.97	13.9%
23	Brazil	237.01	715	233.69	1.4%
24	Poland	209.69	686	216.55	-3.2%
25	Finland	194.97	590	191.87	1.6%
26	Norway	149.81	415	122.42	22.4%
27	Czech Republic	126.33	372	118.43	6.7%
28	Portugal	117.45	416	123.53	-4.9%
29	Ireland	113.91	331	116.73	-2.4%
30	Argentina	98.58	321	105.55	-6.6%
31	New Zealand	95.69	275	117.58	-18.6%
32	Chile	95.13	857	75.43	26.1%
33	Greece	91.77	320	90.15	1.8%
34	Mexico	84.60	391	77.08	9.7%
35	South Africa	81.67	418	81.62	0.1%
36	Turkey	79.24	237	59.07	34.1%
37	Hungary	78.52	278	54.92	43.0%
38	Saudi Arabia	76.63	384	76.64	0.0%
39	Iran	67.87	147	58.55	15.9%
40	Ukraine	37.06	173	28.58	29.7%
41	Slovenia	36.36	106	43.20	-15.8%
42	Thailand	22.69	93	25.69	-11.7%

2014	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
43	Estonia	22.31	92	13.27	68.1%
44	Romania	21.41	79	17.47	22.6%
45	Croatia	17.56	102	21.86	-19.7%
46	Serbia	17.00	55	13.95	21.9%
47	Lithuania	16.85	58	11.26	49.7%
48	Malaysia	15.81	54	14.14	11.8%
49	Egypt	14.32	87	12.04	18.9%
50	Slovakia	14.16	64	12.57	12.6%
51	Puerto Rico	13.66	38	11.24	21.6%
52	Iceland	12.87	65	13.90	-7.4%
53	Pakistan	12.83	42	18.03	-28.8%
54	Cyprus	10.95	28	8.90	23.1%
55	Luxembourg	10.94	35	10.55	3.7%
56	Uruguay	9.55	22	5.21	83.5%
57	United Arab Emirates	9.37	49	7.08	32.2%
58	Colombia	9.36	56	9.45	-1.0%
59	Panama	8.84	32	6.61	33.9%
60	Bulgaria	8.59	63	9.49	-9.5%
61	Armenia	8.38	30	7.98	5.0%
62	Vietnam	7.53	29	8.23	-8.4%
63	Belarus	6.15	22	3.95	55.9%
64	Indonesia	5.92	30	4.28	38.4%
65	Kenya	5.64	25	5.36	5.2%
66	Qatar	4.98	35	3.96	25.6%
67	Peru	4.92	29	4.22	16.6%
68	Algeria	4.65	22	1.10	322.5%
69	Georgia	4.15	27	2.45	69.6%
70	Costa Rica	3.50	25	1.49	134.6%
71	Lebanon	3.08	14	3.34	-7.9%
72	Tunisia	2.75	13	2.84	-2.8%
73	Ecuador	2.48	19	2.48	0.1%
74	Bangladesh	2.45	14	2.28	7.7%
75	Venezuela	2.40	27	1.83	31.2%
76	Morocco	2.37	18	3.46	-31.4%
77	Latvia	2.18	12	3.18	-31.4%
78	Cuba	2.03	9	4.86	-58.2%
79	Oman	2.00	8	1.29	54.8%
80	Kazakhstan	1.93	9	2.85	-32.2%
81	Philippines	1.82	16	3.33	-45.4%
82	Moldova	1.68	10	3.35	-49.8%
83	Nepal	1.64	8	0.82	99.4%
84	Benin	1.62	6	0.37	341.4%
85	Uganda	1.61	11	0.29	452.6%
86	Mongolia	1.37	5	0.62	119.1%
87	Malta	1.30	5	0.46	179.4%
88	Senegal	1.17	4	0.56	110.1%
89	Cameroon	1.16	8	0.81	42.9%
90	Uzbekistan	1.16	10	0.17	576.6%
91	Bolivia	1.05	9	0.48	120.2%
92	Mali	1.00	3	0.19	415.5%
93	Macedonia	1.00	6	0.26	290.5%
94	Kuwait	0.95	7	3.17	-70.0%
95	Namibia	0.95	4	0.09	988.5%
96	Burkina Faso	0.93	4	0.05	1,944.6%
97	Azerbaijan	0.92	5	0.56	63.0%
98	Iraq	0.84	12	0.74	13.8%
99	Sri Lanka	0.83	8	0.70	18.6%
100	Kyrgyzstan	0.81	2	0.81	-0.2%

TOP 200 INSTITUTIONS

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Chinese Academy of Sciences (CAS)	China	1,307.74	3,124	1,209.37	8.1%
2	Harvard University	United States	865.09	2,615	852.85	1.4%
3	French National Centre for Scientific Research (CNRS)	France	761.48	4,907	719.07	5.9%
4	Max Planck Society	Germany	648.86	2,950	727.32	-10.8%
5	Stanford University (SU)	United States	538.57	1,265	550.20	-2.1%
6	Massachusetts Institute of Technology (MIT)	United States	501.38	1,483	507.17	-1.1%
7	The University of Tokyo (UTokyo)	Japan	456.23	1,251	472.88	-3.5%
8	Helmholtz Association of German Research Centres (Helmholtz)	Germany	440.09	1,629	422.02	4.3%
9	University of Cambridge	United Kingdom	403.11	1,384	401.39	0.4%
10	University of California Berkeley (UC Berkeley)	United States	365.55	1,236	362.16	0.9%
11	University of Oxford	United Kingdom	355.99	1,179	382.41	-6.9%
12	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	347.29	978	275.31	26.1%
13	National Institutes of Health (NIH)	United States	342.43	771	391.02	-12.4%
14	University of California, San Diego (UC San Diego)	United States	334.34	832	344.80	-3.0%
15	Yale University	United States	303.63	896	289.56	4.9%
16	University of Michigan (U-M)	United States	298.80	855	344.95	-13.4%
17	Peking University (PKU)	China	291.57	937	275.46	5.8%
18	Kyoto University	Japan	286.15	716	313.51	-8.7%
19	The University of Texas at Austin (UT Austin)	United States	274.17	629	246.84	11.1%
20	California Institute of Technology (Caltech)	United States	270.83	1199	280.77	-3.5%
21	University of Toronto (U of T)	Canada	268.61	829	256.09	4.9%
22	University of California Los Angeles (UCLA)	United States	260.59	744	286.64	-9.1%
23	University of Washington (UW)	United States	259.61	766	248.89	4.3%
24	Northwestern University (NU)	United States	259.33	586	298.02	-13.0%
25	Columbia University in the City of New York (CU)	United States	258.13	851	257.32	0.3%
26	University of Pennsylvania (Penn)	United States	252.97	589	295.67	-14.4%
27	Spanish National Research Council (CSIC)	Spain	242.90	1846	240.00	1.2%
28	University of Wisconsin-Madison (UW Madison)	United States	232.81	654	251.98	-7.6%
29	Swiss Federal Institute of Technology in Lausanne (EPFL)	Switzerland	232.70	687	207.58	12.1%
30	The Johns Hopkins University (JHU)	United States	226.16	783	223.91	1.0%
31	Cornell University	United States	226.04	689	247.53	-8.7%
32	Osaka University	Japan	218.77	555	219.88	-0.5%
33	The University of Chicago (UChicago)	United States	208.64	724	190.48	9.5%
34	Princeton University	United States	207.12	680	230.61	-10.2%
35	University of Illinois at Urbana Champaign (UIUC)	United States	206.36	551	229.86	-10.2%
36	Tsinghua University (TH)	China	205.58	611	195.00	5.4%
37	Nanjing University (NJU)	China	202.30	474	196.00	3.2%
38	University of California Santa Barbara (UCSB)	United States	201.06	552	196.04	2.6%
39	Imperial College London (ICL)	United Kingdom	200.52	727	185.01	8.4%
40	Nanyang Technological University (NTU)	Singapore	199.86	371	187.38	6.7%
41	University of Science and Technology of China (USTC)	China	191.75	541	175.73	9.1%
42	National University of Singapore (NUS)	Singapore	190.30	465	191.76	-0.8%
43	Zhejiang University (ZJU)	China	188.48	352	150.42	25.3%
44	University of California San Francisco (UCSF)	United States	188.02	446	221.76	-15.2%
45	University College London (UCL)	United Kingdom	185.66	799	183.78	1.0%
46	Tohoku University	Japan	178.14	426	189.32	-5.9%
47	University of North Carolina at Chapel Hill (UNC)	United States	177.36	387	170.63	3.9%
48	Russian Academy of Sciences (RAS)	Russia	171.47	910	165.96	3.3%
49	Pennsylvania State University (Penn State)	United States	171.14	587	185.84	-7.9%

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50	University of California Davis (UC Davis)	United States	169.69	478	183.16	-7.4%
51	Indian Institutes of Technology (IITs)	India	168.18	288	128.43	30.9%
52	Duke University	United States	167.60	501	173.44	-3.4%
53	Fudan University	China	162.59	344	129.22	25.8%
54	University of Maryland, College Park (UMCP)	United States	162.48	740	161.78	0.4%
55	Washington University in St. Louis (WUSTL)	United States	161.42	379	173.04	-6.7%
56	Lawrence Berkeley National Laboratory (LBNL)	United States	161.03	781	153.57	4.9%
57	Seoul National University (SNU)	South Korea	160.31	429	158.14	1.4%
58	University of Minnesota (UMN)	United States	158.05	491	178.08	-11.2%
59	Ludwig Maximilian University of Munich (LMU)	Germany	157.57	627	154.25	2.2%
60	Rutgers, The State University of New Jersey (RU)	United States	148.48	455	154.02	-3.6%
61	RIKEN	Japan	144.43	497	165.96	-13.0%
62	New York University (NYU)	United States	144.08	431	139.91	3.0%
63	University of Colorado Boulder (CU-Boulder)	United States	143.58	553	152.16	-5.6%
64	Weizmann Institute of Science (WIS)	Israel	142.96	296	150.96	-5.3%
65	The Ohio State University (OSU)	United States	142.01	555	142.91	-0.6%
66	The University of Manchester (UoM)	United Kingdom	141.03	565	125.06	12.8%
67	The Scripps Research Institute (TSRI)	United States	134.75	288	178.38	-24.5%
68	McGill University	Canada	133.57	468	136.55	-2.2%
69	National Research Council (CNR)	Italy	130.31	504	150.02	-13.1%
70	The University of British Columbia (UBC)	Canada	130.25	463	130.64	-0.3%
71	University of California Irvine (UCI)	United States	130.13	405	147.32	-11.7%
72	Council of Scientific and Industrial Research (CSIR)	India	128.64	196	115.24	11.6%
73	Texas A&M University (TAMU)	United States	128.34	394	147.32	-12.9%
74	Leibniz Association	Germany	128.11	540	117.56	9.0%
75	Tokyo Institute of Technology (Tokyo Tech)	Japan	127.23	331	105.59	20.5%
76	University of Bristol (UoB)	United Kingdom	125.73	399	109.62	14.7%
77	Nagoya University	Japan	125.28	432	132.97	-5.8%
78	University of Copenhagen (UCPH)	Denmark	124.84	615	117.29	6.4%
79	Purdue University	United States	123.37	349	112.74	9.4%
80	University of Pittsburgh (Pitt)	United States	122.10	380	148.22	-17.6%
81	Technical University Munich (TUM)	Germany	121.39	477	125.21	-3.1%
82	Vanderbilt University (VU)	United States	121.38	368	101.83	19.2%
83	The University of Texas Southwestern Medical Center (UT Southwestern Medical Center)	United States	117.93	229	124.11	-5.0%
84	Korea Advanced Institute of Science and Technology (KAIST)	South Korea	116.39	228	103.03	13.0%
85	Argonne National Laboratory (ANL)	United States	113.69	475	113.74	0.0%
86	Atomic Energy and Alternative Energies Commission (CEA)	France	112.95	1080	138.71	-18.6%
87	The University of Edinburgh	United Kingdom	112.04	796	110.44	1.4%
88	Indiana University (IU)	United States	111.67	354	119.17	-6.3%
89	University of Southern California (USC)	United States	111.59	270	127.44	-12.4%
90	Heidelberg University (Uni Heidelberg)	Germany	111.39	631	105.66	5.4%
91	University of Geneva (UNIGE)	Switzerland	111.18	446	108.07	2.9%
92	The University of Queensland (UQ)	Australia	108.83	392	94.78	14.8%
93	Georgia Institute of Technology (Georgia Tech)	United States	108.31	267	137.43	-21.2%
94	Emory University	United States	107.54	239	108.36	-0.8%
95	National Taiwan University (NTU)	Taiwan	107.49	299	102.57	4.8%
96	University of Florida (UF)	United States	106.90	414	105.28	1.5%
97	Shanghai Jiao Tong University (SJTU)	China	106.84	282	96.01	11.3%
98	Lanzhou University (LZU)	China	106.31	176	69.71	52.5%
99	University of Utah (Utah)	United States	105.95	282	113.06	-6.3%
100	Monash University	Australia	103.11	382	94.89	8.7%

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101	Los Alamos National Laboratory (LANL)	United States	102.26	375	115.64	-11.6%
102	University of Münster (WWU)	Germany	101.94	221	94.17	8.2%
103	Jilin University (JLU)	China	101.87	184	97.72	4.2%
104	University of Zurich (UZH)	Switzerland	101.37	422	104.36	-2.9%
105	National Institute for Material Science (NIMS)	Japan	100.71	240	81.79	23.1%
106	Pierre and Marie Curie University (UPMC)	France	100.44	1,372	96.46	4.1%
107	Agency for Science, Technology and Research (A*STAR)	Singapore	100.33	284	81.62	22.9%
108	Hokkaido University (HU)	Japan	100.03	234	105.93	-5.6%
109	Utrecht University (UU)	Netherlands	99.89	475	111.50	-10.4%
110	Kyushu University	Japan	98.31	275	84.56	16.3%
111	Rice University	United States	97.96	275	82.53	18.7%
112	University of Alberta (U of A)	Canada	97.78	295	101.74	-3.9%
113	University of Göttingen	Germany	97.69	369	98.58	-0.9%
114	Hebrew University of Jerusalem (HUJI)	Israel	95.18	245	91.30	4.3%
115	University of California Riverside (UCR)	United States	94.82	279	77.71	22.0%
116	University of Groningen (RUG)	Netherlands	94.80	425	74.72	26.9%
117	University of Würzburg	Germany	93.86	260	95.03	-1.2%
118	Indian Institute of Science (IISc)	India	93.72	149	83.64	12.0%
119	Nankai University (NKU)	China	93.09	222	113.52	-18.0%
120	Xiamen University (XMU)	China	92.73	204	76.02	22.0%
121	National Institute of Standards and Technology (NIST)	United States	92.54	329	88.53	4.5%
122	University of Rochester (UR)	United States	92.34	291	104.73	-11.8%
123	Boston University (BU)	United States	92.14	389	99.12	-7.0%
124	University of Basel	Switzerland	90.89	251	87.67	3.7%
125	Wuhan University (WHU)	China	90.67	154	98.80	-8.2%
126	Sichuan University (SCU)	China	89.44	167	76.83	16.4%
127	University of Leuven (KU Leuven)	Belgium	88.93	393	91.46	-2.8%
128	National Aeronautics and Space Administration (NASA)	United States	88.79	1,006	94.01	-5.6%
129	Memorial Sloan-Kettering Cancer Center (MSKCC)	United States	88.29	217	75.15	17.5%
130	University of New South Wales (UNSW)	Australia	88.11	277	69.81	26.2%
131	University of Chinese Academy of Sciences (UCAS)	China	88.05	516	71.24	23.6%
132	Sun Yat-sen University (SYSU)	China	87.87	191	79.43	10.6%
133	The University of Arizona (UA)	United States	87.57	522	78.02	12.2%
134	Australian National University (ANU)	Australia	87.16	498	93.53	-6.8%
135	Tel Aviv University (TAU)	Israel	86.99	318	78.16	11.3%
136	Soochow University	China	86.12	158	65.31	31.9%
137	Baylor College of Medicine (BCM)	United States	85.63	213	76.15	12.5%
138	Aarhus University (AU)	Denmark	85.28	294	77.35	10.3%
139	University of Erlangen-Nuremberg (FAU)	Germany	84.46	248	84.55	-0.1%
140	Oak Ridge National Laboratory (ORNL)	United States	84.36	269	86.77	-2.8%
141	Brown University	United States	83.87	245	71.51	17.3%
142	Humboldt University of Berlin (HU Berlin)	Germany	83.71	356	76.98	8.7%
143	The University of Melbourne (UniMelb)	Australia	82.60	478	89.76	-8.0%
144	Academia Sinica	Taiwan	81.82	476	80.21	2.0%
145	U.S. Department of Energy (DOE)	United States	81.44	173	74.77	8.9%
146	The University of Virginia (UVA)	United States	81.39	319	77.87	4.5%
147	Lund University (LU)	Sweden	81.10	328	72.99	11.1%
148	East China Normal University (ECNU)	China	80.63	144	65.56	23.0%
149	National Institute for Health and Medical Research (INSERM)	France	80.44	654	70.08	14.8%
150	University of Bonn (Uni Bonn)	Germany	80.37	464	78.01	3.0%

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151	Arizona State University (ASU)	United States	79.94	255	80.58	-0.8%
152	The University of Sydney (USYD)	Australia	79.89	492	95.14	-16.0%
153	University of Southampton (Soton)	United Kingdom	79.04	315	85.53	-7.6%
154	Technion-Israel Institute of Technology (IIT)	Israel	78.91	231	67.90	16.2%
155	University of Montreal	Canada	78.01	327	68.73	13.5%
156	Stony Brook University (SBU)	United States	77.80	302	78.79	-1.3%
157	Brookhaven National Laboratory (BNL)	United States	77.63	323	67.83	14.4%
158	University of Freiburg	Germany	77.39	282	72.75	6.4%
159	Uppsala University (UU)	Sweden	76.75	351	80.05	-4.1%
160	Durham University	United Kingdom	76.61	386	84.05	-8.8%
161	The University of Nottingham (UoN)	United Kingdom	76.54	236	74.17	3.2%
162	University of Hamburg (UHH)	Germany	76.48	361	83.82	-8.8%
163	Indian Institute of Science Education and Research (IISER)	India	75.88	106	58.72	29.2%
164	RWTH Aachen University (RWTH Aachen)	Germany	75.57	255	87.18	-13.3%
165	Case Western Reserve University (CWRU)	United States	75.33	201	76.24	-1.2%
166	Joseph Fourier University (UJF)	France	74.84	682	69.43	7.8%
167	Leiden University	Netherlands	73.69	482	73.08	0.8%
168	Hong Kong University of Science and Technology (HKUST)	China	73.59	133	54.60	34.8%
169	Hunan University (HNU)	China	73.23	105	54.57	34.2%
170	Iowa State University (ISU)	United States	72.56	208	78.91	-8.0%
171	Medical Research Council (MRC)	United Kingdom	71.76	470	67.17	6.8%
172	The University of Hong Kong (HKU)	China	71.75	185	71.38	0.5%
173	Radboud University Nijmegen (RU)	Netherlands	71.73	461	63.38	13.2%
174	University of Waterloo	Canada	71.02	199	61.22	16.0%
175	Yonsei University	South Korea	71.02	201	61.62	15.3%
176	Karolinska Institute (KI)	Sweden	70.88	234	59.23	19.7%
177	University of Massachusetts Medical School (UMMS)	United States	70.59	143	72.00	-2.0%
178	Pohang University of Science and Technology (POSTECH)	South Korea	70.38	151	70.00	0.5%
179	University of Notre Dame	United States	70.37	258	86.33	-18.5%
180	University of Cologne (UoC)	Germany	69.90	235	57.15	22.3%
181	University of California Santa Cruz (UCSC)	United States	69.85	537	58.03	20.4%
182	National Institute of Advanced Industrial Science and Technology (AIST)	Japan	69.79	185	79.48	-12.2%
183	University of Warwick (Warwick)	United Kingdom	69.68	392	61.07	14.1%
184	King's College London (KCL)	United Kingdom	69.57	239	71.59	-2.8%
185	The Rockefeller University	United States	69.55	207	82.62	-15.8%
186	University of Barcelona (UB)	Spain	68.98	608	72.14	-4.4%
187	Xi'an Jiaotong University (XJTU)	China	67.98	167	42.98	58.2%
188	Stockholm University	Sweden	67.67	416	71.69	-5.6%
189	East China University of Science and Technology (ECUST)	China	67.48	119	56.75	18.9%
190	University of Sheffield	United Kingdom	66.68	266	67.59	-1.3%
191	University of Tübingen	Germany	66.65	279	77.43	-13.9%
192	University of Amsterdam (UvA)	Netherlands	66.56	532	60.41	10.2%
193	University of Paris Sud (Paris 11)	France	65.88	611	72.33	-8.9%
194	University of Glasgow	United Kingdom	65.30	539	66.48	-1.8%
195	National Tsing Hua University (NTHU)	Taiwan	65.28	171	66.23	-1.4%
196	University of Ottawa (uOttawa)	Canada	64.43	147	59.20	8.8%
197	The University of Texas MD Anderson Cancer Center	United States	64.21	178	65.99	-2.7%
198	Icahn School of Medicine at Mount Sinai (ISMMS)	United States	64.14	200	53.91	19.0%
199	University of Regensburg (UR)	Germany	63.91	131	53.73	18.9%
200	Technische Universität Berlin (TU Berlin)	Germany	63.52	141	55.40	14.7%

TOP INSTITUTIONS: LIFE SCIENCES

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Harvard University	United States	610.16	1,363	587.65	3.8%
2	National Institutes of Health (NIH)	United States	320.93	728	369.99	-13.3%
3	Stanford University (SU)	United States	226.07	465	245.14	-7.8%
4	Max Planck Society	Germany	225.42	707	216.73	4.0%
5	Massachusetts Institute of Technology (MIT)	United States	182.86	578	183.17	-0.2%
6	Yale University	United States	179.07	400	189.31	-5.4%
7	University of California San Francisco (UCSF)	United States	177.02	418	211.77	-16.4%
8	University of California, San Diego (UC San Diego)	United States	168.43	390	182.69	-7.8%
9	University of Toronto (U of T)	Canada	157.03	381	128.58	22.1%
10	Chinese Academy of Sciences (CAS)	China	155.22	420	147.94	4.9%
11	French National Centre for Scientific Research (CNRS)	France	155.06	972	145.94	6.2%
12	University of Oxford	United Kingdom	152.07	420	147.83	2.9%
13	The Johns Hopkins University (JHU)	United States	146.19	333	140.18	4.3%
14	Columbia University in the City of New York (CU)	United States	142.53	368	127.22	12.0%
15	University of Pennsylvania (Penn)	United States	141.62	320	175.58	-19.3%
16	University of Michigan (U-M)	United States	133.65	304	143.00	-6.5%
17	University of Cambridge	United Kingdom	133.57	399	155.77	-14.3%
18	University of Washington (UW)	United States	125.90	339	137.32	-8.3%
19	University of California Los Angeles (UCLA)	United States	123.06	313	126.98	-3.1%
20	University of California Berkeley (UC Berkeley)	United States	121.51	300	126.58	-4.0%
21	Washington University in St. Louis (WUSTL)	United States	121.40	279	137.34	-11.6%
22	Cornell University	United States	113.45	346	140.95	-19.5%
23	Duke University	United States	112.08	320	113.86	-1.6%
24	University College London (UCL)	United Kingdom	106.93	331	115.85	-7.7%
25	The University of Texas Southwestern Medical Center (UT Southwestern Medical Center)	United States	104.98	211	107.98	-2.8%
26	The University of Tokyo (UTokyo)	Japan	99.33	262	112.60	-11.8%
27	New York University (NYU)	United States	99.21	238	92.73	7.0%
28	University of North Carolina at Chapel Hill (UNC)	United States	97.89	240	93.85	4.3%
29	The University of Chicago (UChicago)	United States	94.05	234	93.92	0.1%
30	University of Wisconsin-Madison (UW Madison)	United States	92.41	182	87.38	5.8%
31	Helmholtz Association of German Research Centres (Helmholtz)	Germany	90.06	432	85.65	5.2%
32	Baylor College of Medicine (BCM)	United States	84.40	210	74.30	13.6%
33	Vanderbilt University (VU)	United States	80.27	196	74.80	7.3%
34	University of California Davis (UC Davis)	United States	79.61	194	90.61	-12.1%
35	Memorial Sloan-Kettering Cancer Center (MSKCC)	United States	77.02	194	68.47	12.5%
36	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	76.08	207	46.48	63.7%
37	Northwestern University (NU)	United States	75.07	172	91.03	-17.5%
38	Emory University	United States	74.39	181	66.89	11.2%
39	University of Pittsburgh (Pitt)	United States	73.58	180	81.12	-9.3%
40	National Institute for Health and Medical Research (INSERM)	France	71.33	575	62.47	14.2%
41	The Scripps Research Institute (TSRI)	United States	71.09	193	95.51	-25.6%
42	McGill University	Canada	71.03	208	78.78	-9.8%
43	Rutgers, The State University of New Jersey (RU)	United States	71.00	163	61.90	14.7%
44	University of Massachusetts Medical School (UMMS)	United States	66.97	137	69.40	-3.5%
45	Spanish National Research Council (CSIC)	Spain	66.91	295	62.94	6.3%
46	The Rockefeller University	United States	66.68	146	77.26	-13.7%
47	Karolinska Institute (KI)	Sweden	65.96	222	55.50	18.8%
48	Imperial College London (ICL)	United Kingdom	65.08	244	54.58	19.2%
49	The University of British Columbia (UBC)	Canada	64.55	175	53.90	19.8%
50	Icahn School of Medicine at Mount Sinai (ISMMS)	United States	63.95	198	52.10	22.8%

TOP INSTITUTIONS: EARTH & ENVIRONMENTAL SCIENCES

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Chinese Academy of Sciences (CAS)	China	74.88	192	77.12	-2.9%
2	French National Centre for Scientific Research (CNRS)	France	74.14	479	56.92	30.2%
3	Helmholtz Association of German Research Centres (Helmholtz)	Germany	68.96	205	63.81	8.1%
4	University of California, San Diego (UC San Diego)	United States	54.32	131	47.45	14.5%
5	National Aeronautics and Space Administration (NASA)	United States	52.68	200	57.95	-9.1%
6	National Oceanic and Atmospheric Administration (NOAA)	United States	50.32	165	59.91	-16.0%
7	California Institute of Technology (Caltech)	United States	50.17	156	50.91	-1.5%
8	University of Washington (UW)	United States	49.12	111	42.34	16.0%
9	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	41.69	119	33.17	25.7%
10	Woods Hole Oceanographic Institution (WHOI)	United States	41.31	107	31.00	33.3%
11	U.S. Geological Survey (USGS)	United States	38.62	104	39.76	-2.9%
12	The University of Texas at Austin (UT Austin)	United States	37.58	83	21.11	78.0%
13	Massachusetts Institute of Technology (MIT)	United States	37.09	100	20.62	79.8%
14	University of Colorado Boulder (CU-Boulder)	United States	36.78	132	44.08	-16.6%
15	The University of Tokyo (UTokyo)	Japan	36.65	85	37.33	-1.8%
16	Columbia University in the City of New York (CU)	United States	32.65	105	41.25	-20.8%
17	Pennsylvania State University (Penn State)	United States	32.14	66	20.15	59.5%
18	University of California Berkeley (UC Berkeley)	United States	30.95	91	22.97	34.8%
19	University of Cambridge	United Kingdom	28.08	75	18.75	49.7%
20	National Center for Atmospheric Research (NCAR)	United States	25.08	81	25.37	-1.2%
21	Stanford University (SU)	United States	24.65	64	32.09	-23.2%
22	University of Hawaii at Manoa (UH Manoa)	United States	23.86	75	28.04	-14.9%
23	Utrecht University (UU)	Netherlands	23.00	59	21.31	8.0%
24	University of California Davis (UC Davis)	United States	22.96	59	16.60	38.3%
25	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Japan	22.61	71	28.62	-21.0%
26	University of Maryland, College Park (UMCP)	United States	22.51	86	15.96	41.1%
27	Princeton University	United States	22.41	72	20.74	8.1%
28	Institute of Research for Development (IRD)	France	22.18	265	16.82	31.8%
29	Spanish National Research Council (CSIC)	Spain	22.02	97	18.56	18.6%
30	Yale University	United States	21.88	52	17.51	25.0%
31	Australian National University (ANU)	Australia	20.98	70	18.55	13.1%
32	University of Bristol (UoB)	United Kingdom	20.51	57	17.84	15.0%
33	University of Wisconsin-Madison (UW Madison)	United States	20.22	64	24.37	-17.0%
34	University of Oxford	United Kingdom	20.05	77	33.87	-40.8%
35	Harvard University	United States	19.46	61	32.26	-39.7%
36	University of California Los Angeles (UCLA)	United States	19.05	54	20.81	-8.5%
37	Max Planck Society	Germany	18.91	86	23.81	-20.6%
38	Oregon State University (OSU)	United States	18.91	50	19.77	-4.4%
39	The University of Arizona (UA)	United States	18.19	56	15.43	17.9%
40	University of Bremen	Germany	18.17	52	9.65	88.4%
41	University of Toronto (U of T)	Canada	18.16	43	12.10	50.1%
42	National Institute of Geophysics and Volcanology (INGV)	Italy	17.95	41	18.73	-4.2%
43	Brown University	United States	17.95	43	8.59	108.9%
44	University of Minnesota (UMN)	United States	17.93	57	15.15	18.4%
45	Colorado State University (CSU)	United States	17.51	47	17.98	-2.6%
46	The Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Australia	17.34	63	16.92	2.4%
47	Paris Diderot University (Paris 7)	France	17.07	83	8.17	108.9%
48	University of Florida (UF)	United States	16.88	44	16.78	0.6%
49	University of Miami (UM)	United States	16.25	35	10.15	60.1%
50	U.S. Department of Energy (DOE)	United States	16.04	47	16.44	-2.4%

TOP INSTITUTIONS: CHEMISTRY

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Chinese Academy of Sciences (CAS)	China	771.24	1,396	681.87	13.1%
2	French National Centre for Scientific Research (CNRS)	France	251.51	921	227.97	10.3%
3	Max Planck Society	Germany	184.21	425	202.85	-9.2%
4	Massachusetts Institute of Technology (MIT)	United States	169.74	274	164.75	3.0%
5	Stanford University (SU)	United States	159.72	254	145.69	9.6%
6	Peking University (PKU)	China	151.32	366	142.68	6.1%
7	Kyoto University	Japan	151.26	237	157.12	-3.7%
8	The University of Tokyo (UTokyo)	Japan	143.72	228	159.48	-9.9%
9	Nanyang Technological University (NTU)	Singapore	143.06	217	123.90	15.5%
10	Harvard University	United States	141.23	256	143.52	-1.6%
11	University of California Berkeley (UC Berkeley)	United States	140.86	289	131.56	7.1%
12	Northwestern University (NU)	United States	136.36	211	152.92	-10.8%
13	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	127.29	217	102.80	23.8%
14	University of Oxford	United Kingdom	126.10	202	119.39	5.6%
15	Zhejiang University (ZJU)	China	125.25	178	86.42	44.9%
16	Nanjing University (NJU)	China	120.32	207	117.34	2.5%
17	Swiss Federal Institute of Technology in Lausanne (EPFL)	Switzerland	116.01	219	80.35	44.4%
18	Fudan University	China	114.02	186	80.10	42.3%
19	The University of Texas at Austin (UT Austin)	United States	112.69	161	109.67	2.7%
20	University of Cambridge	United Kingdom	110.12	186	105.84	4.0%
21	University of Illinois at Urbana Champaign (UIUC)	United States	108.91	191	115.67	-5.8%
22	Helmholtz Association of German Research Centres (Helmholtz)	Germany	108.35	302	91.62	18.3%
23	University of Science and Technology of China (USTC)	China	108.19	223	93.78	15.4%
24	Indian Institutes of Technology (IITs)	India	106.58	141	74.77	42.6%
25	Osaka University	Japan	105.69	171	106.33	-0.6%
26	Tsinghua University (TH)	China	101.79	201	92.06	10.6%
27	University of Wisconsin-Madison (UW Madison)	United States	96.53	139	105.23	-8.3%
28	National University of Singapore (NUS)	Singapore	93.39	177	83.81	11.4%
29	California Institute of Technology (Caltech)	United States	92.35	144	107.31	-13.9%
30	Council of Scientific and Industrial Research (CSIR)	India	90.40	117	79.46	13.8%
31	Lawrence Berkeley National Laboratory (LBNL)	United States	85.03	248	74.57	14.0%
32	Lanzhou University (LZU)	China	84.31	118	50.35	67.5%
33	University of California Santa Barbara (UCSB)	United States	83.37	137	62.14	34.2%
34	University of Pennsylvania (Penn)	United States	82.19	124	80.23	2.4%
35	Tohoku University	Japan	81.32	138	62.89	29.3%
36	The Scripps Research Institute (TSRI)	United States	79.61	130	101.52	-21.6%
37	University of California, San Diego (UC San Diego)	United States	79.07	134	78.52	0.7%
38	Jilin University (JLU)	China	77.57	128	73.88	5.0%
39	University of California Los Angeles (UCLA)	United States	75.45	134	87.43	-13.7%
40	University of North Carolina at Chapel Hill (UNC)	United States	74.34	101	75.09	-1.0%
41	The University of Manchester (UoM)	United Kingdom	73.82	132	53.06	39.1%
42	Imperial College London (ICL)	United Kingdom	73.20	126	62.12	17.8%
43	Korea Advanced Institute of Science and Technology (KAIST)	South Korea	73.03	133	56.93	28.3%
44	University of Michigan (U-M)	United States	72.80	112	92.32	-21.1%
45	Xiamen University (XMU)	China	71.25	138	59.87	19.0%
46	Ludwig Maximilian University of Munich (LMU)	Germany	71.20	130	55.22	28.9%
47	Yale University	United States	71.10	122	46.80	51.9%
48	Sichuan University (SCU)	China	70.75	98	68.45	3.4%
49	University of Toronto (U of T)	Canada	69.01	120	85.42	-19.2%
50	Seoul National University (SNU)	South Korea	68.64	111	70.70	-2.9%

TOP INSTITUTIONS: PHYSICAL SCIENCES

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Chinese Academy of Sciences (CAS)	China	413.44	1,376	406.86	1.6%
2	French National Centre for Scientific Research (CNRS)	France	333.36	2,812	335.41	-0.6%
3	Max Planck Society	Germany	300.72	1,948	353.91	-15.0%
4	Stanford University (SU)	United States	221.86	652	211.18	5.1%
5	Helmholtz Association of German Research Centres (Helmholtz)	Germany	213.14	819	217.24	-1.9%
6	Massachusetts Institute of Technology (MIT)	United States	212.29	718	226.42	-6.2%
7	The University of Tokyo (UTokyo)	Japan	204.65	737	193.50	5.8%
8	Harvard University	United States	200.80	1,149	191.30	5.0%
9	University of Cambridge	United Kingdom	187.59	839	170.15	10.3%
10	University of California Berkeley (UC Berkeley)	United States	149.28	735	135.57	10.1%
11	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	140.09	520	132.35	5.8%
12	University of California Santa Barbara (UCSB)	United States	115.63	377	120.80	-4.3%
13	University of Oxford	United Kingdom	113.00	594	126.23	-10.5%
14	University of Michigan (U-M)	United States	112.36	464	121.38	-7.4%
15	Peking University (PKU)	China	111.97	454	105.09	6.6%
16	Russian Academy of Sciences (RAS)	Russia	111.96	724	109.38	2.4%
17	Spanish National Research Council (CSIC)	Spain	108.99	1,281	98.40	10.8%
18	Swiss Federal Institute of Technology in Lausanne (EPFL)	Switzerland	104.69	401	102.90	1.7%
19	Princeton University	United States	102.49	469	114.36	-10.4%
20	The University of Texas at Austin (UT Austin)	United States	98.37	330	98.67	-0.3%
21	Tsinghua University (TH)	China	98.25	363	87.94	11.7%
22	California Institute of Technology (Caltech)	United States	95.56	839	100.29	-4.7%
23	University of Maryland, College Park (UMCP)	United States	90.92	542	96.06	-5.4%
24	University of Illinois at Urbana-Champaign (UIUC)	United States	86.99	297	111.83	-22.2%
25	Lawrence Berkeley National Laboratory (LBNL)	United States	86.75	514	76.52	13.4%
26	University of California Los Angeles (UCLA)	United States	81.40	314	97.72	-16.7%
27	National University of Singapore (NUS)	Singapore	80.80	171	88.74	-8.9%
28	Kyoto University	Japan	77.15	330	91.02	-15.2%
29	Los Alamos National Laboratory (LANL)	United States	76.30	289	84.24	-9.4%
30	National Research Council (CNR)	Italy	75.80	282	93.70	-19.1%
31	Tohoku University	Japan	75.65	211	96.92	-22.0%
32	The University of Chicago (UChicago)	United States	75.47	392	63.01	19.8%
33	University of Science and Technology of China (USTC)	China	74.91	301	71.40	4.9%
34	University of California, San Diego (UC San Diego)	United States	74.21	259	73.71	0.7%
35	Nanyang Technological University (NTU)	Singapore	72.88	141	71.87	1.4%
36	Seoul National University (SNU)	South Korea	72.34	242	66.08	9.5%
37	Imperial College London (ICL)	United Kingdom	71.34	370	79.35	-10.1%
38	Northwestern University (NU)	United States	71.33	239	91.07	-21.7%
39	Pennsylvania State University (Penn State)	United States	68.96	369	77.44	-10.9%
40	Cornell University	United States	68.66	265	73.02	-6.0%
41	National Institute of Standards and Technology (NIST)	United States	68.50	254	67.83	1.0%
42	Nanjing University (NJU)	China	68.43	233	64.94	5.4%
43	National Institute for Material Science (NIMS)	Japan	68.14	166	43.97	55.0%
44	Osaka University	Japan	67.71	245	62.61	8.1%
45	Yale University	United States	66.85	382	60.96	9.7%
46	University of Colorado Boulder (CU-Boulder)	United States	66.06	338	55.85	18.3%
47	Atomic Energy and Alternative Energies Commission (CEA)	France	65.66	765	91.23	-28.0%
48	Argonne National Laboratory (ANL)	United States	63.52	313	70.93	-10.4%
49	Columbia University in the City of New York (CU)	United States	61.89	351	74.99	-17.5%
50	Korea Advanced Institute of Science and Technology (KAIST)	South Korea	58.92	103	49.76	18.4%

TOP INSTITUTIONS IN NATURE AND SCIENCE JOURNALS

2014	INSTITUTION	COUNTRY	WFC	ARTICLE COUNT	2013 WFC	2013-2014 CHANGE IN WFC
1	Harvard University	United States	75.39	210	76.41	-1.3%
2	Stanford University (SU)	United States	41.44	103	38.30	8.2%
3	Massachusetts Institute of Technology (MIT)	United States	34.13	123	45.59	-25.1%
4	Max Planck Society	Germany	30.40	120	32.87	-7.5%
5	National Institutes of Health (NIH)	United States	24.04	69	27.57	-12.8%
6	University of California Berkeley (UC Berkeley)	United States	21.35	95	21.58	-1.1%
7	University of Washington (UW)	United States	20.63	63	14.49	42.3%
8	University of California, San Diego (UC San Diego)	United States	20.29	54	17.83	13.9%
9	Yale University	United States	20.16	56	17.04	18.3%
10	French National Centre for Scientific Research (CNRS)	France	19.46	166	15.12	28.7%
11	California Institute of Technology (Caltech)	United States	18.61	62	12.73	46.2%
12	University of Cambridge	United Kingdom	18.12	82	20.69	-12.4%
13	University of California San Francisco (UCSF)	United States	17.96	48	24.04	-25.3%
14	University of Oxford	United Kingdom	17.79	60	13.84	28.5%
15	Columbia University in the City of New York (CU)	United States	17.45	64	19.75	-11.6%
16	Helmholtz Association of German Research Centres (Helmholtz)	Germany	16.66	80	10.95	52.1%
17	The Scripps Research Institute (TSRI)	United States	14.18	35	18.43	-23.1%
18	The University of Tokyo (UTokyo)	Japan	13.21	44	15.55	-15.1%
19	Chinese Academy of Sciences (CAS)	China	13.11	58	18.71	-29.9%
20	University of Michigan (U-M)	United States	13.04	44	9.36	39.3%
21	Weizmann Institute of Science (WIS)	Israel	12.91	22	6.67	93.5%
22	Swiss Federal Institute of Technology Zurich (ETH Zurich)	Switzerland	12.74	43	13.98	-8.9%
23	Princeton University	United States	12.29	32	13.50	-9.0%
24	The University of Texas at Austin (UT Austin)	United States	12.20	40	4.60	165.3%
25	Cornell University	United States	11.83	55	13.31	-11.1%
26	The Johns Hopkins University (JHU)	United States	11.82	39	12.33	-4.1%
27	Washington University in St. Louis (WUSTL)	United States	11.40	40	8.41	35.6%
28	Medical Research Council (MRC)	United Kingdom	11.34	24	9.29	22.0%
29	University of Wisconsin-Madison (UW Madison)	United States	11.14	35	3.16	252.1%
30	Memorial Sloan-Kettering Cancer Center (MSKCC)	United States	10.81	29	5.08	112.9%
31	New York University (NYU)	United States	10.54	25	10.55	-0.1%
32	University of California Los Angeles (UCLA)	United States	10.35	41	12.75	-18.8%
33	The University of Texas Southwestern Medical Center (UT Southwestern Medical Center)	United States	9.88	20	11.79	-16.2%
34	The University of Chicago (UChicago)	United States	9.33	47	11.75	-20.6%
35	F. Hoffmann-La Roche Ltd	Switzerland	9.18	20	2.58	255.9%
36	The Rockefeller University	United States	9.14	20	11.45	-20.2%
37	University of Pennsylvania (Penn)	United States	9.01	30	10.23	-11.9%
38	Lawrence Berkeley National Laboratory (LBNL)	United States	9.00	52	5.97	50.7%
39	University of California Santa Cruz (UCSC)	United States	8.93	37	4.54	96.6%
40	University of Toronto (U of T)	Canada	8.64	38	15.70	-44.9%
41	Duke University	United States	8.55	33	7.14	19.8%
42	University of Maryland, College Park (UMCP)	United States	8.49	40	5.21	63.1%
43	Kyoto University	Japan	7.44	25	7.48	-0.5%
44	University of Copenhagen (UCPH)	Denmark	7.43	50	5.11	45.6%
45	RIKEN	Japan	7.33	32	9.62	-23.8%
46	University of California Davis (UC Davis)	United States	7.13	29	8.06	-11.6%
47	University College London (UCL)	United Kingdom	7.10	41	7.69	-7.6%
48	Pennsylvania State University (Penn State)	United States	7.01	25	6.26	11.9%
49	University of Zurich (UZH)	Switzerland	6.70	19	4.81	39.1%
50	Peking University (PKU)	China	6.48	28	4.10	58.0%

Weighted fractional count (WFC) for each institution is shown to two decimal places only. When two or more institutions have the same WFC, their positions are determined by the thousandth place (or beyond).

These results are based on the most recent data available as of 11 September 2014. Owing to continual refinements of the data, the figures in the database are liable to change and might differ to those printed in the supplements.