

SIR World Report 2010

Physical Sciences

Introduction

The **SIR World Report 2010 – Physical Sciences** shows quantitative data related to the research activity developed in Physical Sciences in the period 2004-2008 for worldwide research-devoted institutions with at least 100 scientific documents published during 2008, as collected by worldwide leader scientific database Scopus. The report embraces universities and other research-focused organizations grouped into five Institutional Sectors: Higher Education, Health System, Government Agencies, Corporations and Others.

The actual four indicators showed throughout the report have been selected to offer relevant information to policymakers, research managers and researchers as well as media and public interested in finding out about research performance of worldwide Institutions. They aim at highlighting the main dimensions of research activity.

This is a subject report associated to SIR World Report 2010 which shows global data for the same institutions and all the scientific areas.

New Features

This year, SIR World Report 2010 brings a number of new features that will help offer a wider vision of research activity at worldwide research institutions; these include subject rankings, research excellence labels, and regional and national ranks.

From this edition on and in addition to this Global Ranking, SIR World Reports will include four additional subject rankings each covering a major scientific area, grouped together in Health Sciences, Life Sciences, Physical Sciences and Social Sciences & Humanities.

This year's edition presents more informative tables. Besides institutions' countries, regions and institutional sectors the tables show ranks on the regional and national contexts. In addition, institutions are now labeled according to its Research Excellence into one of three categories on the basis of their corresponding value of Normalized Impact (See Normalized Impact description on the right side of this document):

- Green label NI value higher than 1.75
- Yellow label NI between 1 and 1.75
- Red label NI values lower than 1

Physical Sciences

Chemistry	Environmental Science
Chemical Engineering	Materials Science
Physics and Astronomy	Energy
Earth and Planetary Sciences	Mathematics
Computer Science	Engineering

Indicators

Selected indicators seek to reveal main aspects of research size, performance, impact and internationalization at Worldwide Research Institutions.

O::Output

An institution's publication output reveals its scientific outcomes in terms of published documents in scholarly journals.

IC::International Collaboration

This value shows the institution's output ratio that has been produced in collaboration with foreign institutions. The values are computed by analyzing the institution's output whose affiliation includes more than one country address over the whole period.

NI::Normalized Impact

This indicator reveals the ratio between the average scientific impact of an institution and the world average impact of publications of the same time period and subject area. The values are expressed in percentages and show the relationship of the institution's average impact to the world average, which is 1, - i.e. a score of 0.8 means the institution is cited 20% below average and 1.3 means the institution is cited 30% above average. More on this indicator at: <http://www.scimagoir.com/methodology.php?page=indicators>

Q1::High Quality Publications

Ratio of publications that an institution publishes in the most influential scholarly journals of the world. Journals considered for this indicator are those ranked in the first quartile (25%) in their categories as ordered by SCImago Journal Rank SJR indicator. More on SJR indicator at: <http://www.scimagoir.com>



WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1	1	1	Chinese Academy of Sciences	CHN	AS	GO	103,771	19.66	39.04	0.91
2	1	1	Centre National de la Recherche Scientifique	FRA	WE	GO	84,429	51.12	62.03	1.33
3	1	1	Russian Academy of Sciences	RUS	EE	GO	70,067	35.89	25.06	0.55
4	2	1	Max Planck Gesellschaft	DEU	WE	GO	30,765	66.39	70.84	1.74
5	2	2	Tsinghua University	CHN	AS	HE	30,338	15.60	27.55	0.79
6	3	1	University of Tokyo	JPN	AS	HE	26,274	29.25	57.78	1.24
7	4	3	Zhejiang University	CHN	AS	HE	25,318	14.60	25.05	0.74
8	3	1	Consejo Superior de Investigaciones Cientificas	ESP	WE	GO	22,614	51.90	69.62	1.44
9	4	1	Consiglio Nazionale delle Ricerche	ITA	WE	GO	21,516	42.70	64.19	1.24
10	5	4	Shanghai Jiao Tong University	CHN	AS	HE	19,503	12.89	27.31	0.73
11	6	2	Kyoto University	JPN	AS	HE	18,962	25.66	56.97	1.15
12	7	3	Tohoku University	JPN	AS	HE	18,417	27.64	55.92	1.15
13	8	5	Harbin Institute of Technology	CHN	AS	HE	18,351	10.05	18.04	0.58
14	1	1	Massachusetts Institute of Technology	USA	NA	HE	18,284	37.91	65.45	2.26
15	2	2	University of California, Berkeley	USA	NA	HE	16,876	39.71	69.22	2.23
16	9	4	Osaka University	JPN	AS	HE	16,860	22.35	50.81	1.08
17	5	1	University of Cambridge	GBR	WE	HE	15,753	54.13	68.08	1.77
18	2	1	National Academy of Sciences of Ukraine	UKR	EE	GO	15,666	41.77	26.71	0.53
19	3	3	National Aeronautics and Space Administration	USA	NA	GO	15,557	33.05	57.56	1.42
20	4	4	California Institute of Technology	USA	NA	HE	15,443	39.45	67.61	1.98
21	10	5	National Institute of Advanced Industrial Science & Technology	JPN	AS	GO	15,315	21.80	57.06	1.21
22	6	1	Swiss Federal Institute of Technology	CHE	WE	HE	14,764	58.97	66.16	1.94
23	3	2	Lomonosov Moscow State University	RUS	EE	HE	14,558	36.28	24.50	0.54
24	5	5	University of Illinois, Urbana-Champaign	USA	NA	HE	14,377	31.35	64.28	1.89
25	11	6	Tokyo Institute of Technology	JPN	AS	HE	13,946	23.23	50.54	1.17
26	12	1	National University of Singapore	SGP	AS	HE	13,644	43.61	62.57	1.53
27	13	6	Peking University	CHN	AS	HE	13,537	24.27	40.53	1.00
28	7	2	Commissariat a l'Energie Atomique	FRA	WE	GO	13,528	54.46	62.27	1.49
29	6	6	University of Michigan, Ann Arbor	USA	NA	HE	13,519	30.62	68.53	1.88
30	4	1	Polish Academy of Sciences	POL	EE	GO	13,418	54.42	46.24	0.91
31	14	1	Seoul National University	KOR	AS	HE	13,396	29.11	54.90	1.19
32	7	7	Stanford University	USA	NA	HE	13,307	33.55	67.63	2.49
33	8	8	Georgia Institute of Technology	USA	NA	HE	13,279	24.53	58.96	1.83
34	15	2	Nanyang Technological University	SGP	AS	HE	12,591	41.62	56.22	1.32
35	16	7	Xi'an Jiaotong University	CHN	AS	HE	12,577	10.18	18.48	0.57
36	8	2	Imperial College London	GBR	WE	HE	12,551	52.73	64.06	1.72
37	1	1	Universidade de Sao Paulo	BRA	LA	HE	12,187	33.51	47.24	0.95
38	9	9	Harvard University	USA	NA	HE	12,178	45.34	77.11	2.13
39	10	10	Pennsylvania State University, University Park	USA	NA	HE	12,079	33.09	61.73	1.74
40	17	8	Huazhong University of Science and Technology	CHN	AS	HE	12,034	11.53	18.65	0.57
41	11	1	University of Toronto	CAN	NA	HE	11,876	48.62	62.50	1.74
42	18	9	Tianjin University	CHN	AS	HE	11,630	10.02	18.87	0.55
43	9	3	University of Oxford	GBR	WE	HE	11,585	57.06	66.89	1.69
44	19	10	Dalian University of Technology	CHN	AS	HE	11,512	11.93	21.81	0.63
45	12	11	University of Texas, Austin	USA	NA	HE	11,410	30.53	64.79	1.82
46	10	2	Istituto Nazionale di Fisica Nucleare	ITA	WE	GO	11,289	60.34	50.47	1.22
47	13	12	University of Wisconsin, Madison	USA	NA	HE	11,270	33.67	66.46	1.68
48	20	1	National Taiwan University	TWN	AS	HE	11,244	23.68	61.66	1.26
49	14	13	University of Washington	USA	NA	HE	11,126	33.25	67.45	2.03
50	15	14	University of Maryland, College Park	USA	NA	HE	11,091	35.35	64.57	1.67
51	16	15	University of California, Los Angeles	USA	NA	HE	10,944	38.82	69.31	2.21
52	5	1	Academy of Sciences of the Czech Republic	CZE	EE	GO	10,916	56.96	51.06	1.12
53	17	16	University of California, San Diego	USA	NA	HE	10,845	37.85	70.29	1.83
54	21	11	Nanjing University	CHN	AS	HE	10,712	20.15	42.78	0.88
55	11	3	Universite Pierre et Marie Curie, Paris 6	FRA	WE	HE	10,601	56.79	65.16	1.43
56	18	17	Purdue University	USA	NA	HE	10,522	27.47	61.25	1.71
57	12	4	The University of Manchester	GBR	WE	HE	10,337	47.21	58.35	1.47
58	19	18	University of Florida	USA	NA	HE	10,244	32.36	62.30	1.54

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
59	22	1	Council of Scientific and Industrial Research	IND	AS	GO	10,127	14.53	53.06	▲1.05
60	20	19	Los Alamos National Laboratory	USA	NA	GO	10,071	37.60	67.14	▲1.53
61	23	7	Nagoya University	JPN	AS	HE	9,942	25.95	54.85	▲1.11
62	24	12	Jilin University	CHN	AS	HE	9,895	10.96	32.95	◆0.73
63	21	20	University of Minnesota, Twin Cities	USA	NA	HE	9,838	31.28	67.52	●1.91
64	22	21	University of Arizona	USA	NA	HE	9,722	40.90	66.46	▲1.61
65	23	22	Cornell University	USA	NA	HE	9,703	34.47	68.20	●1.86
66	25	13	Beijing University of Aeronautics and Astronautics	CHN	AS	HE	9,703	6.95	12.83	◆0.50
67	26	8	Kyushu University	JPN	AS	HE	9,679	22.30	51.29	▲1.00
68	2	1	Universidad Nacional Autonoma de Mexico	MEX	LA	HE	9,564	45.39	50.83	◆0.85
69	13	3	Universita degli Studi di Roma La Sapienza	ITA	WE	HE	9,539	44.33	57.75	▲1.17
70	27	9	Japan Science & Technology Agency	JPN	AS	GO	9,507	17.44	62.72	▲1.42
71	24	23	University of California, Davis	USA	NA	HE	9,469	35.16	69.42	▲1.67
72	25	2	The University of British Columbia	CAN	NA	HE	9,369	50.81	62.48	▲1.61
73	14	4	Universite Paris-Sud 11	FRA	WE	HE	9,356	60.81	59.42	▲1.40
74	28	14	Wuhan University	CHN	AS	HE	9,279	15.52	25.50	◆0.65
75	26	24	Ohio State University, Columbus	USA	NA	HE	9,263	33.63	62.79	▲1.65
76	15	1	Catholic University of Leuven	BEL	WE	HE	9,250	55.72	60.25	▲1.49
77	16	1	Delft University of Technology	NLD	WE	HE	9,131	45.99	52.74	▲1.55
78	29	15	Shandong University	CHN	AS	HE	9,083	14.76	30.16	◆0.69
79	30	16	Northwestern Polytechnical University	CHN	AS	HE	8,934	5.57	13.78	◆0.40
80	27	25	Texas A&M University, College Station	USA	NA	HE	8,912	29.95	56.89	▲1.43
81	28	26	Princeton University	USA	NA	HE	8,858	41.76	73.53	●2.18
82	31	17	Tongji University	CHN	AS	HE	8,703	11.94	18.69	◆0.55
83	29	27	University of California, Santa Barbara	USA	NA	HE	8,694	40.69	71.45	●2.10
84	32	10	Hokkaido University	JPN	AS	HE	8,675	25.54	57.12	◆0.96
85	30	3	University of Alberta	CAN	NA	HE	8,655	42.97	57.53	▲1.28
86	33	18	Sichuan University	CHN	AS	HE	8,511	11.16	24.56	◆0.65
87	31	28	University of Colorado, Boulder	USA	NA	HE	8,491	37.55	70.75	●1.78
88	34	19	Southeast University	CHN	AS	HE	8,471	12.93	19.63	◆0.74
89	35	20	Northeastern University, China	CHN	AS	HE	8,383	9.66	9.15	◆0.46
90	32	29	Columbia University	USA	NA	HE	8,365	39.10	71.08	●2.01
91	36	2	National Cheng Kung University	TWN	AS	HE	8,344	13.21	59.56	▲1.07
92	37	21	Fudan University	CHN	AS	HE	8,295	23.75	45.51	◆0.98
93	38	22	Beijing Institute of Technology	CHN	AS	HE	8,290	5.96	11.22	◆0.43
94	39	23	South China University of Technology	CHN	AS	HE	8,259	11.18	16.85	◆0.60
95	40	24	Central South University	CHN	AS	HE	8,256	10.53	16.69	◆0.62
96	33	30	United States Department of Agriculture	USA	NA	GO	8,187	19.14	49.70	▲1.13
97	17	5	University College London	GBR	WE	HE	8,136	55.64	66.27	▲1.53
98	41	3	National Chiao Tung University	TWN	AS	HE	8,131	15.02	56.17	▲1.06
99	34	31	Lawrence Berkeley National Laboratory	USA	NA	GO	8,037	49.01	67.33	●2.02
100	18	4	Universita degli Studi di Bologna	ITA	WE	HE	7,926	41.56	58.18	▲1.40
101	35	4	University of Waterloo	CAN	NA	HE	7,911	44.58	54.17	▲1.40
102	42	2	Korea Advanced Institute of Science and Technology	KOR	AS	HE	7,763	20.37	56.41	▲1.17
103	36	32	Carnegie Mellon University	USA	NA	HE	7,750	31.47	53.94	●2.10
104	37	33	Johns Hopkins University	USA	NA	HE	7,699	41.30	70.83	●1.88
105	38	34	Oak Ridge National Laboratory	USA	NA	GO	7,690	33.99	60.31	▲1.55
106	39	35	North Carolina State University	USA	NA	HE	7,639	26.22	58.59	▲1.43
107	19	2	Ecole Polytechnique Federale de Lausanne	CHE	WE	HE	7,626	59.51	63.95	●1.95
108	20	6	University of Southampton	GBR	WE	HE	7,490	47.57	61.86	▲1.49
109	43	1	Hong Kong Polytechnic University	HKG	AS	HE	7,479	59.42	49.57	▲1.24
110	44	3	Agency for Science, Technology and Research Singapore	SGP	AS	GO	7,444	34.52	61.75	▲1.42
111	40	36	Rutgers University	USA	NA	HE	7,393	36.68	61.45	▲1.63
112	41	37	National Institute of Standards and Technology	USA	NA	GO	7,336	33.00	64.53	▲1.69
113	42	5	McGill University	CAN	NA	HE	7,301	48.84	59.29	▲1.32
114	1	1	University of Sydney	AUS	OC	HE	7,290	49.86	61.69	▲1.32
115	43	38	Michigan State University	USA	NA	HE	7,223	37.56	54.67	▲1.53
116	45	11	National Institute for Materials Science	JPN	AS	GO	7,209	30.32	65.45	▲1.31
117	44	39	Virginia Polytechnic Institute and State University	USA	NA	HE	7,158	26.28	52.12	▲1.49

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
118	45	40	Arizona State University	USA	NA	HE	7,052	29.92	62.82	▲1.70
119	46	25	Nankai University	CHN	AS	HE	7,036	17.41	33.20	◆0.87
120	46	41	Iowa State University	USA	NA	HE	7,032	34.77	61.90	▲1.51
121	21	2	Rheinisch-Westfälische Technische Hochschule Aachen	DEU	WE	HE	7,010	36.89	47.29	▲1.37
122	47	3	Yonsei University	KOR	AS	HE	6,981	26.46	54.08	▲1.19
123	48	4	Korea University	KOR	AS	HE	6,973	26.59	49.08	▲1.10
124	47	42	Northwestern University	USA	NA	HE	6,921	32.99	73.67	●2.09
125	2	2	University of New South Wales	AUS	OC	HE	6,921	48.11	50.85	▲1.29
126	49	26	University of Science and Technology Beijing	CHN	AS	HE	6,903	8.95	17.27	◆0.47
127	48	43	Argonne National Laboratory	USA	NA	GO	6,889	46.07	61.50	▲1.61
128	22	5	Università degli Studi di Padova	ITA	WE	HE	6,872	51.25	61.60	▲1.42
129	23	3	Universität Karlsruhe	DEU	WE	HE	6,832	46.09	49.94	▲1.41
130	49	44	University of Southern California	USA	NA	HE	6,828	31.91	57.47	●1.82
131	24	2	Universitat Politècnica de Catalunya	ESP	WE	HE	6,799	40.59	44.92	▲1.21
132	25	1	Technical University of Denmark	DNK	WE	HE	6,762	51.29	62.88	●1.81
133	26	7	The University of Sheffield	GBR	WE	HE	6,727	42.89	60.61	▲1.46
134	1	1	Technion - Israel Institute of Technology	ISR	ME	HE	6,719	40.99	60.28	▲1.28
135	50	2	City University of Hong Kong	HKG	AS	HE	6,712	65.82	57.00	▲1.44
136	51	27	National University of Defense Technology	CHN	AS	HE	6,696	3.46	7.60	◆0.36
137	52	28	University of Electronic Science and Technology	CHN	AS	HE	6,643	10.12	18.74	◆0.51
138	50	45	University of California, Irvine	USA	NA	HE	6,619	36.61	68.21	●1.80
139	27	2	Ghent University	BEL	WE	HE	6,599	45.26	55.46	▲1.34
140	53	4	National Tsing Hua University	TWN	AS	HE	6,509	18.85	63.90	▲1.19
141	28	2	Eindhoven University of Technology	NLD	WE	HE	6,451	44.74	55.73	▲1.64
142	54	5	Hanyang University	KOR	AS	HE	6,442	21.58	46.51	◆0.99
143	51	46	Lawrence Livermore National Laboratory	USA	NA	GO	6,420	34.14	63.24	●1.77
144	52	47	IBM Research	USA	NA	PR	6,379	28.63	56.00	●2.52
145	55	12	University of Tsukuba	JPN	AS	HE	6,373	28.78	51.34	▲1.13
146	56	13	Institute of Physical and Chemical Research	JPN	AS	GO	6,285	35.02	56.32	▲1.23
147	57	29	Nanjing University of Aeronautics and Astronautics	CHN	AS	HE	6,276	6.34	12.51	◆0.58
148	6	1	Hungarian Academy of Sciences	HUN	EE	GO	6,274	59.69	49.76	▲1.01
149	29	4	Fraunhofer Gesellschaft	DEU	WE	GO	6,253	32.02	40.73	▲1.38
150	30	8	University of Bristol	GBR	WE	HE	6,218	53.57	68.72	▲1.57
151	58	30	Hunan University	CHN	AS	HE	6,196	11.93	23.27	◆0.74
152	31	9	The University of Edinburgh	GBR	WE	HE	6,195	57.40	62.60	▲1.70
153	32	5	Technische Universität München	DEU	WE	HE	6,187	45.08	54.19	▲1.51
154	53	48	US Naval Research Laboratory	USA	NA	GO	6,158	25.09	64.44	▲1.48
155	59	31	Xidian University	CHN	AS	HE	6,134	6.06	10.69	◆0.50
156	3	2	Universidade Estadual de Campinas	BRA	LA	HE	6,128	26.93	45.90	◆0.92
157	54	49	U.S. Army	USA	NA	GO	6,121	13.84	42.93	▲1.09
158	33	6	Università degli Studi di Napoli Federico II	ITA	WE	HE	6,110	36.64	54.98	▲1.23
159	60	14	Japan Atomic Energy Agency	JPN	AS	GO	6,103	25.91	49.65	◆0.99
160	4	1	Consejo Nacional de Investigaciones Científicas y Técnicas	ARG	LA	GO	6,037	42.42	56.22	◆0.89
161	34	1	Uppsala University	SWE	WE	HE	6,025	59.14	65.69	▲1.34
162	61	32	China University of Petroleum	CHN	AS	HE	6,024	5.26	10.38	◆0.39
163	35	10	University of Leeds	GBR	WE	HE	6,020	46.61	63.72	▲1.43
164	2	2	Tel Aviv University	ISR	ME	HE	5,967	44.70	57.48	▲1.29
165	36	3	Utrecht University	NLD	WE	HE	5,931	49.96	64.00	▲1.61
166	55	50	National Oceanic and Atmospheric Administration	USA	NA	GO	5,892	30.19	69.87	▲1.52
167	37	5	Université Denis Diderot, Paris 7	FRA	WE	HE	5,890	60.05	65.01	▲1.48
168	62	3	The Hong Kong University of Science and Technology	HKG	AS	HE	5,887	57.23	63.29	▲1.67
169	38	7	Università degli Studi di Pisa	ITA	WE	HE	5,882	41.60	55.47	▲1.35
170	3	3	Australian National University	AUS	OC	HE	5,841	56.63	66.80	▲1.49
171	39	3	Universitat de Barcelona	ESP	WE	HE	5,795	52.98	67.09	▲1.35
172	40	8	Istituto Nazionale di Astrofisica	ITA	WE	GO	5,792	73.52	70.91	▲1.31
173	56	51	University of Pennsylvania	USA	NA	HE	5,774	34.21	69.19	●2.16
174	57	6	National Research Council Canada	CAN	NA	GO	5,751	43.85	60.75	▲1.39
175	41	6	Université Claude Bernard, Lyon I	FRA	WE	HE	5,749	50.57	60.36	▲1.28

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
176	63	33	Shanghai University	CHN	AS	HE	5,742	12.59	23.30	◆ 0.67
177	42	1	Universidade Tecnica de Lisboa	PRT	WE	HE	5,738	46.93	50.07	▲ 1.25
178	43	1	Technische Universitat Wien	AUT	WE	HE	5,702	53.53	47.56	▲ 1.23
179	44	2	Royal Institute of Technology	SWE	WE	HE	5,699	50.13	59.54	▲ 1.30
180	64	4	The University of Hong Kong	HKG	AS	HE	5,645	60.04	56.83	▲ 1.49
181	65	34	Sun Yat-Sen University	CHN	AS	HE	5,621	24.69	37.25	◆ 0.97
182	66	35	Chongqing University	CHN	AS	HE	5,598	12.20	11.84	◆ 0.48
183	4	4	The University of Queensland	AUS	OC	HE	5,535	46.32	60.09	▲ 1.52
184	45	7	Universite Paul Sabatier, Toulouse III	FRA	WE	HE	5,531	56.86	66.14	▲ 1.31
185	58	52	U.S. Air Force	USA	NA	GO	5,514	13.76	44.49	▲ 1.19
186	46	6	Universitat Stuttgart	DEU	WE	HE	5,508	40.80	50.36	▲ 1.37
187	67	6	Sungkyunkwan University	KOR	AS	HE	5,500	25.78	48.51	▲ 1.08
188	59	53	University of Tennessee, Knoxville	USA	NA	HE	5,482	37.38	60.07	▲ 1.49
189	47	11	University of Nottingham	GBR	WE	HE	5,471	41.22	61.29	▲ 1.42
190	60	54	Yale University	USA	NA	HE	5,441	44.40	71.55	● 1.91
191	68	15	Hiroshima University	JPN	AS	HE	5,422	26.17	51.22	▲ 1.01
192	69	36	Beijing Jiaotong University	CHN	AS	HE	5,386	10.38	12.68	◆ 0.45
193	48	7	Forschungszentrum Julich in der Helmholtz Gemeinschaft	DEU	WE	GO	5,383	58.93	65.65	▲ 1.50
194	49	9	Politecnico di Milano	ITA	WE	HE	5,380	32.29	51.10	▲ 1.31
195	70	2	Indian Institute of Science	IND	AS	HE	5,380	25.35	58.16	▲ 1.10
196	5	5	University of Melbourne	AUS	OC	HE	5,371	46.62	60.44	▲ 1.63
197	50	3	Lund University	SWE	WE	HE	5,371	56.73	67.23	▲ 1.60
198	71	7	Pohang University of Science and Technology	KOR	AS	HE	5,364	27.67	58.71	▲ 1.43
199	51	8	Technische Universitat Darmstadt	DEU	WE	HE	5,340	48.60	45.58	▲ 1.31
200	61	55	US Geological Survey	USA	NA	GO	5,333	26.57	69.34	▲ 1.48
201	52	4	Universidad Complutense de Madrid	ESP	WE	HE	5,330	40.09	57.60	▲ 1.19
202	72	37	Ministry of Education of China	CHN	AS	GO	5,317	12.73	33.42	◆ 0.76
203	53	10	Universita degli Studi di Milano	ITA	WE	HE	5,284	43.57	54.96	▲ 1.17
204	62	7	University of Calgary	CAN	NA	HE	5,242	42.94	47.35	▲ 1.18
205	54	1	University of Helsinki	FIN	WE	HE	5,197	55.65	63.61	▲ 1.48
206	63	56	Duke University	USA	NA	HE	5,159	32.25	69.53	● 1.88
207	73	38	East China University of Science and Technology	CHN	AS	HE	5,146	12.24	29.25	◆ 0.70
208	55	11	Universita degli Studi di Firenze	ITA	WE	HE	5,139	43.32	57.97	▲ 1.19
209	64	8	McMaster University	CAN	NA	HE	5,098	45.78	60.65	▲ 1.39
210	56	4	Chalmers University of Technology	SWE	WE	HE	5,069	45.08	55.04	▲ 1.28
211	5	3	Universidade Federal do Rio de Janeiro	BRA	LA	HE	5,047	31.37	43.08	◆ 0.86
212	65	57	Brookhaven National Laboratory	USA	NA	GO	5,014	49.06	57.74	▲ 1.61
213	74	39	Nanjing University of Science and Technology	CHN	AS	HE	4,992	9.76	12.74	◆ 0.48
214	6	6	Commonwealth Scientific and Industrial Research Organization	AUS	OC	GO	4,916	43.94	62.65	▲ 1.47
215	7	2	Charles University	CZE	EE	HE	4,911	52.84	46.85	▲ 1.14
216	66	58	University of Pittsburgh	USA	NA	HE	4,910	31.83	64.38	▲ 1.61
217	57	12	University of Birmingham	GBR	WE	HE	4,907	50.83	60.79	▲ 1.54
218	7	7	Monash University	AUS	OC	HE	4,905	39.43	56.04	▲ 1.42
219	75	40	Beijing University of Technology	CHN	AS	HE	4,891	9.45	16.64	◆ 0.44
220	67	59	University of Delaware	USA	NA	HE	4,864	30.69	64.62	▲ 1.48
221	8	1	Bulgarian Academy of Sciences	BGR	EE	GO	4,860	65.08	42.55	◆ 0.83
222	58	5	Universitat de Valencia	ESP	WE	HE	4,846	52.19	60.01	▲ 1.26
223	76	16	Waseda University	JPN	AS	HE	4,827	22.81	46.14	▲ 1.05
224	68	60	University of Massachusetts, Amherst	USA	NA	HE	4,826	39.29	68.65	● 1.75
225	69	61	State University of New York, Stony Brook	USA	NA	HE	4,826	39.06	61.65	▲ 1.64
226	70	62	University of Virginia	USA	NA	HE	4,816	34.14	67.32	▲ 1.56
227	71	63	University of Hawaii, Manoa	USA	NA	HE	4,815	49.30	74.08	▲ 1.71
228	72	64	University of Chicago	USA	NA	HE	4,812	41.48	74.52	● 2.11
229	77	41	Beijing Normal University	CHN	AS	HE	4,784	22.58	26.76	◆ 0.67
230	59	5	Linkopings Universitet	SWE	WE	HE	4,776	52.72	58.52	▲ 1.43
231	60	9	Ludwig-Maximilians Universitat Munchen	DEU	WE	HE	4,752	49.31	56.63	▲ 1.70
232	78	42	Lanzhou University	CHN	AS	HE	4,734	13.10	35.72	◆ 0.90
233	61	13	University of Liverpool	GBR	WE	HE	4,691	56.85	59.71	▲ 1.41

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
234	9	2	University of Warsaw	POL	EE	HE	4,685	50.54	44.33	▲ 1.10
235	62	10	Technische Universität Dresden	DEU	WE	HE	4,678	42.69	50.26	▲ 1.21
236	10	1	University of Ljubljana	SVN	EE	HE	4,661	40.42	44.13	◆ 0.93
237	73	65	Colorado State University	USA	NA	HE	4,657	32.06	63.00	▲ 1.41
238	63	14	University of Durham	GBR	WE	HE	4,650	57.23	62.00	▲ 1.66
239	79	5	The Chinese University of Hong Kong	HKG	AS	HE	4,648	58.50	54.07	▲ 1.32
240	64	1	National Technical University of Athens	GRC	WE	HE	4,648	31.28	43.91	▲ 1.04
241	74	66	University of California, Riverside	USA	NA	HE	4,602	41.35	68.41	▲ 1.65
242	65	11	Ruhr-Universität Bochum	DEU	WE	HE	4,601	53.66	61.31	▲ 1.33
243	75	67	Louisiana State University, Baton Rouge	USA	NA	HE	4,584	32.79	58.94	▲ 1.34
244	76	68	University of Utah	USA	NA	HE	4,583	29.87	65.72	▲ 1.59
245	66	3	European Organization for Nuclear Research	CHE	WE	GO	4,562	80.10	45.73	▲ 1.41
246	80	8	Pusan National University	KOR	AS	HE	4,545	23.74	38.83	◆ 0.89
247	67	2	Universität Wien	AUT	WE	HE	4,543	65.57	57.65	▲ 1.35
248	11	3	Joint Institute for Nuclear Research	RUS	EE	GO	4,512	76.51	36.15	▲ 1.02
249	12	4	Saint Petersburg State University	RUS	EE	HE	4,506	44.70	28.38	◆ 0.49
250	81	5	Academia Sinica	TWN	AS	GO	4,505	42.42	67.66	▲ 1.21
251	68	2	Aristotle University of Thessaloniki	GRC	WE	HE	4,505	34.54	51.83	▲ 1.12
252	77	69	Florida State University	USA	NA	HE	4,501	40.79	62.23	▲ 1.49
253	69	2	Aarhus University	DNK	WE	HE	4,496	60.63	66.81	▲ 1.67
254	78	70	Rensselaer Polytechnic Institute	USA	NA	HE	4,457	29.93	59.43	▲ 1.69
255	79	71	University of Central Florida	USA	NA	HE	4,456	27.04	52.56	▲ 1.25
256	70	1	Norwegian University of Science and Technology	NOR	WE	HE	4,440	43.18	52.77	▲ 1.36
257	80	72	University of North Carolina, Chapel Hill	USA	NA	HE	4,431	27.40	71.04	▲ 1.71
258	71	4	University of Amsterdam	NLD	WE	HE	4,430	58.69	62.64	▲ 1.55
259	81	9	University of Western Ontario	CAN	NA	HE	4,419	41.07	57.00	▲ 1.24
260	72	12	Karlsruher Institut für Technologie	DEU	WE	GO	4,408	52.79	56.08	▲ 1.62
261	3	3	Hebrew University of Jerusalem	ISR	ME	HE	4,395	50.97	63.89	▲ 1.43
262	73	2	University of Oslo	NOR	WE	HE	4,389	60.36	62.06	▲ 1.41
263	82	3	Indian Institute of Technology, Kharagpur	IND	AS	HE	4,385	18.54	52.61	▲ 1.09
264	74	13	Friedrich-Alexander-Universität Erlangen-Nürnberg	DEU	WE	HE	4,380	44.13	58.97	▲ 1.63
265	82	73	Sandia National Laboratories, New Mexico	USA	NA	GO	4,376	16.66	59.00	▲ 1.47
266	13	3	Warsaw University of Technology	POL	EE	HE	4,366	29.64	30.65	◆ 0.84
267	75	14	Technische Universität Berlin	DEU	WE	HE	4,357	44.48	49.41	▲ 1.38
268	6	2	Sistema de Centros Públicos de Investigación CONACYT	MEX	LA	GO	4,353	41.28	44.02	◆ 0.78
269	83	74	Boston University	USA	NA	HE	4,314	40.84	68.38	● 1.79
270	83	43	Beijing University of Posts and Telecommunications	CHN	AS	HE	4,310	8.54	8.91	◆ 0.42
271	84	6	National Central University	TWN	AS	HE	4,295	26.82	54.97	◆ 0.98
272	84	75	Oregon State University	USA	NA	HE	4,264	28.35	64.02	▲ 1.52
273	76	12	Politecnico di Torino	ITA	WE	HE	4,262	34.12	50.84	▲ 1.43
274	77	8	Ecole Polytechnique	FRA	WE	HE	4,249	58.88	63.87	▲ 1.60
275	85	76	University of Connecticut	USA	NA	HE	4,242	28.60	56.08	▲ 1.34
276	78	15	University of Glasgow	GBR	WE	HE	4,238	53.52	58.61	▲ 1.48
277	86	77	American Institute of Aeronautics and Astronautics	USA	NA	OT	4,234	36.66	57.01	▲ 1.71
278	79	5	University of Twente	NLD	WE	HE	4,220	41.49	59.31	▲ 1.71
279	80	3	University of Copenhagen	DNK	WE	HE	4,214	62.22	65.95	▲ 1.42
280	87	78	University of California, Santa Cruz	USA	NA	HE	4,176	43.06	71.38	● 2.07
281	81	6	Universidad Politécnica de Valencia	ESP	WE	HE	4,150	28.77	47.76	▲ 1.19
282	82	2	Helsinki University of Technology	FIN	WE	HE	4,146	42.79	55.35	▲ 1.41
283	83	2	Universidade do Porto	PRT	WE	HE	4,124	42.53	53.59	▲ 1.22
284	88	79	University of Georgia	USA	NA	HE	4,122	28.97	61.67	▲ 1.22
285	85	17	Keio University	JPN	AS	HE	4,121	14.97	42.95	◆ 0.97
286	84	15	Universität Heidelberg	DEU	WE	HE	4,119	59.14	68.12	▲ 1.48
287	85	7	Universitat Autònoma de Barcelona	ESP	WE	HE	4,116	52.21	63.46	▲ 1.44
288	89	80	University of Notre Dame	USA	NA	HE	4,107	44.07	64.21	▲ 1.72
289	90	10	University of Ottawa	CAN	NA	HE	4,106	34.85	48.90	▲ 1.22
290	86	9	Kyungpook National University	KOR	AS	HE	4,078	31.09	41.56	◆ 0.96
291	86	8	Universidad Autónoma de Madrid	ESP	WE	HE	4,066	50.71	60.50	▲ 1.36
292	87	18	Tokyo University of Science	JPN	AS	HE	4,066	14.66	43.97	◆ 0.93

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
293	4	4	Ben Gurion University	ISR	ME	HE	4,053	40.14	54.08	0.98
294	87	16	Rheinische Friedrich-Wilhelms-Universität Bonn	DEU	WE	HE	4,050	56.17	55.46	1.36
295	88	9	Institut National de Recherche en Informatique et en Automatique	FRA	WE	GO	4,025	42.14	32.30	1.82
296	88	44	China University of Geosciences	CHN	AS	HE	3,999	17.85	22.86	0.73
297	89	17	Universität Hamburg	DEU	WE	HE	3,978	54.83	60.78	1.36
298	91	81	Rice University	USA	NA	HE	3,974	34.50	68.77	2.22
299	90	9	Universidad de Granada	ESP	WE	HE	3,926	39.33	48.57	1.17
300	89	45	Southwest Jiaotong University	CHN	AS	HE	3,920	10.15	12.65	0.60
301	90	46	Beijing University of Chemical Technology	CHN	AS	HE	3,918	10.34	30.63	0.68
302	92	82	Indiana University-Bloomington	USA	NA	HE	3,914	40.44	61.78	1.50
303	91	10	Korea Institute of Science and Technology	KOR	AS	GO	3,890	18.69	55.50	1.10
304	92	11	Inha University	KOR	AS	HE	3,890	16.27	36.38	0.93
305	93	83	University of Illinois, Chicago	USA	NA	HE	3,849	32.87	57.47	1.40
306	93	19	Nippon Telegraph and Telephone Corporation	JPN	AS	PR	3,845	14.49	35.24	0.96
307	91	13	Università degli Studi di Torino	ITA	WE	HE	3,843	51.73	52.77	1.30
308	92	6	Leiden University	NLD	WE	HE	3,833	63.34	68.88	1.61
309	93	14	Università degli Studi di Genova	ITA	WE	HE	3,833	40.31	53.67	1.15
310	94	47	Xiamen University	CHN	AS	HE	3,825	19.74	35.76	0.77
311	94	7	University of Groningen	NLD	WE	HE	3,819	55.12	70.36	1.82
312	94	84	National Institutes of Health	USA	NA	HL	3,819	34.77	77.72	1.58
313	95	4	University of Geneva	CHE	WE	HE	3,815	68.73	68.02	1.68
314	7	4	Universidade Estadual Paulista Julio de Mesquita Filho	BRA	LA	HE	3,814	24.62	43.97	0.85
315	96	10	Universidad Politecnica de Madrid	ESP	WE	HE	3,809	32.19	43.32	0.98
316	97	6	Stockholm University	SWE	WE	HE	3,790	59.63	70.74	1.65
317	98	11	Universidad del País Vasco	ESP	WE	HE	3,790	38.05	60.53	1.16
318	95	85	Pacific Northwest National Laboratory	USA	NA	GO	3,783	23.63	63.57	1.58
319	96	86	University of Kentucky	USA	NA	HE	3,782	29.16	57.22	1.24
320	99	3	Universidade de Aveiro	PRT	WE	HE	3,778	51.11	55.98	1.23
321	100	15	Università degli Studi di Roma Tor Vergata	ITA	WE	HE	3,778	44.97	54.08	1.13
322	95	4	Indian Institute of Technology, Delhi	IND	AS	HE	3,772	20.86	48.41	1.10
323	101	12	Universidad de Sevilla	ESP	WE	HE	3,771	39.38	50.73	1.13
324	102	16	Cardiff University	GBR	WE	HE	3,770	47.67	60.21	1.44
325	97	11	Queen's University	CAN	NA	HE	3,761	39.96	56.37	1.37
326	98	87	University of New Mexico	USA	NA	HE	3,760	34.60	61.57	1.54
327	103	10	Université des Sciences et Techniques du Languedoc, Montpellier II	FRA	WE	HE	3,748	55.44	62.78	1.27
328	104	18	Georg-August-Universität Göttingen	DEU	WE	HE	3,727	49.42	65.84	1.36
329	99	88	University of Rochester	USA	NA	HE	3,720	40.35	68.36	1.79
330	105	17	University of Warwick	GBR	WE	HE	3,716	54.33	64.80	1.25
331	100	89	University of Cincinnati	USA	NA	HE	3,692	34.56	59.64	1.32
332	106	11	Université Joseph Fourier, Grenoble I	FRA	WE	HE	3,680	59.51	67.72	1.50
333	14	1	Slovak Academy of Sciences	SVK	EE	GO	3,672	59.04	41.31	0.80
334	107	18	Science and Technology Facilities Council	GBR	WE	GO	3,661	74.79	70.34	1.39
335	15	4	Wrocław University of Technology	POL	EE	HE	3,660	29.21	31.50	0.76
336	101	90	University of Iowa	USA	NA	HE	3,655	35.21	64.57	1.50
337	102	91	State University of New York, Buffalo	USA	NA	HE	3,653	28.17	63.07	1.39
338	108	13	Universidad de Zaragoza	ESP	WE	HE	3,653	38.19	55.71	1.27
339	109	19	Westfälische Wilhelms-Universität Münster	DEU	WE	HE	3,637	44.05	58.12	1.40
340	103	92	Intel Corporation	USA	NA	PR	3,628	22.91	52.09	2.36
341	104	93	University of Nebraska, Lincoln	USA	NA	HE	3,626	28.74	59.90	1.28
342	16	1	University of Zagreb	HRV	EE	HE	3,620	36.08	29.64	0.76
343	110	19	Queen's University Belfast	GBR	WE	HE	3,618	47.01	60.50	1.35
344	96	20	High Energy Accelerator Research Organization	JPN	AS	GO	3,614	45.82	54.07	1.23
345	5	5	Weizmann Institute of Science	ISR	ME	HE	3,555	56.34	68.55	1.87
346	97	48	China Petroleum and Chemical Corporation	CHN	AS	PR	3,552	2.67	6.48	0.26
347	17	5	Jagiellonian University	POL	EE	HE	3,551	49.42	48.32	0.99
348	98	5	Bhabha Atomic Research Centre	IND	AS	GO	3,549	19.22	52.49	0.84
349	99	49	Harbin Engineering University	CHN	AS	HE	3,532	4.98	8.38	0.34

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
350	100	21	Kobe University	JPN	AS	HE	3,528	23.19	49.94	▲1.02
351	105	12	University of Victoria	CAN	NA	HE	3,525	54.27	57.36	▲1.48
352	111	20	University of Surrey	GBR	WE	HE	3,523	44.54	48.40	▲1.10
353	112	20	Johannes Gutenberg-Universität Mainz	DEU	WE	HE	3,520	60.00	64.91	▲1.63
354	106	94	Vanderbilt University	USA	NA	HE	3,507	34.82	64.39	▲1.58
355	101	22	Chiba University	JPN	AS	HE	3,493	24.56	48.10	◆0.95
356	102	6	Indian Institute of Technology, Madras	IND	AS	HE	3,485	19.86	51.36	◆0.98
357	8	2	Universidad de Buenos Aires	ARG	LA	HE	3,478	47.30	54.60	◆0.97
358	107	95	University of South Carolina	USA	NA	HE	3,470	32.36	61.44	▲1.56
359	113	8	Free University	NLD	WE	HE	3,460	55.32	60.84	▲1.56
360	108	96	University of Houston	USA	NA	HE	3,423	36.34	57.84	▲1.25
361	8	8	The University of Western Australia	AUS	OC	HE	3,415	49.05	58.21	▲1.28
362	114	3	Catholic University of Louvain	BEL	WE	HE	3,414	59.78	58.26	▲1.53
363	103	50	China Academy of Engineering Physics	CHN	AS	GO	3,407	3.43	10.01	◆0.36
364	115	3	University of Patras	GRC	WE	HE	3,387	29.67	48.57	▲1.17
365	104	51	China University of Mining and Technology	CHN	AS	HE	3,387	6.35	8.44	◆0.60
366	116	21	Natural Environment Research Council	GBR	WE	GO	3,386	48.82	74.69	▲1.61
367	109	97	Washington University in Saint Louis	USA	NA	HE	3,382	30.81	70.43	●1.79
368	105	52	Wuhan University of Technology	CHN	AS	HE	3,377	10.75	20.55	◆0.61
369	117	22	Loughborough University	GBR	WE	HE	3,367	37.96	48.50	▲1.08
370	110	98	University of Oklahoma	USA	NA	HE	3,365	29.66	58.07	▲1.17
371	111	13	Simon Fraser University	CAN	NA	HE	3,358	45.21	55.36	▲1.50
372	118	23	Newcastle University Upon Tyne	GBR	WE	HE	3,357	43.61	55.50	▲1.34
373	119	5	Paul Scherrer Institut	CHE	WE	GO	3,355	70.73	70.28	▲1.65
374	106	23	Okayama University	JPN	AS	HE	3,338	24.51	48.41	◆0.93
375	120	1	Istanbul Technical University	TUR	WE	HE	3,325	26.26	45.35	▲1.07
376	112	14	Carleton University	CAN	NA	HE	3,322	40.55	45.88	▲1.22
377	121	21	Humboldt-Universität zu Berlin	DEU	WE	HE	3,320	52.08	58.16	▲1.46
378	9	3	Centro de Investigacion y de Estudios Avanzados del IPN	MEX	LA	HE	3,314	41.85	45.87	◆0.88
379	113	99	Brown University	USA	NA	HE	3,302	36.04	69.29	●1.89
380	122	22	Freie Universität Berlin	DEU	WE	HE	3,293	52.54	62.07	▲1.33
381	123	14	Universidade de Santiago de Compostela	ESP	WE	HE	3,280	43.11	57.47	▲1.24
382	107	7	Indian Institute of Technology, Kanpur	IND	AS	HE	3,279	27.45	55.17	▲1.16
383	124	23	Deutsches Zentrum für Luft- und Raumfahrt	DEU	WE	GO	3,274	46.43	47.31	▲1.43
384	125	24	University of Strathclyde	GBR	WE	HE	3,274	42.73	57.06	▲1.16
385	108	53	East China Normal University	CHN	AS	HE	3,272	19.44	32.52	◆0.77
386	126	25	University of York	GBR	WE	HE	3,270	44.95	53.36	▲1.44
387	127	6	University of Zurich	CHE	WE	HE	3,269	63.60	63.87	▲1.73
388	128	26	Queen Mary, University of London	GBR	WE	HE	3,252	51.72	58.30	▲1.48
389	114	15	Université de Montréal	CAN	NA	HE	3,250	50.40	62.28	▲1.31
390	129	24	Technische Universität Dortmund	DEU	WE	HE	3,225	40.37	50.36	▲1.38
391	109	8	Indian Institute of Technology, Bombay	IND	AS	HE	3,224	27.57	52.30	▲1.11
392	115	100	Clemson University	USA	NA	HE	3,221	23.13	54.27	▲1.28
393	130	4	University of Athens	GRC	WE	HE	3,221	47.28	53.28	▲1.10
394	131	25	Albert-Ludwigs-Universität Freiburg im Breisgau	DEU	WE	HE	3,215	45.85	57.45	▲1.65
395	132	27	University of St. Andrews	GBR	WE	HE	3,211	59.14	62.32	▲1.51
396	133	2	ME Technical University	TUR	WE	HE	3,191	26.48	45.97	▲1.01
397	110	54	Soochow University	CHN	AS	HE	3,191	13.66	26.89	◆0.63
398	6	1	Sharif University of Technology	IRN	ME	HE	3,185	21.19	40.53	◆0.91
399	116	101	New York University	USA	NA	HE	3,180	38.33	65.44	●2.01
400	117	102	US Environmental Protection Agency	USA	NA	GO	3,175	18.87	72.76	▲1.46
401	134	26	Johann Wolfgang Goethe-Universität Frankfurt am Main	DEU	WE	HE	3,168	57.42	48.55	▲1.33
402	135	27	Universität Bremen	DEU	WE	HE	3,164	48.89	53.79	▲1.38
403	18	2	Budapest University of Technology and Economics	HUN	EE	HE	3,157	42.60	43.40	◆0.96
404	136	28	Technische Universität Braunschweig	DEU	WE	HE	3,156	42.62	50.25	▲1.11
405	111	24	Osaka Prefecture University	JPN	AS	HE	3,144	16.22	43.67	◆0.93
406	112	25	Japan Aerospace Exploration Agency	JPN	AS	GO	3,128	40.54	52.65	▲1.10
407	118	16	University of Saskatchewan	CAN	NA	HE	3,121	43.64	55.46	▲1.12
408	137	29	Eberhard-Karls-Universität Tübingen	DEU	WE	HE	3,120	51.38	55.67	▲1.35

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
409	113	12	Chungnam National University	KOR	AS	HE	3,113	24.03	40.41	◆ 0.86
410	138	12	Universite Bordeaux I	FRA	WE	HE	3,103	42.70	61.13	▲ 1.41
411	114	26	Hitachi Limited	JPN	AS	PR	3,098	12.04	39.51	◆ 0.94
412	139	16	Universita degli Studi di Catania	ITA	WE	HE	3,084	36.54	49.68	▲ 1.07
413	19	1	National Academy of Sciences of Belarus	BLR	EE	GO	3,082	44.55	19.86	◆ 0.43
414	119	17	Dalhousie University	CAN	NA	HE	3,074	41.96	56.28	▲ 1.24
415	7	2	University of Tehran	IRN	ME	HE	3,073	23.53	32.05	◆ 0.97
416	115	55	Zhengzhou University	CHN	AS	HE	3,067	7.69	18.42	◆ 0.52
417	120	103	University of Missouri, Columbia	USA	NA	HE	3,061	28.62	54.23	▲ 1.28
418	140	4	Universite Libre de Bruxelles	BEL	WE	HE	3,038	66.89	52.93	▲ 1.40
419	9	1	University of Auckland	NZL	OC	HE	3,038	51.45	48.09	▲ 1.25
420	121	18	Laval University	CAN	NA	HE	3,035	37.79	56.51	▲ 1.28
421	141	17	Universita degli Studi di Pavia	ITA	WE	HE	3,017	45.21	58.50	▲ 1.40
422	142	30	Friedrich-Schiller-Universitat Jena	DEU	WE	HE	3,014	42.40	58.43	▲ 1.44
423	143	31	Universitat zu Koln	DEU	WE	HE	3,001	57.55	55.95	▲ 1.30
424	116	13	Electronics Telecommunication Research Institute	KOR	AS	GO	2,999	12.00	39.45	◆ 0.83
425	20	6	AGH University of Science and Technology	POL	EE	HE	2,996	34.85	33.85	◆ 0.76
426	122	19	Concordia University	CAN	NA	HE	2,992	34.43	37.20	▲ 1.10
427	144	5	Interuniversity Microelectronics Center	BEL	WE	PR	2,970	51.45	60.64	● 1.94
428	21	2	Slovenian Academy of Sciences and Arts	SVN	EE	GO	2,961	58.53	55.79	▲ 1.13
429	145	6	University of Antwerp	BEL	WE	HE	2,946	65.82	63.48	▲ 1.34
430	146	4	Universidade de Coimbra	PRT	WE	HE	2,940	46.60	48.13	▲ 1.09
431	123	104	Auburn University	USA	NA	HE	2,939	23.75	48.45	▲ 1.16
432	117	56	Ocean University of China	CHN	AS	HE	2,924	18.02	24.15	◆ 0.61
433	118	7	National Sun Yat-Sen University	TWN	AS	HE	2,915	20.48	53.58	▲ 1.11
434	124	105	Case Western Reserve University	USA	NA	HE	2,895	26.98	63.52	▲ 1.53
435	147	28	University of Bath	GBR	WE	HE	2,864	43.92	58.90	▲ 1.38
436	148	32	Gottfried Wilhelm Leibniz Universitat Hannover	DEU	WE	HE	2,861	43.34	51.56	▲ 1.38
437	119	27	Tokyo Metropolitan University	JPN	AS	HE	2,846	29.30	52.81	▲ 1.07
438	149	33	Julius-Maximilians-Universitat Wurzburg	DEU	WE	HE	2,842	49.12	66.75	▲ 1.43
439	120	28	University of Shizuoka	JPN	AS	HE	2,839	19.34	49.31	◆ 0.91
440	10	1	Universidad de Chile	CHL	LA	HE	2,832	61.48	52.86	▲ 1.04
441	150	7	Vrije University Brussel	BEL	WE	HE	2,831	53.62	50.30	▲ 1.42
442	11	5	Universidade Federal do Rio Grande do Sul	BRA	LA	HE	2,825	34.65	49.91	◆ 0.89
443	121	57	North China Electric Power University	CHN	AS	HE	2,812	6.83	6.54	◆ 0.70
444	151	29	University of Leicester	GBR	WE	HE	2,811	57.95	63.36	▲ 1.46
445	152	18	Universita degli Studi di Salerno	ITA	WE	HE	2,810	35.91	49.36	▲ 1.15
446	153	13	Ecole Normale Superieure de Paris	FRA	WE	HE	2,807	52.83	67.79	● 1.80
447	122	58	Zhejiang University of Technology	CHN	AS	HE	2,804	9.56	16.98	◆ 0.56
448	123	29	Nagoya Institute of Technology	JPN	AS	HE	2,797	16.48	42.19	◆ 0.84
449	154	19	Universita degli Studi di Trieste	ITA	WE	HE	2,792	59.81	67.66	▲ 1.46
450	155	8	University of Liege	BEL	WE	HE	2,789	62.07	59.52	▲ 1.29
451	156	20	Universita degli Studi di Trento	ITA	WE	HE	2,775	43.86	52.79	▲ 1.48
452	157	14	European Synchrotron Radiation Facility	FRA	WE	GO	2,765	82.78	77.18	▲ 1.36
453	158	21	Universita degli Studi di Perugia	ITA	WE	HE	2,752	48.26	64.03	▲ 1.30
454	159	22	Ente per le Nuove Tecnologie l'Energia e l'Ambiente	ITA	WE	GO	2,745	49.03	60.87	▲ 1.25
455	160	3	University of Bergen	NOR	WE	HE	2,743	68.87	65.15	▲ 1.54
456	161	34	Universitat Leipzig	DEU	WE	HE	2,743	45.61	52.42	▲ 1.16
457	124	30	Tokyo University of Agriculture and Technology	JPN	AS	HE	2,740	22.08	47.99	◆ 0.96
458	162	5	Universidade de Lisboa	PRT	WE	HE	2,735	53.93	52.69	▲ 1.05
459	125	20	University of Manitoba	CAN	NA	HE	2,734	39.14	47.77	▲ 1.10
460	125	8	National Chung Hsing University	TWN	AS	HE	2,733	11.71	55.14	▲ 1.03
461	126	106	Microsoft Corporation	USA	NA	PR	2,732	39.57	43.81	● 2.95
462	126	59	Nanjing University of Technology	CHN	AS	HE	2,709	7.94	18.90	◆ 0.54
463	163	30	The University of Reading	GBR	WE	HE	2,707	45.84	62.69	▲ 1.45
464	127	14	Chonbuk National University	KOR	AS	HE	2,696	29.97	43.81	▲ 1.02
465	128	60	Yanshan University	CHN	AS	HE	2,695	7.72	15.18	◆ 0.44
466	22	3	Eotvos Lorand University	HUN	EE	HE	2,689	52.29	49.39	▲ 1.07
467	164	35	Universitat Bayreuth	DEU	WE	HE	2,688	51.15	66.74	▲ 1.41

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
468	165	23	Universita degli Studi di Bari	ITA	WE	HE	2,674	42.11	56.10	▲ 1.17
469	166	7	University of Bern	CHE	WE	HE	2,669	60.96	64.26	▲ 1.65
470	127	107	University of Kansas	USA	NA	HE	2,654	37.53	65.07	▲ 1.39
471	129	61	Jiangsu University	CHN	AS	HE	2,653	7.12	16.02	◆ 0.56
472	23	1	Politehnica University of Bucharest	ROU	EE	HE	2,653	27.97	13.23	◆ 0.42
473	167	24	Universita degli Studi di Palermo	ITA	WE	HE	2,643	32.50	54.48	▲ 1.14
474	168	25	Universita degli Studi di Milano-Bicocca	ITA	WE	HE	2,633	48.96	56.25	▲ 1.25
475	169	15	Universidad de Oviedo	ESP	WE	HE	2,631	31.58	60.32	▲ 1.10
476	130	62	Hefei University of Technology	CHN	AS	HE	2,624	10.52	19.40	◆ 0.64
477	10	9	The University of Adelaide	AUS	OC	HE	2,608	46.05	54.26	▲ 1.29
478	170	36	Deutsche Elektronen-Synchrotron Desy	DEU	WE	GO	2,596	72.69	49.23	▲ 1.37
479	131	31	Yokohama National University	JPN	AS	HE	2,595	18.30	41.66	◆ 0.96
480	128	108	Washington State University, Pullman	USA	NA	HE	2,581	26.50	60.87	▲ 1.38
481	171	1	University of Dublin, Trinity College	IRL	WE	HE	2,575	56.43	56.93	▲ 1.68
482	172	37	Universitat Duisburg Essen	DEU	WE	HE	2,572	46.00	54.00	▲ 1.28
483	129	109	Drexel University	USA	NA	HE	2,567	28.09	54.58	▲ 1.60
484	132	63	Jinan University	CHN	AS	HE	2,565	12.09	21.09	◆ 0.51
485	173	9	Radboud University Nijmegen	NLD	WE	HE	2,558	55.04	63.88	▲ 1.70
486	174	38	Christian-Albrechts-Universitat zu Kiel	DEU	WE	HE	2,556	50.23	55.95	▲ 1.24
487	130	110	Northeastern University	USA	NA	HE	2,554	35.20	57.32	▲ 1.46
488	175	3	Technische Universitat Graz	AUT	WE	HE	2,553	47.16	47.79	▲ 1.36
489	131	111	Wayne State University	USA	NA	HE	2,547	35.02	59.48	▲ 1.35
490	176	31	Lancaster University	GBR	WE	HE	2,538	58.63	58.31	▲ 1.63
491	24	2	Institutul de Fizica Atomica	ROU	EE	GO	2,535	68.13	36.37	◆ 0.80
492	177	10	Wageningen University	NLD	WE	HE	2,524	52.81	69.02	▲ 1.49
493	178	15	Observatoire de Paris	FRA	WE	GO	2,519	81.30	74.63	▲ 1.38
494	11	10	University of Wollongong	AUS	OC	HE	2,512	47.85	55.33	▲ 1.38
495	12	6	Universidade Federal de Minas Gerais	BRA	LA	HE	2,491	31.83	48.66	◆ 0.96
496	179	32	Kings College London	GBR	WE	HE	2,488	48.79	52.01	▲ 1.52
497	133	32	University of Electro-Communications	JPN	AS	HE	2,481	27.89	37.24	◆ 0.85
498	180	16	Institut National de la Recherche Agronomique	FRA	WE	GO	2,477	41.18	69.56	▲ 1.35
499	132	112	University of Texas, Dallas	USA	NA	HE	2,476	38.57	54.20	▲ 1.48
500	133	113	University of South Florida	USA	NA	HE	2,467	24.52	53.79	▲ 1.22
501	134	9	National Taiwan University of Science and Technology	TWN	AS	HE	2,453	10.72	47.86	◆ 0.98
502	135	9	Jadavpur University	IND	AS	HE	2,440	21.27	39.51	◆ 0.87
503	181	33	University of Aberdeen	GBR	WE	HE	2,437	54.49	49.08	▲ 1.19
504	136	64	Huazhong Normal University	CHN	AS	HE	2,429	21.28	31.33	◆ 0.92
505	8	1	Cairo University	EGY	ME	HE	2,424	29.33	24.13	◆ 0.71
506	137	65	Fuzhou University	CHN	AS	HE	2,418	11.54	24.77	◆ 0.85
507	13	3	Universidad Nacional de La Plata	ARG	LA	HE	2,418	48.43	53.35	◆ 0.84
508	182	26	Universita della Calabria	ITA	WE	HE	2,414	30.07	51.95	▲ 1.08
509	138	10	Industrial Technology Research Institute of Taiwan	TWN	AS	GO	2,407	10.14	54.84	▲ 1.04
510	14	7	Universidade Federal de Sao Carlos	BRA	LA	HE	2,405	22.33	46.65	◆ 0.78
511	134	114	The Electrochemical Society	USA	NA	OT	2,399	70.36	84.58	▲ 1.00
512	135	115	Kansas State University	USA	NA	HE	2,380	31.47	56.64	▲ 1.27
513	25	7	Jesuit University of Philosophy and Education	POL	EE	HE	2,380	36.60	42.31	◆ 0.73
514	139	33	Kyushu Institute of Technology	JPN	AS	HE	2,371	18.26	32.60	◆ 0.84
515	26	8	University of Wroclaw	POL	EE	HE	2,370	42.57	45.99	◆ 0.82
516	27	5	Russian Research Centre Kurchatov Institute	RUS	EE	GO	2,365	52.01	33.45	◆ 0.81
517	136	116	Alcatel-Lucent	USA	NA	PR	2,357	36.02	57.32	● 2.18
518	183	27	Universita degli Studi di Ferrara	ITA	WE	HE	2,354	47.07	63.64	▲ 1.26
519	184	3	University of Oulu	FIN	WE	HE	2,354	44.65	49.49	▲ 1.06
520	140	10	Tata Institute of Fundamental Research	IND	AS	HE	2,348	56.81	63.67	▲ 1.14
521	137	117	University of Miami	USA	NA	HE	2,342	36.81	68.74	▲ 1.60
522	141	15	Gwangju Institute of Science and Technology	KOR	AS	HE	2,341	29.05	59.29	▲ 1.17
523	142	16	Korea Atomic Energy Research Institute	KOR	AS	GO	2,341	19.31	34.77	◆ 0.88
524	185	39	Universitat Rostock	DEU	WE	HE	2,339	44.89	50.83	▲ 1.26
525	186	40	Helmholtz Zentrum Berlin fur Materialien und Energie	DEU	WE	GO	2,339	63.62	64.47	▲ 1.18
526	187	2	University College Dublin	IRL	WE	HE	2,335	50.28	53.66	▲ 1.40

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
527	188	16	Universidade de Vigo	ESP	WE	HE	2,335	31.26	51.13	▲ 1.28
528	189	17	Universite de Rennes I	FRA	WE	HE	2,327	49.03	59.17	▲ 1.24
529	1	1	University of Cape Town	ZAF	AF	HE	2,327	51.61	56.64	▲ 1.21
530	190	7	University of Gothenburg	SWE	WE	HE	2,323	49.68	68.14	▲ 1.17
531	138	118	Texas Tech University	USA	NA	HE	2,319	25.36	56.23	▲ 1.05
532	191	34	Heriot-Watt University	GBR	WE	HE	2,313	45.31	54.39	▲ 1.20
533	192	4	Aalborg University	DNK	WE	HE	2,308	51.00	42.46	▲ 1.66
534	143	66	Northeast Normal University	CHN	AS	HE	2,302	11.51	36.23	▲ 1.11
535	15	4	Instituto Politecnico Nacional	MEX	LA	HE	2,286	31.58	34.21	◆ 0.64
536	193	28	Universita degli Studi Roma Tre	ITA	WE	HE	2,281	50.72	54.63	▲ 1.24
537	194	41	Technische Universitat Kaiserslautern	DEU	WE	HE	2,276	40.55	49.96	▲ 1.26
538	195	8	University of Basel	CHE	WE	HE	2,265	61.85	68.04	● 1.75
539	144	34	Niigata University	JPN	AS	HE	2,252	29.93	46.14	◆ 0.94
540	196	42	Universitat Regensburg	DEU	WE	HE	2,251	49.84	60.64	▲ 1.33
541	28	9	University of Silesia	POL	EE	HE	2,251	35.50	39.54	◆ 0.83
542	145	67	Hohai University	CHN	AS	HE	2,251	13.82	9.73	◆ 0.44
543	146	17	Chonnam National University	KOR	AS	HE	2,242	29.93	46.03	▲ 1.02
544	197	35	Brunel University	GBR	WE	HE	2,233	52.53	50.65	▲ 1.41
545	198	36	Cranfield University	GBR	WE	HE	2,230	33.14	52.56	▲ 1.15
546	139	119	University of Texas, Arlington	USA	NA	HE	2,225	29.84	54.88	▲ 1.34
547	147	35	Osaka City University, Osaka	JPN	AS	HE	2,222	33.12	59.32	▲ 1.00
548	148	36	Nihon University	JPN	AS	HE	2,219	20.14	40.29	◆ 0.73
549	140	21	University of Guelph	CAN	NA	HE	2,214	44.49	56.46	▲ 1.17
550	199	29	Universita degli Studi di Parma	ITA	WE	HE	2,213	40.62	61.59	▲ 1.29
551	200	37	University of Exeter	GBR	WE	HE	2,211	48.35	65.85	▲ 1.33
552	149	37	Toshiba Corporation	JPN	AS	PR	2,206	9.52	37.81	▲ 1.17
553	201	4	Universitat Innsbruck	AUT	WE	HE	2,201	61.34	65.74	▲ 1.59
554	141	120	George Mason University	USA	NA	HE	2,187	32.83	54.18	▲ 1.34
555	150	11	Indian Institute of Technology, Roorkee	IND	AS	HE	2,187	17.42	41.29	▲ 1.01
556	29	3	CzechTechnical University in Prague	CZE	EE	HE	2,183	40.82	33.26	▲ 1.01
557	151	11	National Chung Cheng University	TWN	AS	HE	2,179	10.14	43.92	▲ 1.04
558	202	3	University College Cork	IRL	WE	HE	2,175	55.26	57.66	▲ 1.23
559	152	68	Nanjing Normal University	CHN	AS	HE	2,175	18.25	28.64	◆ 0.76
560	142	121	Lehigh University	USA	NA	HE	2,171	26.30	60.11	▲ 1.49
561	203	18	Universite des Sciences et Technologies de Lille, Lille I	FRA	WE	HE	2,171	48.87	58.50	▲ 1.21
562	204	30	Universita degli Studi di Modena e Reggio Emilia	ITA	WE	HE	2,169	35.96	59.29	▲ 1.15
563	205	38	University of East Anglia	GBR	WE	HE	2,157	46.55	66.57	▲ 1.42
564	143	122	Fermi National Accelerator Laboratory	USA	NA	GO	2,151	53.93	58.07	● 1.92
565	206	43	Universitat Potsdam	DEU	WE	HE	2,142	55.42	58.17	▲ 1.65
566	153	38	Kanazawa University	JPN	AS	HE	2,137	22.88	43.00	◆ 0.87
567	9	6	Bar-Ilan University	ISR	ME	HE	2,133	46.46	57.90	▲ 1.04
568	144	22	Natural Resources Canada	CAN	NA	GO	2,131	39.89	60.63	▲ 1.37
569	154	69	China Earthquake Administration	CHN	AS	GO	2,131	11.73	10.98	◆ 0.44
570	207	44	Universitat Ulm	DEU	WE	HE	2,129	46.83	60.54	▲ 1.35
571	208	6	Universidade do Minho	PRT	WE	HE	2,125	44.14	46.31	▲ 1.12
572	30	2	Taras Shevchenko National University of Kyiv	UKR	EE	HE	2,121	37.01	21.69	◆ 0.42
573	31	6	Alikhanov Institute for Theoretical and Experimental Physics	RUS	EE	GO	2,112	72.63	46.83	▲ 1.19
574	155	12	Anna University	IND	AS	HE	2,105	20.90	37.91	◆ 0.83
575	145	123	University of Akron	USA	NA	HE	2,104	21.82	62.02	▲ 1.29
576	156	39	Shinshu University	JPN	AS	HE	2,098	22.97	50.00	◆ 0.94
577	157	18	Konkuk University	KOR	AS	HE	2,098	20.78	32.22	◆ 0.84
578	12	11	The University of Newcastle	AUS	OC	HE	2,091	44.91	55.38	▲ 1.34
579	209	31	Universita degli Studi di Siena	ITA	WE	HE	2,084	39.59	50.48	▲ 1.18
580	146	124	University of Nevada-Reno	USA	NA	HE	2,083	28.95	55.50	▲ 1.34
581	147	23	University of Quebec in Montreal	CAN	NA	HE	2,080	41.68	48.61	▲ 1.20
582	148	125	Brigham Young University	USA	NA	HE	2,073	19.59	49.69	▲ 1.37
583	210	45	Universitat Bielefeld	DEU	WE	HE	2,068	50.15	51.84	▲ 1.35
584	13	12	Queensland University of Technology	AUS	OC	HE	2,062	41.17	40.16	▲ 1.46

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
585	149	126	Syracuse University	USA	NA	HE	2,055	36.25	56.11	▲1.57
586	14	2	University of Canterbury	NZL	OC	HE	2,052	51.12	57.07	▲1.25
587	158	40	Kumamoto University	JPN	AS	HE	2,047	22.37	42.79	◆0.82
588	211	46	Otto-von-Guericke-Universitat Magdeburg	DEU	WE	HE	2,034	33.63	48.92	▲1.12
589	212	4	Tampere University of Technology	FIN	WE	HE	2,031	36.24	41.26	▲1.13
590	213	32	Universita del Salento	ITA	WE	HE	2,013	37.16	54.00	▲1.15
591	214	3	Gazi University	TUR	WE	HE	2,006	10.62	32.90	◆0.85
592	159	19	Kyung Hee University	KOR	AS	HE	1,997	20.93	44.52	◆0.88
593	215	39	University of Sussex	GBR	WE	HE	1,990	49.35	58.99	▲1.50
594	150	24	University of New Brunswick	CAN	NA	HE	1,988	40.19	45.67	◆0.99
595	216	47	Philipps-Universitat Marburg	DEU	WE	HE	1,987	43.48	58.93	▲1.42
596	151	127	National Center for Atmospheric Research	USA	NA	GO	1,986	41.19	78.10	●2.05
597	160	70	Northwest University	CHN	AS	HE	1,986	11.03	22.05	◆0.80
598	16	5	Universidad Autonoma Metropolitana	MEX	LA	HE	1,981	28.22	45.99	◆0.69
599	161	13	University of Delhi	IND	AS	HE	1,976	31.38	43.12	◆0.89
600	217	17	Universitat d'Alacant	ESP	WE	HE	1,975	32.76	54.63	▲1.30
601	218	5	Demokritos National Centre for Scientific Research	GRC	WE	GO	1,975	50.99	55.39	▲1.18
602	152	128	New Jersey Institute of Technology	USA	NA	HE	1,974	32.42	54.41	▲1.40
603	162	41	Toyohashi University of Technology	JPN	AS	HE	1,974	23.25	38.91	◆0.83
604	219	18	Universidad de Valladolid	ESP	WE	HE	1,973	41.36	55.04	▲1.01
605	17	8	Universidade Federal de Santa Catarina	BRA	LA	HE	1,967	31.27	40.98	◆0.83
606	153	129	Mississippi State University	USA	NA	HE	1,961	21.42	40.54	▲1.13
607	220	48	GSI Helmholtzzentrum fur Schwerionenforschung GmbH	DEU	WE	GO	1,960	74.29	37.19	▲1.40
608	221	7	Universidade Nova de Lisboa	PRT	WE	HE	1,957	46.24	52.89	▲1.21
609	163	1	Science University of Malaysia	MYS	AS	HE	1,956	48.21	31.13	◆0.98
610	222	19	Universidad de Castilla-La Mancha	ESP	WE	HE	1,954	33.21	51.43	▲1.33
611	223	19	Universite de Provence, Aix-Marseille I	FRA	WE	HE	1,952	54.87	63.47	▲1.47
612	32	10	Technical University of Lodz	POL	EE	HE	1,950	24.51	32.00	◆0.60
613	154	130	Colorado School of Mines	USA	NA	HE	1,946	32.79	52.11	▲1.38
614	164	1	Chulalongkorn University	THA	AS	HE	1,945	47.92	50.64	▲1.01
615	33	2	Slovak University of Technology	SVK	EE	HE	1,942	46.55	31.62	◆0.73
616	34	3	University of Maribor	SVN	EE	HE	1,941	35.55	36.48	◆0.93
617	155	131	West Virginia University	USA	NA	HE	1,932	23.76	47.57	▲1.09
618	165	14	Department of Atomic Energy	IND	AS	GO	1,932	25.05	52.07	◆0.81
619	224	49	Universitat Paderborn	DEU	WE	HE	1,931	41.17	34.85	▲1.14
620	166	42	University of Tokushima	JPN	AS	HE	1,930	17.36	35.80	◆0.68
621	156	132	Dartmouth College	USA	NA	HE	1,927	26.41	63.52	▲1.68
622	225	8	Umea University	SWE	WE	HE	1,915	50.39	66.68	▲1.32
623	157	133	Emory University	USA	NA	HE	1,914	31.19	69.64	▲1.63
624	158	134	Woods Hole Oceanographic Institution	USA	NA	OT	1,911	40.40	85.24	●2.08
625	226	5	Osterreichische Akademie der Wissenschaften	AUT	WE	GO	1,911	73.68	71.01	▲1.68
626	159	135	University of Oregon	USA	NA	HE	1,910	39.90	63.04	▲1.50
627	160	136	University of New Hampshire	USA	NA	HE	1,903	41.99	71.36	▲1.51
628	227	20	Institut Laue-Langevin	FRA	WE	GO	1,903	85.86	74.36	▲1.02
629	161	137	Oklahoma State University, Stillwater	USA	NA	HE	1,901	29.46	51.03	▲1.27
630	228	20	Universidad Carlos III de Madrid	ESP	WE	HE	1,897	30.47	40.70	▲1.00
631	167	20	Pukyong National University	KOR	AS	HE	1,897	24.99	33.53	◆0.82
632	15	13	Macquarie University	AUS	OC	HE	1,895	52.72	54.99	▲1.27
633	168	43	Kyoto Institute of Technology	JPN	AS	HE	1,892	16.54	48.84	◆0.84
634	229	33	Universita degli Studi di Cagliari	ITA	WE	HE	1,889	36.74	59.18	▲1.17
635	162	138	University of Maryland, Baltimore County	USA	NA	HE	1,888	27.91	60.06	▲1.48
636	35	3	Academia Romana	ROU	EE	GO	1,887	46.85	28.88	◆0.76
637	230	40	The Open University	GBR	WE	HE	1,886	54.83	55.25	▲1.28
638	2	2	University of Pretoria, Universiteit van Pretoria	ZAF	AF	HE	1,882	35.71	39.21	◆0.81
639	169	71	Xi'an University of Technology	CHN	AS	HE	1,877	4.95	5.91	◆0.30
640	163	25	Sherbrooke University	CAN	NA	HE	1,873	41.00	59.53	▲1.37
641	164	26	York University	CAN	NA	HE	1,868	51.55	53.10	▲1.29
642	170	72	University of Shanghai for Science and Technology	CHN	AS	HE	1,865	8.63	9.28	◆0.29
643	18	1	University of Puerto Rico	PRI	LA	HE	1,861	62.28	56.90	◆0.96

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
644	16	14	Curtin University of Technology	AUS	OC	HE	1,860	52.20	48.66	▲ 1.31
645	171	73	China Agricultural University	CHN	AS	HE	1,857	22.02	21.70	◆ 0.67
646	231	5	University of Jyvaskylan	FIN	WE	HE	1,854	55.93	50.11	▲ 1.16
647	165	139	Stanford Linear Accelerator Center	USA	NA	GO	1,852	53.29	53.24	▲ 1.72
648	172	44	National Institute of Information and Communications Technology	JPN	AS	GO	1,852	22.57	42.55	▲ 1.11
649	166	27	Environment Canada	CAN	NA	GO	1,850	43.78	72.92	▲ 1.68
650	232	9	European Commission - Joint Research Centre	BEL	WE	GO	1,842	91.75	57.00	▲ 1.32
651	173	74	Hebei University of Technology	CHN	AS	HE	1,842	7.27	16.94	◆ 0.43
652	174	21	Samsung Electronics	KOR	AS	PR	1,840	18.86	45.54	▲ 1.16
653	233	21	Universidad de Malaga	ESP	WE	HE	1,840	28.59	42.01	▲ 1.14
654	167	140	State University of New York, Albany	USA	NA	HE	1,834	40.73	64.83	▲ 1.47
655	234	50	Universitat des Saarlandes	DEU	WE	HE	1,827	37.33	54.35	▲ 1.59
656	235	41	Swansea University	GBR	WE	HE	1,822	44.79	56.64	▲ 1.28
657	168	141	Utah State University	USA	NA	HE	1,821	24.55	53.60	▲ 1.27
658	10	1	King Fahad University of Petroleum and Minerals	SAU	ME	HE	1,819	31.56	34.91	◆ 0.68
659	19	4	Comision Nacional de Energia Atomica Argentina	ARG	LA	GO	1,815	54.66	61.60	◆ 0.94
660	175	2	University of Malaya	MYS	AS	HE	1,814	46.58	18.80	◆ 0.61
661	176	45	Yamagata University	JPN	AS	HE	1,810	17.79	47.79	◆ 0.87
662	236	6	Johannes Kepler Universitat Linz	AUT	WE	HE	1,804	53.38	45.90	▲ 1.34
663	3	3	University of the Witwatersrand, Johannesburg	ZAF	AF	HE	1,803	41.65	48.31	◆ 0.90
664	177	46	Tokai University	JPN	AS	HE	1,798	19.97	38.49	◆ 0.71
665	178	47	Nippon Electric Company Corporation	JPN	AS	PR	1,794	13.60	42.64	▲ 1.16
666	179	12	Tamkang University	TWN	AS	HE	1,794	17.45	40.75	◆ 0.79
667	237	51	Martin-Luther-Universitat Halle-Wittenberg	DEU	WE	HE	1,793	42.55	58.56	▲ 1.05
668	238	34	Universita degli Studi dell Aquila	ITA	WE	HE	1,791	41.99	52.04	▲ 1.19
669	20	2	Pontificia Universidad Catolica de Chile	CHL	LA	HE	1,790	58.04	58.77	▲ 1.10
670	36	11	Gdansk University of Technology	POL	EE	HE	1,783	25.69	37.41	◆ 0.77
671	180	75	South China Normal University	CHN	AS	HE	1,782	14.87	28.34	◆ 0.71
672	239	6	University of Ioannina	GRC	WE	HE	1,781	42.90	53.23	▲ 1.10
673	37	4	University of Szeged	HUN	EE	HE	1,781	48.06	53.45	◆ 0.94
674	11	3	Amirkabir University of Technology	IRN	ME	HE	1,778	18.73	36.45	◆ 0.98
675	240	52	Technische Universitat Chemnitz	DEU	WE	HE	1,775	36.73	48.45	◆ 0.97
676	181	6	Hong Kong Baptist University	HKG	AS	HE	1,767	74.14	55.52	▲ 1.34
677	169	28	Memorial University of Newfoundland	CAN	NA	HE	1,765	44.59	52.12	▲ 1.08
678	38	12	Silesian University of Technology	POL	EE	HE	1,764	20.29	26.59	◆ 0.63
679	39	2	University of Sofia	BGR	EE	HE	1,759	62.31	42.13	◆ 0.91
680	170	142	Texas A&M University at Galveston	USA	NA	HE	1,755	32.54	44.22	▲ 1.48
681	21	3	Universidad de Concepcion	CHL	LA	HE	1,751	57.00	52.48	◆ 0.92
682	17	15	Royal Melbourne Institute of Technology	AUS	OC	HE	1,750	34.29	44.40	◆ 0.99
683	182	48	NINS, National Astronomical Observatory of Japan	JPN	AS	GO	1,749	61.29	73.30	▲ 1.35
684	241	53	European Southern Observatory	DEU	WE	GO	1,742	86.34	64.81	▲ 1.57
685	183	76	Hebei University	CHN	AS	HE	1,741	6.49	15.22	◆ 0.55
686	242	54	Leibniz Institut fur Festkorper und Werkstofforschung Dresden	DEU	WE	GO	1,740	60.17	69.02	▲ 1.39
687	184	22	Chung-Ang University	KOR	AS	HE	1,734	20.36	33.16	◆ 0.73
688	185	49	Japan Advanced Institute of Science and Technology	JPN	AS	HE	1,732	25.17	41.40	▲ 1.00
689	243	6	University of Turku	FIN	WE	HE	1,730	45.32	59.31	▲ 1.11
690	171	143	George Washington University	USA	NA	HE	1,722	34.03	47.79	▲ 1.19
691	40	2	Ruder Boskovic Institute	HRV	EE	GO	1,712	51.64	45.91	◆ 0.90
692	172	29	University of Windsor	CAN	NA	HE	1,706	39.45	49.18	▲ 1.12
693	173	144	Florida International University	USA	NA	HE	1,705	35.13	58.42	▲ 1.28
694	244	4	Hacettepe University	TUR	WE	HE	1,705	22.99	43.11	▲ 1.07
695	186	50	Nara Institute of Science and Technology	JPN	AS	HE	1,704	13.85	42.02	◆ 0.99
696	245	22	Universitat Rovira i Virgili	ESP	WE	HE	1,694	43.39	60.51	▲ 1.42
697	187	77	Qingdao University of Science and Technology	CHN	AS	HE	1,692	4.79	22.58	◆ 0.53
698	246	21	Institut Polytechnique de Grenoble	FRA	WE	HE	1,691	58.13	59.14	▲ 1.66
699	174	145	New Mexico State University	USA	NA	HE	1,687	37.46	49.20	▲ 1.43
700	22	9	Universidade Federal de Pernambuco	BRA	LA	HE	1,687	26.20	44.10	◆ 0.79

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
701	188	78	Nanchang University	CHN	AS	HE	1,680	8.10	17.44	◆ 0.50
702	247	7	University of Crete	GRC	WE	HE	1,676	56.50	65.87	▲ 1.37
703	189	51	Saitama University	JPN	AS	HE	1,674	24.19	41.82	◆ 0.78
704	18	16	University of Technology, Sydney	AUS	OC	HE	1,671	37.04	37.58	▲ 1.02
705	41	4	University of Bucharest	ROU	EE	HE	1,671	46.62	31.00	◆ 0.73
706	190	23	Chungbuk National University	KOR	AS	HE	1,669	28.10	36.31	◆ 0.79
707	248	35	Universita degli Studi di Messina	ITA	WE	HE	1,659	30.62	58.05	▲ 1.01
708	191	52	Fujitsu Laboratories Ltd.	JPN	AS	PR	1,657	16.35	36.45	▲ 1.08
709	249	22	Institut National de la Sante et de la Recherche Medicale	FRA	WE	HL	1,651	36.89	62.45	▲ 1.31
710	4	4	University of KwaZulu-Natal	ZAF	AF	HE	1,647	50.27	36.92	◆ 0.89
711	12	2	National Research Centre	EGY	ME	GO	1,647	20.70	29.27	◆ 0.60
712	192	13	National Taipei University of Technology	TWN	AS	HE	1,641	7.01	46.01	◆ 0.86
713	13	4	Tarbiat Modares University	IRN	ME	HE	1,635	15.47	35.41	◆ 0.92
714	193	24	Ewha Womens University	KOR	AS	HE	1,634	29.93	47.31	▲ 1.14
715	250	23	Universidad de Cantabria	ESP	WE	HE	1,631	44.14	55.79	▲ 1.20
716	194	15	Banaras Hindu University	IND	AS	HE	1,630	21.47	40.61	◆ 0.80
717	251	36	Abdus Salam International Centre for Theoretical Physics	ITA	WE	GO	1,628	80.84	55.53	▲ 1.16
718	19	3	University of Otago	NZL	OC	HE	1,619	51.88	61.77	▲ 1.31
719	195	16	Indian Association for the Cultivation of Science	IND	AS	GO	1,618	29.98	68.17	▲ 1.08
720	175	146	Missouri University of Science & Technology	USA	NA	HE	1,617	27.33	47.31	▲ 1.37
721	196	53	Ritsumeikan University	JPN	AS	HE	1,614	19.64	39.41	◆ 0.88
722	42	13	Maria Curie Sklodowska University	POL	EE	HE	1,612	32.32	42.25	◆ 0.78
723	252	55	Bergische Universitat Wuppertal	DEU	WE	HE	1,610	60.75	50.68	▲ 1.30
724	176	147	Illinois Institute of Technology	USA	NA	HE	1,608	31.84	51.18	▲ 1.30
725	43	5	Babes-Bolyai University	ROU	EE	HE	1,605	53.40	28.29	◆ 0.85
726	197	54	Gifu University	JPN	AS	HE	1,600	19.38	47.50	◆ 0.85
727	14	5	Iran University of Science and Technology	IRN	ME	HE	1,598	17.52	36.67	▲ 1.07
728	198	25	Gyeongsang National University	KOR	AS	HE	1,595	35.05	39.37	◆ 0.99
729	177	148	Tufts University	USA	NA	HE	1,594	33.12	62.80	▲ 1.55
730	178	149	University of Arkansas, Fayetteville	USA	NA	HE	1,594	30.11	57.90	▲ 1.21
731	253	11	Netherlands Organisation for Applied Scientific Research	NLD	WE	GO	1,586	36.00	47.29	▲ 1.34
732	199	26	Ajou University	KOR	AS	HE	1,582	22.31	43.24	◆ 0.92
733	254	37	Istituto Nazionale di Geofisica e Vulcanologia	ITA	WE	GO	1,580	41.90	72.15	▲ 1.41
734	15	3	Ain Shams University	EGY	ME	HE	1,579	28.06	33.63	◆ 0.63
735	255	12	Philips Research	NLD	WE	PR	1,574	42.06	53.68	● 2.14
736	200	79	Taiyuan University of Technology	CHN	AS	HE	1,574	7.24	13.21	◆ 0.41
737	179	150	Virginia Commonwealth University	USA	NA	HE	1,573	27.46	65.80	▲ 1.37
738	256	23	Universite de Nantes	FRA	WE	HE	1,573	44.88	54.04	▲ 1.27
739	201	55	University of Toyama	JPN	AS	HE	1,572	23.85	45.99	◆ 0.73
740	257	4	National University of Ireland	IRL	WE	HE	1,570	54.08	47.77	▲ 1.24
741	258	24	Universidad de Salamanca	ESP	WE	HE	1,566	39.46	52.87	▲ 1.11
742	259	24	Universite de Bourgogne	FRA	WE	HE	1,562	49.55	56.34	▲ 1.03
743	202	80	Guangxi University	CHN	AS	HE	1,562	16.20	26.25	◆ 0.62
744	203	81	Shenzhen University	CHN	AS	HE	1,562	17.09	19.85	◆ 0.48
745	260	25	Institut de Recherche pour le Developpement	FRA	WE	GO	1,560	52.88	68.27	▲ 1.34
746	204	82	Chengdu University of Technology	CHN	AS	HE	1,560	5.51	7.12	◆ 0.26
747	205	56	Ehime University	JPN	AS	HE	1,559	28.80	58.37	▲ 1.05
748	180	151	University of Wyoming	USA	NA	HE	1,556	28.21	60.03	▲ 1.41
749	206	57	Kinki University	JPN	AS	HE	1,555	18.71	43.99	◆ 0.73
750	207	83	Dalian Maritime University	CHN	AS	HE	1,555	9.71	12.22	◆ 0.42
751	208	84	Xiangtan University	CHN	AS	HE	1,554	16.09	35.20	◆ 0.67
752	5	5	Stellenbosch University	ZAF	AF	HE	1,551	41.52	49.19	▲ 1.04
753	44	4	Masaryk University	CZE	EE	HE	1,550	41.68	42.13	◆ 0.98
754	209	27	Sejong University	KOR	AS	HE	1,550	20.13	46.77	◆ 0.83
755	45	1	Vilnius University	LTU	EE	HE	1,547	52.94	40.79	◆ 0.87
756	46	3	Comenius University in Bratislava	SVK	EE	HE	1,547	60.63	37.75	◆ 0.87
757	181	152	Ohio University	USA	NA	HE	1,544	38.28	47.54	▲ 1.12

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
758	261	26	Ecole Normale Superieure de Lyon	FRA	WE	HE	1,543	56.19	64.16	▲ 1.55
759	182	153	University of Alaska, Fairbanks	USA	NA	HE	1,542	41.50	74.19	▲ 1.42
760	210	58	Ibaraki University	JPN	AS	HE	1,542	24.84	43.51	◆ 0.81
761	211	59	Yamaguchi University	JPN	AS	HE	1,542	18.42	38.26	◆ 0.71
762	262	9	Swedish University of Agricultural Sciences	SWE	WE	HE	1,537	46.91	69.55	▲ 1.47
763	263	56	Justus-Liebig-Universitat Giessen	DEU	WE	HE	1,536	56.38	50.59	▲ 1.36
764	264	57	Alfred Wegener Institut fur Polar und Meeresforschung	DEU	WE	GO	1,534	63.10	78.94	▲ 1.58
765	183	154	Pfizer Inc.	USA	NA	PR	1,534	19.69	70.66	▲ 1.29
766	212	60	Nagaoka University of Technology	JPN	AS	HE	1,528	14.14	38.48	◆ 0.90
767	265	58	Universitat Konstanz	DEU	WE	HE	1,527	51.34	64.96	▲ 1.45
768	184	155	Space Telescope Science Institute	USA	NA	GO	1,523	70.85	86.93	● 2.06
769	185	156	University of Alabama, Tuscaloosa	USA	NA	HE	1,514	26.95	60.90	▲ 1.43
770	266	59	Physikalisch-Technische Bundesanstalt	DEU	WE	GO	1,507	41.07	49.17	▲ 1.45
771	213	61	Saga University	JPN	AS	HE	1,507	32.12	41.01	◆ 0.82
772	214	85	Chinese Academy of Geological Sciences	CHN	AS	GO	1,505	25.98	52.43	▲ 1.64
773	186	157	University of Nevada-Las Vegas	USA	NA	HE	1,503	38.52	54.89	▲ 1.06
774	187	158	National Renewable Energy Laboratory	USA	NA	GO	1,495	22.27	62.01	● 2.02
775	215	62	Institute for Molecular Science	JPN	AS	GO	1,495	32.04	69.97	▲ 1.16
776	47	5	Institute of Chemical Technology in Prague	CZE	EE	HE	1,494	29.92	42.64	◆ 0.82
777	23	10	Universidade de Brasilia	BRA	LA	HE	1,492	32.84	43.43	◆ 0.91
778	267	25	Universidad de La Laguna	ESP	WE	HE	1,490	45.57	55.97	▲ 1.07
779	268	5	Ankara University	TUR	WE	HE	1,490	22.75	33.62	◆ 0.68
780	188	159	University of Maryland, Baltimore	USA	NA	HE	1,488	26.81	66.87	● 1.85
781	269	27	Universite de Nice-Sophia Antipolis	FRA	WE	HE	1,488	53.43	52.42	▲ 1.15
782	270	60	Siemens AG	DEU	WE	PR	1,483	33.51	26.64	▲ 1.08
783	189	30	Ryerson University	CAN	NA	HE	1,481	27.62	39.43	◆ 0.97
784	216	86	Xi'an University of Architecture and Technology	CHN	AS	HE	1,480	5.27	14.32	◆ 0.55
785	217	14	Chung Yuan Christian University	TWN	AS	HE	1,477	11.31	49.02	▲ 1.00
786	271	61	Universitat Augsburg	DEU	WE	HE	1,475	54.31	59.93	▲ 1.43
787	218	15	Feng Chia University	TWN	AS	HE	1,475	8.27	43.66	◆ 0.93
788	219	87	Hunan Normal University	CHN	AS	HE	1,474	11.53	26.93	◆ 0.67
789	220	28	Korea Research Institute of Standards and Science	KOR	AS	GO	1,472	22.62	52.04	◆ 0.91
790	221	88	Ningbo University	CHN	AS	HE	1,472	11.62	15.56	◆ 0.57
791	48	2	Belarusian State University	BLR	EE	HE	1,469	43.77	26.89	◆ 0.65
792	222	29	Sogang University	KOR	AS	HE	1,467	18.95	43.63	◆ 0.88
793	6	1	Universite de Sfax	TUN	AF	HE	1,466	48.77	35.06	◆ 0.65
794	223	89	Shaanxi Normal University	CHN	AS	HE	1,464	8.13	32.24	◆ 0.63
795	49	1	University of Tartu	EST	EE	HE	1,456	48.90	50.55	▲ 1.13
796	272	9	University of Neuchatel	CHE	WE	HE	1,455	57.53	60.27	▲ 1.51
797	20	17	University of Tasmania	AUS	OC	HE	1,454	43.12	61.49	▲ 1.09
798	50	14	Poznan University of Technology	POL	EE	HE	1,452	21.69	29.48	◆ 0.96
799	24	11	Instituto Nacional de Pesquisas Espaciais	BRA	LA	GO	1,451	37.84	49.90	◆ 0.71
800	273	26	Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas	ESP	WE	GO	1,450	54.76	66.97	▲ 1.51
801	190	160	Michigan Technological University	USA	NA	HE	1,448	24.45	56.56	▲ 1.44
802	274	28	Universite Henri Poincare, Nancy I	FRA	WE	HE	1,448	43.09	58.22	▲ 1.16
803	224	90	Yangzhou University	CHN	AS	HE	1,447	11.89	25.85	◆ 0.77
804	275	62	Technische Universitat Clausthal	DEU	WE	HE	1,444	44.39	50.76	▲ 1.22
805	276	27	Instituto de Astrofisica de Canarias	ESP	WE	GO	1,440	81.18	74.24	▲ 1.24
806	277	38	Scuola Internazionale Superiore di Studi Avanzati	ITA	WE	HE	1,438	60.36	65.58	▲ 1.48
807	191	161	University of Mississippi	USA	NA	HE	1,431	42.07	62.61	▲ 1.23
808	192	162	University of California, San Francisco	USA	NA	HE	1,428	26.54	69.75	● 2.03
809	21	18	Griffith University	AUS	OC	HE	1,427	34.34	48.07	▲ 1.14
810	278	6	Ege University	TUR	WE	HE	1,427	21.37	35.67	▲ 1.04
811	225	63	Graduate University for Advanced Studies	JPN	AS	HE	1,423	37.46	63.88	▲ 1.10
812	279	10	Eidgenossische Materialprufungs-und Forschungsanstalt	CHE	WE	GO	1,419	46.72	69.56	● 1.79
813	226	91	Southern Yangtze University	CHN	AS	HE	1,418	14.17	19.25	◆ 0.89
814	280	63	Carl von Ossietzky Universitat Oldenburg	DEU	WE	HE	1,415	40.21	49.89	▲ 1.43

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
815	51	7	St. Petersburg State Polytechnic University	RUS	EE	HE	1,415	41.06	23.04	0.59
816	227	16	National Taiwan Ocean University	TWN	AS	HE	1,405	17.72	53.31	0.97
817	228	64	Gunma University	JPN	AS	HE	1,404	12.68	46.72	0.76
818	281	64	Geoforschungszentrum Potsdam	DEU	WE	GO	1,403	65.43	72.49	1.51
819	282	5	Dublin City University	IRL	WE	HE	1,400	47.64	52.79	1.32
820	22	4	Massey University	NZL	OC	HE	1,397	52.25	49.68	1.22
821	283	42	University of Plymouth	GBR	WE	HE	1,393	46.09	62.02	1.37
822	193	163	University of Wisconsin, Milwaukee	USA	NA	HE	1,393	38.05	56.42	1.29
823	284	5	University of Southern Denmark	DNK	WE	HE	1,392	60.92	62.50	1.44
824	285	7	Istanbul University	TUR	WE	HE	1,391	23.65	33.57	0.74
825	229	30	Korea Research Institute Chemical Technology	KOR	AS	GO	1,390	16.47	50.50	1.10
826	286	28	Universidad de Murcia	ESP	WE	HE	1,389	29.95	50.54	1.20
827	287	29	Universitat Jaume I	ESP	WE	HE	1,384	39.16	53.25	1.17
828	194	164	Kent State University	USA	NA	HE	1,380	44.93	49.64	1.38
829	230	92	Liaocheng University	CHN	AS	HE	1,374	3.20	16.89	0.59
830	231	93	Shanxi University	CHN	AS	HE	1,361	10.87	28.80	0.59
831	195	165	Old Dominion University	USA	NA	HE	1,360	33.38	46.54	1.30
832	232	1	Quaid-i-Azam University, Islamabad	PAK	AS	HE	1,358	45.07	32.47	1.31
833	16	6	Shiraz University	IRN	ME	HE	1,357	16.80	37.36	0.97
834	233	94	Tianjin Polytechnic University	CHN	AS	HE	1,357	6.78	12.01	0.38
835	196	166	University of Louisville	USA	NA	HE	1,356	39.16	57.82	1.22
836	288	29	College de France	FRA	WE	HE	1,354	61.23	70.68	1.85
837	289	30	Universidad de Extremadura	ESP	WE	HE	1,353	28.68	56.39	1.07
838	197	167	University of North Texas	USA	NA	HE	1,351	35.83	52.04	1.19
839	290	7	Karl Franzens Universitat Graz	AUT	WE	HE	1,350	60.37	62.59	1.52
840	198	31	University of Regina	CAN	NA	HE	1,350	43.11	39.33	1.24
841	25	12	Universidade Federal Fluminense	BRA	LA	HE	1,347	33.85	41.57	0.83
842	234	95	Henan Normal University	CHN	AS	HE	1,347	15.00	30.59	0.73
843	291	30	STMicroelectronics	FRA	WE	PR	1,345	47.73	62.75	1.72
844	199	168	Merck & Co., Inc.	USA	NA	PR	1,345	15.54	71.00	1.41
845	235	96	Southwest University	CHN	AS	HE	1,343	12.21	24.05	0.63
846	236	97	Naval University of Engineering	CHN	AS	HE	1,340	6.79	10.00	0.44
847	292	65	Forschungszentrum Dresden Rossendorf	DEU	WE	GO	1,336	62.65	56.74	1.24
848	26	13	Pontificia Universidade Catolica do Rio de Janeiro	BRA	LA	HE	1,335	37.23	40.90	0.87
849	237	98	China Iron and Steel Research Institute Group	CHN	AS	GO	1,334	5.62	17.09	0.33
850	293	39	Universita degli Studi di Udine	ITA	WE	HE	1,333	36.38	45.61	1.49
851	200	169	University of Idaho	USA	NA	HE	1,330	23.08	55.94	1.30
852	201	170	City University of New York, City College	USA	NA	HE	1,329	29.50	58.99	1.30
853	52	6	Brno University of Technology	CZE	EE	HE	1,325	22.42	24.00	0.66
854	202	171	University of North Carolina, Charlotte	USA	NA	HE	1,323	25.93	45.80	1.05
855	203	172	College of William and Mary	USA	NA	HE	1,322	34.11	56.20	1.53
856	204	173	Georgia State University	USA	NA	HE	1,319	38.97	52.77	1.24
857	205	174	General Electric Company	USA	NA	PR	1,311	19.53	46.38	1.37
858	238	65	National Institute for Fusion Science	JPN	AS	GO	1,306	34.53	65.01	1.19
859	27	14	Universidade Federal do Parana	BRA	LA	HE	1,305	30.57	47.97	0.76
860	294	8	Dokuz Eylul University	TUR	WE	HE	1,301	13.84	42.12	0.94
861	53	1	Yerevan State University	ARM	EE	HE	1,294	62.67	39.95	1.11
862	239	99	Yunnan University	CHN	AS	HE	1,292	15.94	23.37	0.60
863	206	175	Rochester Institute of Technology	USA	NA	HE	1,290	25.58	41.78	1.54
864	207	176	Tulane University	USA	NA	HE	1,290	35.27	65.35	1.39
865	295	31	Universite de Savoie	FRA	WE	HE	1,286	75.58	65.79	1.94
866	208	177	Montana State University, Bozeman	USA	NA	HE	1,286	31.88	66.49	1.50
867	296	43	The University of Kent	GBR	WE	HE	1,286	49.46	49.38	1.18
868	297	31	Universidad de las Islas Baleares	ESP	WE	HE	1,285	55.49	65.76	1.43
869	28	6	Instituto Mexicano del Petroleo	MEX	LA	GO	1,280	22.03	59.38	0.94
870	240	66	National Institute for Environmental Studies	JPN	AS	GO	1,279	38.70	63.02	1.11
871	23	5	Victoria University of Wellington	NZL	OC	HE	1,278	52.82	57.75	1.37
872	54	15	Nicolaus Copernicus University	POL	EE	HE	1,278	41.86	46.24	0.87
873	29	5	Universidad Nacional de Cordoba	ARG	LA	HE	1,277	43.54	62.96	0.83

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
874	298	10	Lulea University of Technology	SWE	WE	HE	1,274	46.94	52.98	▲ 1.13
875	241	67	Mitsubishi Electric Corporation	JPN	AS	PR	1,274	11.30	29.51	◆ 0.73
876	30	15	Universidade do Estado do Rio de Janeiro	BRA	LA	HE	1,270	34.41	46.93	◆ 0.99
877	24	19	James Cook University	AUS	OC	HE	1,265	45.53	64.51	▲ 1.26
878	209	178	University of Alabama, Birmingham	USA	NA	HE	1,265	22.45	54.70	▲ 1.06
879	299	66	Universitat Kassel	DEU	WE	HE	1,264	43.51	47.55	▲ 1.09
880	55	8	Kazan State University	RUS	EE	HE	1,263	34.20	22.01	◆ 0.39
881	242	31	Yeungnam University	KOR	AS	HE	1,262	21.00	33.68	▲ 1.02
882	243	100	Zhejiang Normal University	CHN	AS	HE	1,260	10.24	18.81	◆ 0.62
883	244	32	Chosun University	KOR	AS	HE	1,259	17.63	28.67	◆ 0.64
884	17	7	Isfahan University of Technology	IRN	ME	HE	1,255	31.00	38.25	◆ 0.96
885	245	101	Henan University	CHN	AS	HE	1,254	5.82	25.20	◆ 0.56
886	246	17	Yuan-Ze University	TWN	AS	HE	1,252	9.74	45.53	▲ 1.10
887	300	44	Royal Holloway, University of London	GBR	WE	HE	1,251	61.23	58.19	▲ 1.52
888	56	9	Moscow Engineering Physics Institute	RUS	EE	HE	1,251	42.85	25.02	◆ 0.81
889	247	102	Nanjing University of Posts and Telecommunications	CHN	AS	HE	1,249	10.49	11.85	◆ 0.34
890	18	4	Alexandria University	EGY	ME	HE	1,248	30.53	22.12	◆ 0.83
891	301	67	Infineon Technologies	DEU	WE	PR	1,246	42.46	52.65	▲ 1.74
892	302	40	Politecnico di Bari	ITA	WE	HE	1,241	31.99	43.59	▲ 1.30
893	303	68	Heinrich-Heine-Universität Dusseldorf	DEU	WE	HE	1,238	43.62	65.27	▲ 1.49
894	248	17	Panjab University	IND	AS	HE	1,236	47.57	45.31	▲ 1.17
895	304	69	Technische Universität Ilmenau	DEU	WE	HE	1,235	39.35	45.26	▲ 1.20
896	210	179	Information Systems Laboratory	USA	NA	PR	1,234	28.04	64.34	● 2.93
897	211	180	Scripps Research Institute	USA	NA	HL	1,233	28.71	88.97	● 2.77
898	249	103	Anhui University	CHN	AS	HE	1,233	10.62	25.14	◆ 0.72
899	250	104	Shandong University of Science and Technology	CHN	AS	HE	1,233	8.52	9.25	◆ 0.51
900	305	70	Technische Universität Bergakademie Freiberg	DEU	WE	HE	1,230	36.18	42.60	◆ 0.85
901	212	181	U.S. Department of Energy	USA	NA	GO	1,227	27.38	80.11	▲ 1.70
902	306	32	Institut National Polytechnique de Toulouse	FRA	WE	HE	1,227	40.10	52.81	▲ 1.40
903	251	105	China Institute of Atomic Energy	CHN	AS	GO	1,225	22.69	15.02	◆ 0.42
904	213	182	University of Rhode Island	USA	NA	HE	1,220	30.82	65.08	▲ 1.25
905	307	9	Erciyes University	TUR	WE	HE	1,220	15.00	31.89	▲ 1.20
906	214	183	State University of New York, Binghamton	USA	NA	HE	1,216	23.19	46.88	▲ 1.60
907	215	184	University of Toledo	USA	NA	HE	1,213	22.59	54.82	▲ 1.04
908	308	32	Universidade da Coruna	ESP	WE	HE	1,212	25.00	39.03	◆ 0.95
909	309	6	University of Limerick	IRL	WE	HE	1,212	35.89	43.48	◆ 0.93
910	216	185	San Diego State University	USA	NA	HE	1,211	36.00	63.09	▲ 1.25
911	252	106	Heilongjiang University	CHN	AS	HE	1,208	15.81	14.82	◆ 0.56
912	217	186	University of Dayton	USA	NA	HE	1,206	16.67	44.11	▲ 1.15
913	57	5	University of Debrecen	HUN	EE	HE	1,205	56.35	41.16	◆ 0.88
914	253	18	University of Madras	IND	AS	HE	1,198	19.53	28.88	◆ 0.62
915	254	107	Shandong Normal University	CHN	AS	HE	1,197	9.36	26.65	◆ 0.64
916	310	41	Universita degli Studi dell Insubria	ITA	WE	HE	1,196	46.49	64.13	▲ 1.29
917	255	108	Qufu Normal University	CHN	AS	HE	1,194	12.65	21.86	◆ 0.73
918	256	18	National Taiwan Normal University	TWN	AS	HE	1,189	19.93	50.88	◆ 0.89
919	311	33	Ecole Supérieure de Physique et de Chimie industrielles de la Ville de Paris	FRA	WE	HE	1,187	45.41	72.87	▲ 1.63
920	312	34	Ecole Centrale de Lyon	FRA	WE	HE	1,187	37.74	49.62	▲ 1.24
921	257	68	Doshisha University	JPN	AS	HE	1,187	11.12	35.80	◆ 0.72
922	31	1	Universidad Nacional de Colombia	COL	LA	HE	1,185	47.00	38.14	◆ 0.78
923	218	187	University of Vermont	USA	NA	HE	1,183	35.00	57.48	▲ 1.24
924	219	188	Society of Petroleum Engineers	USA	NA	OT	1,183	27.47	1.18	◆ 0.17
925	313	1	University of Cyprus	CYP	WE	HE	1,177	70.69	48.51	▲ 1.08
926	25	20	Swinburne University of Technology	AUS	OC	HE	1,176	44.98	59.10	▲ 1.29
927	58	10	N.I. Lobachevsky State University of Nizhni Novgorod	RUS	EE	HE	1,174	26.75	17.29	◆ 0.35
928	26	21	University of South Australia	AUS	OC	HE	1,171	35.95	41.25	◆ 0.96
929	258	109	Guangdong University of Technology	CHN	AS	HE	1,168	12.33	15.15	◆ 0.54
930	59	11	Rostov State University	RUS	EE	HE	1,168	27.14	18.49	◆ 0.30
931	314	42	Universita Politecnica delle Marche	ITA	WE	HE	1,165	30.39	53.99	▲ 1.01

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
932	259	110	Capital Normal University	CHN	AS	HE	1,164	18.64	21.48	0.61
933	315	33	Universitat de Girona	ESP	WE	HE	1,158	46.63	63.04	1.33
934	220	189	Massachusetts General Hospital	USA	NA	HL	1,156	25.52	74.13	2.20
935	316	34	Universidad de Alcala	ESP	WE	HE	1,153	32.26	51.00	1.14
936	260	19	National Yunlin University of Science and Technology	TWN	AS	HE	1,152	5.47	39.24	0.99
937	261	69	Kanagawa University	JPN	AS	HE	1,148	28.05	53.57	1.06
938	317	10	Firat University	TUR	WE	HE	1,147	14.30	32.69	1.01
939	262	70	Kagoshima University	JPN	AS	HE	1,147	22.49	46.12	0.81
940	318	11	Ondokuz Mayis University	TUR	WE	HE	1,145	14.06	11.62	0.57
941	19	1	Kuwait University	KWT	ME	HE	1,144	43.18	37.59	0.78
942	319	35	European Space Agency	FRA	WE	GO	1,142	82.14	51.93	1.52
943	32	16	Universidade Federal do Ceara	BRA	LA	HE	1,140	32.19	45.35	0.84
944	20	5	Mansoura University	EGY	ME	HE	1,139	33.54	27.92	1.06
945	60	6	Alexandru Ioan Cuza University	ROU	EE	HE	1,139	46.62	28.97	0.75
946	320	43	Scuola Normale Superiore Pisa	ITA	WE	HE	1,133	61.08	64.87	1.48
947	263	111	Chang'an University	CHN	AS	HE	1,133	4.41	19.42	0.65
948	221	190	North Dakota State University	USA	NA	HE	1,131	24.14	52.79	1.24
949	61	16	University of Lodz	POL	EE	HE	1,130	39.65	36.64	0.84
950	222	191	Portland State University	USA	NA	HE	1,129	29.23	47.39	1.13
951	223	192	Stevens Institute of Technology	USA	NA	HE	1,128	25.35	45.04	1.23
952	264	71	Iwate University	JPN	AS	HE	1,127	20.67	48.45	0.88
953	265	33	Kangwon National University	KOR	AS	HE	1,126	23.62	35.52	0.68
954	224	193	Sandia National Laboratories, California	USA	NA	GO	1,124	22.78	72.24	2.02
955	27	22	Deakin University	AUS	OC	HE	1,124	37.28	39.95	1.01
956	321	12	Bilkent University	TUR	WE	HE	1,123	42.39	53.87	1.32
957	225	194	Worcester Polytechnic Institute	USA	NA	HE	1,121	22.84	48.08	1.23
958	322	71	Universitat Siegen	DEU	WE	HE	1,116	44.89	46.06	1.30
959	323	36	Universite de Strasbourg	FRA	WE	HE	1,115	74.44	48.97	1.45
960	266	19	University of Calcutta	IND	AS	HE	1,114	23.97	42.64	0.73
961	226	195	Louisiana Tech University	USA	NA	HE	1,110	41.53	48.92	1.33
962	267	20	Indian Statistical Institute	IND	AS	HE	1,110	24.59	29.73	0.81
963	227	196	Carnegie Institution	USA	NA	OT	1,109	53.29	87.74	2.06
964	62	12	Novosibirsk State University	RUS	EE	HE	1,107	25.84	30.71	0.61
965	324	45	University of Ulster	GBR	WE	HE	1,105	42.71	41.99	1.02
966	325	46	Natural History Museum London	GBR	WE	GO	1,104	69.11	61.50	1.31
967	268	21	Aligarh Muslim University	IND	AS	HE	1,104	22.55	27.81	0.68
968	326	13	Ataturk University	TUR	WE	HE	1,101	11.35	39.33	1.04
969	327	37	Universite de Versailles Saint Quentin en Yvelines	FRA	WE	HE	1,100	61.64	63.36	1.61
970	328	47	The University of Hull	GBR	WE	HE	1,099	42.68	55.14	1.25
971	63	2	Kaunas University of Technology	LTU	EE	HE	1,098	23.59	25.59	0.59
972	329	48	University of Essex	GBR	WE	HE	1,097	38.74	42.66	1.24
973	228	197	Southwest Research Institute	USA	NA	OT	1,097	38.01	66.00	1.22
974	269	22	University of Mumbai	IND	AS	HE	1,097	11.49	44.85	0.95
975	64	17	University of Gdansk	POL	EE	HE	1,096	38.59	43.89	0.85
976	330	35	Universidad de Cordoba	ESP	WE	HE	1,095	23.84	65.21	1.06
977	270	20	National Dong Hwa University	TWN	AS	HE	1,095	15.25	50.50	0.97
978	331	7	Abo Academy University	FIN	WE	HE	1,093	44.46	56.72	1.33
979	65	13	Saratov State University	RUS	EE	HE	1,091	22.73	17.05	0.42
980	33	17	Centro Brasileiro de Pesquisas Fisicas	BRA	LA	GO	1,089	55.00	55.10	0.98
981	332	38	Universite de Caen Basse-Normandie	FRA	WE	HE	1,087	44.99	56.58	1.05
982	271	23	Defence Research and Development Organisation	IND	AS	GO	1,086	10.87	55.89	0.76
983	272	112	Kunming University of Science and Technology	CHN	AS	HE	1,084	10.42	11.62	0.40
984	273	72	Kansai University	JPN	AS	HE	1,082	12.48	41.31	0.71
985	21	8	Shahid Beheshti University	IRN	ME	HE	1,081	16.56	27.66	0.94
986	333	39	Universite Blaise Pascal, Clermont-Ferrand II	FRA	WE	HE	1,076	57.16	57.25	1.51
987	229	198	Institute for Advanced Study	USA	NA	HE	1,075	47.53	61.77	2.28
988	230	199	Southern Illinois University, Carbondale	USA	NA	HE	1,066	23.26	53.47	1.07
989	231	200	University of Massachusetts, Lowell	USA	NA	HE	1,065	31.27	48.83	0.98
990	274	113	Shenyang University of Technology	CHN	AS	HE	1,065	9.39	11.55	0.43

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
991	275	73	Nagasaki University	JPN	AS	HE	1,063	19.29	48.82	0.86
992	276	74	Shimane University	JPN	AS	HE	1,059	16.81	39.00	0.75
993	232	201	Princeton Plasma Physics Laboratory	USA	NA	GO	1,056	32.67	72.54	1.86
994	233	202	University of Maine, Orono	USA	NA	HE	1,056	32.29	64.20	1.31
995	234	203	Indiana University/Purdue University at Indianapolis	USA	NA	HE	1,055	26.45	52.80	1.27
996	334	13	Center for Mathematics and Computer Science	NLD	WE	GO	1,054	51.33	33.21	1.79
997	335	72	Ernst-Moritz-Arndt-Universitat Greifswald	DEU	WE	HE	1,054	38.14	57.12	1.15
998	66	2	Tallinn University of Technology	EST	EE	HE	1,053	36.94	36.75	0.90
999	336	8	Technical Research Centre of Finland	FIN	WE	GO	1,045	36.17	45.55	1.10
1000	337	14	Yildiz Technical University	TUR	WE	HE	1,045	16.46	38.18	0.88
1001	338	44	Universita degli Studi di Brescia	ITA	WE	HE	1,043	30.39	54.27	1.12
1002	235	204	National High Magnetic Field Laboratory	USA	NA	GO	1,042	50.38	74.95	1.70
1003	277	24	Indian Institute of Technology, Guwahati	IND	AS	HE	1,042	15.74	43.28	1.16
1004	236	205	University of Memphis	USA	NA	HE	1,041	30.26	43.23	1.21
1005	339	49	The University of Dundee	GBR	WE	HE	1,039	44.18	55.44	1.25
1006	28	23	Australian Nuclear Science & Technology Organisation	AUS	OC	GO	1,037	49.08	60.75	1.05
1007	340	50	University of Bradford	GBR	WE	HE	1,033	45.01	42.88	0.95
1008	341	45	Universita degli Studi di Camerino	ITA	WE	HE	1,031	46.17	58.20	1.10
1009	342	15	Karadeniz Technical University	TUR	WE	HE	1,031	12.12	34.72	0.95
1010	67	14	Institute for High Energy Physics	RUS	EE	GO	1,030	73.20	49.90	1.85
1011	343	11	University of Lausanne	CHE	WE	HE	1,029	63.65	63.95	1.73
1012	237	206	Northern Illinois University	USA	NA	HE	1,028	43.00	56.52	1.12
1013	344	36	Universidad de Jaen	ESP	WE	HE	1,026	39.28	44.93	0.97
1014	34	4	Organizacion Europea para la Investigacion Astronomica en el Hemisferio Austral	CHL	LA	GO	1,024	95.61	75.98	1.17
1015	238	207	Centers for Disease Control and Prevention	USA	NA	HL	1,017	17.90	73.55	1.87
1016	278	75	Tokyo Denki University	JPN	AS	HE	1,017	14.65	23.30	0.60
1017	68	1	University of Latvia	LVA	EE	HE	1,016	62.30	39.96	0.85
1018	279	76	Mie University	JPN	AS	HE	1,016	15.75	41.83	0.63
1019	280	114	Hebei Normal University	CHN	AS	HE	1,016	9.25	21.85	0.60
1020	345	40	Institut Francais du Petrole	FRA	WE	GO	1,014	25.54	61.74	1.29
1021	346	37	Universidad Rey Juan Carlos	ESP	WE	HE	1,014	33.14	50.49	1.25
1022	347	41	Office National d'Etudes et de Recherches Aerospatiales Chatillon	FRA	WE	GO	1,012	25.89	52.57	1.29
1023	7	1	Universite des Sciences et de la Technologie Houari Boumediene	DZA	AF	HE	1,012	49.51	38.44	0.62
1024	239	208	University of Alabama, Huntsville	USA	NA	HE	1,010	28.32	53.86	1.02
1025	281	3	Putra University	MYS	AS	HE	1,007	27.71	32.27	0.73
1026	282	4	National University of Malaysia	MYS	AS	HE	1,005	24.28	28.16	0.84
1027	348	8	Foundation for Research and Technology Hellas	GRC	WE	GO	1,001	52.35	71.13	1.40
1028	69	18	Szczecin University of Technology	POL	EE	HE	1,001	27.97	39.36	0.80
1029	240	209	Southern Methodist University	USA	NA	HE	1,000	33.80	62.00	1.55
1030	349	16	Marmara University	TUR	WE	HE	999	30.53	29.03	1.19
1031	241	210	Temple University	USA	NA	HE	998	31.26	55.81	1.07
1032	350	51	National Physical Laboratory	GBR	WE	GO	996	37.05	52.81	1.16
1033	351	46	Universita degli Studi Ca Foscari di Venezia	ITA	WE	HE	996	33.43	58.33	1.15
1034	242	211	University of Texas, San Antonio	USA	NA	HE	996	29.42	40.46	1.00
1035	283	115	Lanzhou University of Technology	CHN	AS	HE	996	4.62	14.56	0.58
1036	243	212	Wright State University	USA	NA	HE	995	22.71	47.24	1.19
1037	70	3	Ivan Franko National University of Lviv	UKR	EE	HE	995	53.67	27.74	0.47
1038	352	38	Universidad de Cadiz	ESP	WE	HE	991	35.72	56.41	1.03
1039	284	25	University of Hyderabad	IND	AS	HE	990	28.99	52.63	1.07
1040	285	26	Saha Institute of Nuclear Physics	IND	AS	GO	990	32.32	50.71	0.81
1041	286	116	Institute of Applied Physics and Computational Mathematics	CHN	AS	GO	989	17.19	31.04	0.61
1042	244	213	Brigham and Women's Hospital	USA	NA	HL	988	34.11	68.02	1.77
1043	22	7	University of Haifa	ISR	ME	HE	987	47.62	35.66	0.97
1044	245	214	Clarkson University	USA	NA	HE	986	31.44	64.20	1.52
1045	246	215	Florida Institute of Technology	USA	NA	HE	986	47.67	41.28	1.02

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1046	247	216	Texas A&M University, Kingsville	USA	NA	HE	980	20.71	48.37	▲1.28
1047	287	27	University of Rajasthan	IND	AS	HE	980	17.86	17.45	◆0.66
1048	71	3	Vilnius Gediminas Technical University	LTU	EE	HE	974	10.68	10.37	▲1.14
1049	353	4	The University of Tromso	NOR	WE	HE	972	59.36	70.99	▲1.32
1050	354	42	Universite de Poitiers	FRA	WE	HE	972	41.56	62.35	▲1.31
1051	35	7	Benemerita Universidad Autonoma de Puebla	MEX	LA	HE	972	34.77	40.33	◆0.65
1052	355	9	University of Joensuu	FIN	WE	HE	971	38.52	56.33	◆0.97
1053	288	77	Yamanashi University	JPN	AS	HE	971	16.48	45.21	◆0.94
1054	289	78	National Institute of Radiological Sciences	JPN	AS	HL	970	31.24	55.26	◆0.95
1055	356	52	Liverpool John Moores University	GBR	WE	HE	968	57.95	64.67	▲1.63
1056	23	9	Institut for Research in Fundamental Sciences	IRN	ME	GO	965	23.73	35.85	◆0.78
1057	357	53	University of Hertfordshire	GBR	WE	HE	962	62.06	58.21	▲1.27
1058	290	34	Korea Electrotechnology Research Institute	KOR	AS	GO	961	26.12	44.12	◆0.91
1059	291	28	Annamalai University	IND	AS	HE	960	11.15	20.00	◆0.69
1060	72	15	Tomsk State University	RUS	EE	HE	960	27.60	16.35	◆0.36
1061	248	217	Miami University of Ohio	USA	NA	HE	958	27.24	54.28	▲1.33
1062	73	19	Andrzej Soltan Institute for Nuclear Studies	POL	EE	GO	958	67.54	31.00	▲1.13
1063	292	35	University of Ulsan	KOR	AS	HE	958	23.90	36.33	◆0.88
1064	24	2	King Saud University	SAU	ME	HE	957	40.96	28.84	◆0.61
1065	74	7	Gheorghe Asachi Technical University of Iasi	ROU	EE	HE	956	32.64	21.44	◆0.73
1066	358	47	Universita degli Studi della Basilicata	ITA	WE	HE	954	42.03	59.85	▲1.07
1067	249	218	Thomas Jefferson Lab National Accelerator Facility	USA	NA	GO	954	51.78	37.42	▲1.04
1068	359	54	Bangor University	GBR	WE	HE	953	50.47	65.79	▲1.37
1069	293	36	Kookmin University	KOR	AS	HE	953	14.27	37.78	◆0.87
1070	360	55	University of Portsmouth	GBR	WE	HE	952	54.31	58.19	●1.77
1071	294	2	Chiang Mai University	THA	AS	HE	951	47.95	45.53	▲1.02
1072	361	14	National Institute for Subatomic Physics	NLD	WE	GO	947	89.23	65.15	●1.81
1073	250	219	University of Colorado, Denver	USA	NA	HE	947	28.19	55.76	▲1.37
1074	362	48	Seconda Universita degli Studi di Napoli	ITA	WE	HE	946	31.18	52.33	▲1.08
1075	29	24	La Trobe University	AUS	OC	HE	944	35.17	45.34	◆0.89
1076	295	29	University of Pune	IND	AS	HE	943	30.33	58.32	◆0.95
1077	363	17	Cukurova University	TUR	WE	HE	942	21.66	34.08	◆0.90
1078	364	43	Museum National d'Histoire Naturelle	FRA	WE	GO	937	48.45	66.06	▲1.20
1079	365	44	Institut National des Sciences Appliquees de Toulouse	FRA	WE	HE	932	43.78	51.18	▲1.13
1080	296	21	National Changhua University of Education	TWN	AS	HE	925	8.97	42.92	◆0.84
1081	30	25	National ICT Australia	AUS	OC	GO	924	45.56	29.33	▲1.68
1082	251	32	TRIUMF - National Laboratory for Particle and Nuclear Physics	CAN	NA	GO	923	82.12	44.96	▲1.34
1083	366	18	Selcuk University	TUR	WE	HE	923	12.13	30.12	▲1.20
1084	297	79	Sophia University	JPN	AS	HE	923	24.49	44.53	◆0.76
1085	298	30	Cochin University of Science and Technology	IND	AS	HE	922	16.16	41.32	◆0.68
1086	299	117	Air Force Engineering University	CHN	AS	HE	922	1.30	5.53	◆0.35
1087	367	73	Bundesanstalt fur Materialforschung und -Prufung	DEU	WE	GO	918	31.81	44.88	▲1.24
1088	25	1	United Arab Emirates University	ARE	ME	HE	917	58.12	40.13	◆0.95
1089	368	39	Universidad Publica de Navarra	ESP	WE	HE	911	32.16	50.82	▲1.20
1090	300	80	Toyota Central R&D Labs. Inc.	JPN	AS	PR	908	15.53	57.93	▲1.61
1091	301	118	Northwest Normal University	CHN	AS	HE	908	7.38	21.70	◆0.58
1092	302	37	Korea Basic Science Institute	KOR	AS	GO	906	24.28	59.38	▲1.16
1093	369	8	Universitat fur Bodenkultur Wien	AUT	WE	HE	905	46.41	57.90	▲1.28
1094	370	74	Universitat Osnabruck	DEU	WE	HE	905	52.49	51.82	▲1.17
1095	252	220	Boston College	USA	NA	HE	904	33.08	75.22	▲1.73
1096	371	45	Universite d'Orleans	FRA	WE	HE	904	49.34	60.40	▲1.04
1097	372	40	Universidad de Almeria	ESP	WE	HE	903	35.44	53.93	▲1.16
1098	26	1	Sultan Qaboos University	OMN	ME	HE	901	57.49	38.51	◆0.76
1099	36	18	Instituto de Pesquisas Energeticas e Nucleares	BRA	LA	GO	901	17.43	32.96	◆0.64
1100	27	10	University of Tabriz	IRN	ME	HE	900	20.11	32.33	◆0.80
1101	75	16	Moscow State Institute of Steel and Alloys, Technological University	RUS	EE	HE	898	28.51	22.94	◆0.39
1102	8	2	Universite de Monastir	TUN	AF	HE	897	54.40	40.13	◆0.63

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1103	303	81	University of the Ryukyus	JPN	AS	HE	896	24.00	37.72	◆0.75
1104	304	31	Department of Space	IND	AS	GO	895	13.18	45.25	◆0.55
1105	305	119	Shantou University	CHN	AS	HE	892	20.52	28.14	▲1.00
1106	373	56	Aberystwyth University	GBR	WE	HE	887	52.76	60.77	▲1.38
1107	37	6	Universidad Nacional del Sur	ARG	LA	HE	886	34.76	50.45	◆0.78
1108	253	221	Western Michigan University	USA	NA	HE	884	33.71	49.89	▲1.02
1109	76	17	Tomsk Polytechnical University	RUS	EE	HE	884	19.12	12.33	◆0.28
1110	374	75	Gkss Forschungszentrum Geesthacht	DEU	WE	GO	883	60.59	64.78	▲1.74
1111	375	41	Universidad Nacional de Educacion a Distancia	ESP	WE	HE	883	29.45	46.89	◆0.84
1112	77	18	Ural State Technical University	RUS	EE	HE	883	14.50	10.42	◆0.24
1113	306	5	Multimedia University	MYS	AS	HE	882	27.89	31.29	◆0.82
1114	307	120	China Pharmaceutical University	CHN	AS	HE	882	11.68	32.43	◆0.68
1115	308	121	Guilin University of Electronic Technology	CHN	AS	HE	882	6.69	17.23	◆0.46
1116	254	222	University of New Orleans	USA	NA	HE	880	36.14	59.55	●1.89
1117	309	22	National Synchrotron Radiation Research Center Taiwan	TWN	AS	GO	879	35.49	70.76	◆0.83
1118	376	10	University of Kuopio	FIN	WE	HE	877	45.72	68.30	▲1.44
1119	377	76	BASF AG	DEU	WE	PR	874	42.33	50.69	▲1.35
1120	310	82	Shibaura Institute of Technology	JPN	AS	HE	874	18.08	32.95	◆0.75
1121	378	57	The University of Salford	GBR	WE	HE	870	40.34	51.84	▲1.13
1122	78	7	University of Pardubice	CZE	EE	HE	868	33.06	43.66	◆0.88
1123	255	223	Washington College	USA	NA	HE	868	0.23	0.23	◆0.57
1124	256	224	U.S. Food and Drug Administration	USA	NA	GO	866	22.86	68.82	▲1.50
1125	379	11	Karolinska Institutet	SWE	WE	HE	862	57.19	68.79	▲1.65
1126	38	1	Universidad de la Republica	URY	LA	HE	862	67.29	54.76	▲1.05
1127	311	122	Chongqing University of Post and Telecommunications	CHN	AS	HE	861	11.96	12.43	◆0.50
1128	312	38	Kwangwoon University	KOR	AS	HE	860	16.86	38.95	◆0.81
1129	313	123	PLA University of Science and Technology	CHN	AS	HE	860	2.21	4.19	◆0.29
1130	28	11	Ferdowsi University of Mashhad	IRN	ME	HE	857	21.12	28.35	◆0.82
1131	314	124	Hubei University	CHN	AS	HE	856	26.40	40.77	◆0.71
1132	257	225	National Radio Astronomy Observatory	USA	NA	GO	855	69.12	82.11	▲1.24
1133	39	19	Universidade Federal do Rio Grande do Norte	BRA	LA	HE	850	16.12	43.88	◆0.78
1134	258	226	University of Montana-Missoula	USA	NA	HE	849	36.28	67.37	▲1.63
1135	259	227	Georgetown University	USA	NA	HE	849	29.56	63.49	▲1.40
1136	380	77	Astrophysikalisches Institut Potsdam	DEU	WE	GO	848	78.42	69.81	▲1.41
1137	381	49	Universita degli Studi del Piemonte Orientale Amedeo Avogadro	ITA	WE	HE	848	43.63	51.77	▲1.24
1138	315	32	University of Mysore	IND	AS	HE	848	35.02	19.69	◆0.48
1139	260	228	Florida Atlantic University	USA	NA	HE	846	32.86	46.45	▲1.31
1140	382	58	GlaxoSmithKline	GBR	WE	PR	845	23.91	71.72	▲1.44
1141	29	12	K.N.Toosi University of Technology	IRN	ME	HE	843	17.79	34.40	◆0.86
1142	31	6	University of Waikato	NZL	OC	HE	838	51.67	48.57	▲1.40
1143	40	20	Universidade Federal de Santa Maria	BRA	LA	HE	837	22.10	33.93	◆0.86
1144	79	19	S. I. Vavilov State Optical Institute	RUS	EE	GO	837	25.93	16.73	◆0.49
1145	316	83	Aoyama Gakuin University	JPN	AS	HE	836	21.65	45.33	◆0.86
1146	317	84	Toho University	JPN	AS	HE	831	39.47	54.75	▲1.05
1147	383	46	Institut National des Sciences appliquees de Lyon	FRA	WE	HE	829	34.14	45.72	▲1.18
1148	261	229	University of Texas M.D. Anderson Cancer Center	USA	NA	HL	828	22.95	80.80	●1.89
1149	384	47	Institut National Polytechnique de Lorraine	FRA	WE	HE	827	41.11	34.10	▲1.27
1150	385	15	Royal Netherlands Academy of Arts and Sciences	NLD	WE	GO	825	61.70	81.58	●2.00
1151	318	23	I-Shou University	TWN	AS	HE	825	7.39	46.18	◆0.96
1152	386	78	Leibniz Institut fur Polymerforschung Dresden	DEU	WE	GO	824	48.18	63.35	▲1.59
1153	387	48	Institut National des Sciences Appliquees de Rennes	FRA	WE	HE	823	39.00	26.61	▲1.51
1154	319	125	Nanjing Agricultural University	CHN	AS	HE	819	14.65	24.18	◆0.56
1155	262	33	Agriculture and Agri-Food Canada	CAN	NA	GO	818	34.11	55.62	◆0.96
1156	320	126	Donghua University	CHN	AS	HE	818	17.24	36.92	◆0.81
1157	321	39	Soongsil University	KOR	AS	HE	817	12.12	24.24	◆0.72
1158	263	230	General Atomics	USA	NA	PR	814	36.00	75.80	●2.15
1159	388	11	Finnish Meteorological Institute	FIN	WE	GO	814	67.20	72.48	●1.77
1160	389	16	Erasmus University	NLD	WE	HE	814	37.84	58.23	▲1.44

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1161	322	127	Liaoning Normal University	CHN	AS	HE	814	17.20	15.72	◆ 0.71
1162	264	231	American Ceramic Society	USA	NA	PR	813	76.26	99.26	● 2.35
1163	390	79	Helmholtz Zentrum Munchen Forschungszentrum fur Umwelt und Gesundheit	DEU	WE	GO	813	57.69	74.54	▲ 1.74
1164	391	19	Anadolu University	TUR	WE	HE	812	18.10	34.36	◆ 0.99
1165	80	20	Military University of Technology	POL	EE	HE	812	31.90	25.62	◆ 0.75
1166	323	128	Shenyang Jianzhu University	CHN	AS	HE	812	3.94	1.60	◆ 0.09
1167	324	3	Mahidol University	THA	AS	HE	811	47.35	51.66	◆ 0.91
1168	392	20	Bogazici University	TUR	WE	HE	810	32.84	51.48	▲ 1.11
1169	325	40	Dongguk University	KOR	AS	HE	810	25.68	39.51	◆ 0.71
1170	9	1	Universite Cadi Ayyad	MAR	AF	HE	809	61.80	39.18	◆ 0.85
1171	393	49	Ecole Nationale Superieure des Mines de Paris	FRA	WE	HE	806	37.97	52.48	▲ 1.33
1172	326	85	Meijo University	JPN	AS	HE	806	21.09	43.30	◆ 0.97
1173	41	21	Universidade Federal da Bahia	BRA	LA	HE	806	30.65	38.71	◆ 0.94
1174	394	59	Aston University	GBR	WE	HE	805	42.48	52.30	▲ 1.16
1175	395	8	Instituto Tecnologico e Nuclear	PRT	WE	GO	801	66.67	52.31	◆ 0.91
1176	81	20	Voronezh State University	RUS	EE	HE	799	15.89	11.51	◆ 0.21
1177	42	22	Empresa Brasileira de Pesquisa Agropecuaria	BRA	LA	GO	798	30.33	38.47	◆ 0.76
1178	82	8	Palacky University	CZE	EE	HE	797	40.90	44.04	◆ 0.96
1179	396	60	Keele University	GBR	WE	HE	795	58.74	61.64	▲ 1.23
1180	30	1	Jordan University of Science and Technology	JOR	ME	HE	793	36.95	36.57	◆ 0.72
1181	397	80	Jacobs University Bremen	DEU	WE	HE	790	54.30	66.71	▲ 1.58
1182	265	232	University of Texas, El Paso	USA	NA	HE	787	29.61	41.80	◆ 0.96
1183	398	9	Montanuniversitat Leoben	AUT	WE	HE	786	55.09	56.87	▲ 1.34
1184	327	86	National Institute of Informatics	JPN	AS	GO	785	33.76	21.78	▲ 1.00
1185	328	129	Chinese Academy of Medical Sciences	CHN	AS	HL	784	14.16	36.35	◆ 0.59
1186	399	61	Euratom/Ukaea Fusion Association	GBR	WE	GO	783	71.39	74.20	● 1.76
1187	400	81	Max Born Institut fur Nichtlineare Optik und Kurzzeitspektroskopie	DEU	WE	GO	783	64.62	71.52	▲ 1.71
1188	401	50	Universita degli Studi del Sannio	ITA	WE	HE	782	32.61	41.56	▲ 1.47
1189	266	233	Wake Forest University	USA	NA	HE	782	19.95	51.28	▲ 1.19
1190	329	87	Nara Women"s University	JPN	AS	HE	782	40.15	58.57	▲ 1.05
1191	330	88	Utsunomiya University	JPN	AS	HE	781	24.97	38.41	◆ 0.76
1192	402	21	Suleyman Demirel University	TUR	WE	HE	780	17.31	35.26	◆ 0.80
1193	403	62	City University London	GBR	WE	HE	779	36.71	36.07	▲ 1.04
1194	404	1	University of Iceland	ISL	WE	HE	776	71.26	59.41	▲ 1.38
1195	331	41	Korea Institute for Advanced Study	KOR	AS	GO	775	42.97	51.10	▲ 1.20
1196	405	12	University of Fribourg	CHE	WE	HE	774	63.57	66.28	▲ 1.60
1197	406	42	Universidad Politecnica de Cartagena	ESP	WE	HE	773	21.60	43.34	◆ 0.92
1198	267	234	Howard University	USA	NA	HE	772	42.49	41.84	◆ 0.96
1199	332	130	Shandong University of Technology	CHN	AS	HE	772	8.55	15.54	◆ 0.51
1200	83	21	Moscow Institute of Physics and Technology	RUS	EE	HE	770	30.78	28.18	◆ 0.59
1201	31	13	Isfahan University	IRN	ME	HE	765	18.56	29.28	◆ 0.79
1202	407	50	Ecole Normale Superieure de Cachan	FRA	WE	HE	764	40.58	48.30	● 1.82
1203	408	5	Statoil ASA	NOR	WE	PR	764	42.15	34.29	◆ 0.99
1204	333	89	Tottori University	JPN	AS	HE	764	16.23	37.17	◆ 0.67
1205	409	9	Universidade do Algarve	PRT	WE	HE	763	51.11	58.32	▲ 1.11
1206	334	42	Information and Communications University	KOR	AS	HE	762	9.84	29.79	◆ 0.82
1207	43	8	Instituto Tecnologico y de Estudios Superiores de Monterrey	MEX	LA	HE	761	36.40	29.57	◆ 0.66
1208	44	1	Universidad Simon Bolivar	VEN	LA	HE	760	48.42	34.21	◆ 0.73
1209	335	131	Changchun University of Science and Technology	CHN	AS	HE	760	2.89	8.82	◆ 0.29
1210	410	82	Leibniz-Institut fur Meereswissenschaften	DEU	WE	GO	758	68.47	82.85	▲ 1.74
1211	336	2	Pakistan Atomic Energy Commission	PAK	AS	GO	757	22.19	48.35	▲ 1.16
1212	45	7	Universidad Nacional de Mar del Plata	ARG	LA	HE	757	43.46	61.16	◆ 0.92
1213	337	90	Akita University	JPN	AS	HE	755	14.83	36.82	◆ 0.63
1214	338	132	South China Agricultural University	CHN	AS	HE	753	14.61	16.87	◆ 0.47
1215	46	9	Universidad de Guanajuato	MEX	LA	HE	751	50.20	45.67	◆ 0.69
1216	32	26	Flinders University	AUS	OC	HE	750	39.33	57.20	◆ 0.98

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1217	84	22	Moscow Power Engineering Institute, Technical University	RUS	EE	HE	749	12.55	7.74	◆ 0.23
1218	411	51	Universite de Rouen	FRA	WE	HE	748	41.31	55.61	▲ 1.11
1219	339	33	Mangalore University	IND	AS	HE	748	65.51	9.22	◆ 0.94
1220	340	91	Chuo University	JPN	AS	HE	748	12.83	40.11	◆ 0.80
1221	47	23	Petrobras	BRA	LA	PR	748	25.13	29.55	◆ 0.60
1222	268	235	University of Southern Mississippi	USA	NA	HE	747	19.28	63.59	▲ 1.28
1223	269	236	Hewlett Packard Labs	USA	NA	PR	746	29.09	46.65	● 2.04
1224	270	237	SRI International	USA	NA	OT	746	26.41	47.59	● 1.97
1225	412	9	Democritus University Of Thrace	GRC	WE	HE	746	20.38	38.07	◆ 0.69
1226	413	52	Universite de la Mediterranee, Aix-Marseille II	FRA	WE	HE	745	57.72	62.15	▲ 1.56
1227	48	5	Universidad de Santiago de Chile	CHL	LA	HE	743	59.08	49.80	◆ 0.76
1228	341	133	Beijing Institute of Aeronautical Materials	CHN	AS	PR	743	2.83	8.48	◆ 0.25
1229	271	238	Veterans Affairs Medical Centers	USA	NA	HL	742	17.25	62.40	▲ 1.49
1230	49	10	Universidad Autonoma del Estado de Morelos	MEX	LA	HE	738	34.01	52.71	◆ 0.86
1231	272	239	Baylor University	USA	NA	HE	736	36.41	50.27	▲ 1.11
1232	414	51	Consorzio Interuniversitario Nazionale per la Scienze Fisiche della Materia	ITA	WE	GO	736	49.32	73.37	▲ 1.01
1233	342	134	Shenyang Pharmaceutical University	CHN	AS	HE	736	21.20	27.04	◆ 0.62
1234	343	24	National Formosa University	TWN	AS	HE	734	6.13	46.87	◆ 0.88
1235	415	7	National University of Ireland	IRL	WE	HE	729	64.61	42.39	▲ 1.19
1236	344	92	Okayama University of Science	JPN	AS	HE	729	23.18	47.60	◆ 0.76
1237	345	43	Jeju National University	KOR	AS	HE	728	23.90	32.28	◆ 0.80
1238	50	2	Universidad Central de Venezuela	VEN	LA	HE	724	49.86	38.95	◆ 0.64
1239	346	44	Korea Institute of Energy Research	KOR	AS	GO	723	28.08	51.59	▲ 1.30
1240	347	4	Singapore-MIT Alliance	SGP	AS	HE	722	89.89	69.94	▲ 1.73
1241	348	135	Xuzhou Normal University	CHN	AS	HE	722	6.23	13.99	◆ 0.61
1242	416	83	Brandenburgische Technische Universitat Cottbus	DEU	WE	HE	720	38.19	42.92	◆ 0.96
1243	51	8	Universidad Nacional del Litoral	ARG	LA	HE	717	37.10	68.76	▲ 1.04
1244	349	93	Hosei University	JPN	AS	HE	717	14.92	32.36	◆ 0.63
1245	350	45	Dankook University	KOR	AS	HE	716	14.66	42.60	◆ 0.88
1246	351	136	Yantai University	CHN	AS	HE	715	12.45	23.50	◆ 0.58
1247	352	34	Jawaharlal Nehru Centre for Advanced Scientific Research	IND	AS	HE	713	29.17	78.68	▲ 1.72
1248	33	7	National Institute of Water & Atmospheric Research	NZL	OC	GO	711	59.35	65.96	▲ 1.33
1249	273	240	Mayo Clinic Minnesota	USA	NA	HL	709	25.95	69.11	▲ 1.66
1250	32	2	University of Jordan	JOR	ME	HE	708	43.22	30.37	◆ 0.69
1251	52	24	Universidade Federal da Paraiba	BRA	LA	HE	706	18.27	43.63	◆ 0.93
1252	353	94	Hirosaki University	JPN	AS	HE	706	23.65	49.86	◆ 0.76
1253	34	27	Murdoch University	AUS	OC	HE	705	40.99	57.16	▲ 1.00
1254	53	6	Universidad Tecnica Federico Santa Maria	CHL	LA	HE	704	57.53	46.02	▲ 1.11
1255	417	63	Met Office	GBR	WE	GO	702	48.29	79.91	● 2.25
1256	274	241	Ford Motor Company	USA	NA	GO	702	30.20	48.43	▲ 1.68
1257	354	25	Tatung University	TWN	AS	HE	701	7.56	49.64	◆ 0.91
1258	54	1	Universidad de La Habana	CUB	LA	HE	701	82.60	52.78	◆ 0.72
1259	55	25	Universidade Estadual de Maringa	BRA	LA	HE	700	15.43	45.29	◆ 0.87
1260	355	137	Xinjiang University	CHN	AS	HE	699	9.59	20.03	◆ 0.59
1261	418	52	Universita degli Studi di Sassari	ITA	WE	HE	696	33.91	63.07	▲ 1.16
1262	275	242	Brandeis University	USA	NA	HE	694	48.13	72.33	▲ 1.74
1263	85	21	Tadeusz Kosciuszko University of Technology	POL	EE	HE	694	26.51	33.43	◆ 0.61
1264	56	11	Universidad Autonoma de San Luis Potosi	MEX	LA	HE	693	44.73	50.65	◆ 0.75
1265	356	35	Sri Venkateswara University	IND	AS	HE	690	23.48	38.84	◆ 0.70
1266	86	23	Karpov Institute of Physical Chemistry	RUS	EE	GO	689	27.87	18.87	◆ 0.32
1267	357	95	Chubu University	JPN	AS	HE	687	24.31	41.34	◆ 0.88
1268	419	53	Istituto Superiore di Sanita	ITA	WE	HL	686	35.13	59.91	▲ 1.17
1269	276	243	University of California	USA	NA	HE	685	27.88	62.48	▲ 1.71
1270	420	84	Universitat Hohenheim	DEU	WE	HE	683	41.14	59.30	▲ 1.32
1271	87	24	Russian Academy of Medical Sciences	RUS	EE	HL	683	25.77	20.79	◆ 0.43
1272	88	25	D. Mendeleev University of Chemical Technology	RUS	EE	HE	683	20.06	12.88	◆ 0.25

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1273	358	26	National Nano Device Laboratories Taiwan	TWN	AS	GO	682	5.87	68.77	◆ 0.88
1274	421	43	Universidad de las Palmas de Gran Canaria	ESP	WE	HE	681	30.10	40.09	◆ 0.86
1275	57	26	Universidade Federal de Uberlandia	BRA	LA	HE	679	21.65	37.11	◆ 0.74
1276	58	3	Universidad de los Andes	VEN	LA	HE	679	51.10	40.35	◆ 0.66
1277	277	244	Oregon Health & Science University	USA	NA	HE	677	26.14	57.90	▲ 1.31
1278	422	22	Gebze Institute of Technology	TUR	WE	HE	677	40.32	50.37	▲ 1.17
1279	423	23	Kocaeli University	TUR	WE	HE	677	16.99	36.78	▲ 1.01
1280	359	6	University of Technology Malaysia	MYS	AS	HE	676	37.28	38.31	◆ 0.97
1281	360	138	Information Engineering University	CHN	AS	HE	676	1.92	3.85	◆ 0.25
1282	278	245	Texas Instruments	USA	NA	PR	675	19.26	45.04	● 1.87
1283	35	28	University of Western Sydney	AUS	OC	HE	675	39.85	40.74	◆ 0.97
1284	361	46	Changwon National University	KOR	AS	HE	675	39.11	38.07	◆ 0.83
1285	362	96	Musashi Institute of Technology	JPN	AS	HE	675	16.44	32.89	◆ 0.75
1286	89	26	Ural State University Named After A.M.Gor'ky	RUS	EE	HE	674	25.96	24.04	◆ 0.41
1287	363	139	Shanghai Normal University	CHN	AS	HE	671	21.76	41.58	▲ 1.12
1288	36	29	Defence and Science Technology Organisation Australia	AUS	OC	GO	670	30.30	44.78	▲ 1.11
1289	364	140	Fujian Normal University	CHN	AS	HE	669	11.36	21.67	◆ 0.58
1290	365	141	Southwest University of Science and Technology	CHN	AS	HE	669	4.63	7.92	◆ 0.32
1291	424	53	France Telecom, S.A.	FRA	WE	PR	667	30.88	29.24	▲ 1.53
1292	33	14	Bu-Ali Sina University	IRN	ME	HE	667	11.54	25.34	◆ 0.98
1293	90	27	Bauman Moscow State Technical University	RUS	EE	HE	667	11.39	6.45	◆ 0.14
1294	366	47	Dong-Eui University	KOR	AS	HE	666	18.17	32.43	◆ 0.77
1295	91	4	Pavol Jozef Safarik University in Kosice	SVK	EE	HE	665	59.85	26.32	◆ 0.65
1296	279	246	Marquette University	USA	NA	HE	664	22.74	48.95	▲ 1.03
1297	425	44	Universidad Miguel Hernandez	ESP	WE	HE	664	30.72	50.15	◆ 0.93
1298	367	142	Anhui Normal University	CHN	AS	HE	663	3.32	34.54	▲ 1.06
1299	368	36	Guru Nanak Dev University	IND	AS	HE	663	24.59	37.25	◆ 0.90
1300	34	6	Al-Azhar University	EGY	ME	HE	663	23.23	26.85	◆ 0.60
1301	92	28	Saint Petersburg State Institute of Technology, Technical University	RUS	EE	HE	663	14.03	7.54	◆ 0.14
1302	35	7	Assiut University	EGY	ME	HE	662	33.23	31.57	◆ 0.56
1303	369	143	Tianjin University of Science and Technology	CHN	AS	HE	661	11.50	16.49	◆ 0.45
1304	370	97	Kagawa University	JPN	AS	HE	660	20.91	33.18	◆ 0.70
1305	93	22	Rzeszow University of Technology	POL	EE	HE	660	22.42	31.52	◆ 0.58
1306	371	144	Nanjing University of Information Science and Technology	CHN	AS	HE	658	19.76	16.26	◆ 0.47
1307	426	24	Sakarya University	TUR	WE	HE	655	23.36	40.46	▲ 1.04
1308	372	145	Qingdao University	CHN	AS	HE	654	19.88	27.37	◆ 0.93
1309	94	4	V.N. Karazin Kharkiv National University	UKR	EE	HE	654	44.65	26.91	◆ 0.55
1310	36	15	University of Mazandaran	IRN	ME	HE	653	10.57	25.11	▲ 1.10
1311	373	37	Inter-University Accelerator Centre	IND	AS	GO	652	38.80	43.40	◆ 0.72
1312	427	54	Institut de Recherche en Sciences et Technologies pour l'Environnement	FRA	WE	GO	651	33.03	58.99	▲ 1.27
1313	374	98	Toyota Technological Institute	JPN	AS	HE	651	21.51	52.53	◆ 0.92
1314	59	9	Universidad Nacional de Rosario	ARG	LA	HE	651	49.00	53.46	◆ 0.90
1315	428	17	Dutch Polymer Institute	NLD	WE	GO	650	40.15	81.08	● 2.19
1316	10	6	Rhodes University	ZAF	AF	HE	650	39.69	49.85	▲ 1.11
1317	280	247	Oakland University	USA	NA	HE	649	37.90	52.08	▲ 1.19
1318	281	248	Qualcomm Incorporated	USA	NA	PR	648	24.85	68.06	● 2.65
1319	429	54	Universita degli Studi di Verona	ITA	WE	HE	647	38.79	49.92	▲ 1.53
1320	430	25	Eskisehir Osmangazi University	TUR	WE	HE	647	17.16	40.49	▲ 1.15
1321	431	55	Istituto Nazionale di Ricerca Metrologica	ITA	WE	GO	647	35.09	49.30	◆ 0.89
1322	37	8	Zagazig University	EGY	ME	HE	647	26.28	28.75	◆ 0.59
1323	432	56	Sincrotrone Trieste	ITA	WE	PR	645	74.42	73.18	▲ 1.04
1324	433	45	Donostia International Physics Center	ESP	WE	GO	643	69.36	82.43	▲ 1.61
1325	282	249	University of Minnesota, Duluth	USA	NA	HE	643	31.73	49.77	▲ 1.42
1326	283	250	Naval Postgraduate School	USA	NA	HE	643	30.33	46.97	▲ 1.17
1327	434	10	Aegean University	GRC	WE	HE	643	36.39	36.39	◆ 0.95
1328	11	7	Council for Scientific and Industrial Research	ZAF	AF	GO	643	34.06	38.26	◆ 0.88

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1329	375	146	Guangzhou University	CHN	AS	HE	642	8.57	17.45	◆ 0.55
1330	376	99	University of Miyazaki	JPN	AS	HE	640	24.22	43.44	◆ 0.88
1331	435	85	Technische Universität Hamburg-Harburg	DEU	WE	HE	638	33.54	45.92	▲ 1.26
1332	436	18	SRON Netherlands Institute for Space Research	NLD	WE	GO	637	79.12	70.33	▲ 1.48
1333	377	4	King Mongkut's Institute of Technology Thonburi	THA	AS	HE	635	31.97	51.50	▲ 1.19
1334	284	251	Smithsonian Institution	USA	NA	GO	635	43.46	71.81	▲ 1.18
1335	378	27	Chang Gung University	TWN	AS	HE	635	9.13	49.61	◆ 0.96
1336	379	147	State Oceanic Administration	CHN	AS	GO	635	15.75	17.95	◆ 0.38
1337	285	252	Northrop Grumman Corporation	USA	NA	PR	634	6.94	36.12	▲ 1.09
1338	380	100	Meiji University	JPN	AS	HE	634	16.72	30.76	◆ 0.67
1339	437	57	Università degli Studi di Urbino Carlo Bo	ITA	WE	HE	632	42.41	53.96	▲ 1.40
1340	286	34	Lakehead University	CAN	NA	HE	631	32.49	48.02	▲ 1.16
1341	381	148	Guangxi Normal University	CHN	AS	HE	631	16.01	15.53	◆ 0.67
1342	438	64	Birkbeck, University of London	GBR	WE	HE	629	48.33	51.35	▲ 1.48
1343	95	8	Politehnica University of Timisoara	ROU	EE	HE	629	32.43	19.24	◆ 0.90
1344	12	2	Université Mentouri-Constantine	DZA	AF	HE	629	48.17	29.73	◆ 0.51
1345	96	4	Slovenian NMR Centre	SVN	EE	GO	628	54.14	64.01	▲ 1.29
1346	439	86	Universität der Bundeswehr München	DEU	WE	HE	628	31.37	34.71	◆ 0.85
1347	13	8	University of Johannesburg	ZAF	AF	HE	628	37.26	43.95	◆ 0.83
1348	440	46	Universidad de Huelva	ESP	WE	HE	627	36.04	52.63	▲ 1.20
1349	441	65	The Manchester Metropolitan University	GBR	WE	HE	626	41.05	42.81	▲ 1.03
1350	287	253	University of Missouri, Kansas City	USA	NA	HE	626	34.98	51.76	◆ 0.91
1351	442	47	Universidad de Navarra	ESP	WE	HE	625	28.48	55.36	▲ 1.03
1352	382	38	Indian Council of Agricultural Research	IND	AS	GO	624	11.70	26.60	◆ 0.52
1353	383	101	Kochi University	JPN	AS	HE	622	36.33	50.96	▲ 1.31
1354	443	58	Università degli Studi di Cassino	ITA	WE	HE	622	22.03	41.48	◆ 0.98
1355	384	48	Korea Institute of Geoscience and Mineral Resources	KOR	AS	GO	621	33.98	46.54	◆ 0.87
1356	385	149	Northeast Forestry University	CHN	AS	HE	620	7.90	9.03	◆ 0.39
1357	444	66	Biotechnology and Biological Sciences Research Council	GBR	WE	GO	619	49.27	74.96	▲ 1.55
1358	445	11	Technical University of Crete	GRC	WE	HE	619	36.51	51.70	▲ 1.48
1359	446	6	SINTEF Group	NOR	WE	PR	618	32.36	48.54	▲ 1.58
1360	288	254	Bowling Green State University	USA	NA	HE	617	33.39	59.81	▲ 1.09
1361	289	255	Schlumberger	USA	NA	PR	617	19.45	0.32	◆ 0.12
1362	386	150	Henan Polytechnic University	CHN	AS	HE	615	4.55	10.57	◆ 0.61
1363	447	59	Institute for Environment and Sustainability	ITA	WE	GO	614	98.53	68.08	● 1.84
1364	448	26	Uludag University	TUR	WE	HE	614	13.52	27.20	◆ 0.85
1365	449	27	Koc University	TUR	WE	HE	610	49.84	47.05	▲ 1.16
1366	387	102	Kwansei Gakuin University	JPN	AS	HE	610	32.30	47.70	▲ 1.03
1367	388	103	Muroran Institute of Technology	JPN	AS	HE	610	14.92	41.15	◆ 0.58
1368	450	55	Ecole Supérieure d'Electricité	FRA	WE	HE	609	41.54	41.87	◆ 0.89
1369	451	56	Telecom ParisTech	FRA	WE	HE	607	39.70	34.43	▲ 1.25
1370	60	12	Universidad Michoacana de San Nicolás de Hidalgo	MEX	LA	HE	606	36.30	40.59	◆ 0.87
1371	290	256	City University of New York, Graduate School & University Center	USA	NA	HE	605	25.95	42.98	◆ 0.87
1372	38	9	Tanta University	EGY	ME	HE	604	36.92	36.92	◆ 0.80
1373	39	10	Suez Canal University	EGY	ME	HE	601	39.77	31.28	◆ 0.79
1374	389	28	Chang Gung Memorial Hospital	TWN	AS	HL	601	8.49	46.59	◆ 0.68
1375	61	27	Universidade Federal de Vicosa	BRA	LA	HE	600	15.83	31.50	◆ 0.57
1376	390	151	Henan University of Science and Technology	CHN	AS	HE	600	2.83	9.50	◆ 0.40
1377	97	29	Kazan State Technical University	RUS	EE	HE	600	12.00	7.00	◆ 0.14
1378	452	60	Università degli Studi Gabriele d'Annunzio di Chieti e Pescara	ITA	WE	HE	599	37.06	55.59	▲ 1.23
1379	391	49	Seoul National University of Technology	KOR	AS	HE	598	21.57	34.78	◆ 0.78
1380	392	39	Andhra University	IND	AS	HE	598	17.22	21.91	◆ 0.46
1381	98	23	Czestochowa University of Technology	POL	EE	HE	597	23.62	29.98	◆ 0.54
1382	40	1	American University of Beirut	LBN	ME	HE	595	48.57	50.25	◆ 0.83
1383	393	104	Tokyo Medical and Dental University	JPN	AS	HE	594	21.04	48.15	▲ 1.05
1384	453	10	Belgian Nuclear Research Centre	BEL	WE	GO	592	65.03	45.10	▲ 1.13
1385	99	30	Ivanovo State University of Chemistry and Technology	RUS	EE	HE	592	17.91	10.30	◆ 0.18

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1386	454	48	Universitat Pompeu Fabra	ESP	WE	HE	591	58.54	53.47	▲1.26
1387	291	257	The Catholic University of America	USA	NA	HE	591	41.12	58.38	▲1.10
1388	455	87	Bayer AG	DEU	WE	PR	591	32.83	51.78	▲1.07
1389	394	105	Kitasato University	JPN	AS	HE	590	20.17	56.95	◆0.77
1390	395	50	Andong National University	KOR	AS	HE	587	33.22	38.16	◆0.66
1391	292	35	Royal Military College of Canada	CAN	NA	HE	585	39.49	54.02	▲1.36
1392	293	258	University of South Alabama	USA	NA	HE	584	24.83	48.12	◆0.88
1393	41	3	King Abdulaziz University	SAU	ME	HE	584	48.12	28.08	◆0.75
1394	62	13	Universidad de Guadalajara	MEX	LA	HE	584	37.16	39.55	◆0.48
1395	396	51	Kumoh National Institute of Technology	KOR	AS	HE	583	26.07	50.77	▲1.21
1396	456	61	Universita degli Studi Mediterranea di Reggio Calabria	ITA	WE	HE	581	14.46	44.75	◆0.93
1397	397	40	Allahabad University	IND	AS	HE	579	10.88	30.05	◆0.69
1398	457	10	Instituto de Telecomunicacoes	PRT	WE	GO	577	32.24	38.65	▲1.21
1399	14	9	University of the Free State	ZAF	AF	HE	576	34.90	33.68	◆0.60
1400	398	152	Northwest Institute of Nuclear Technology	CHN	AS	GO	575	2.26	8.35	◆0.23
1401	458	49	Institut de Fisica d'Altes Energies	ESP	WE	GO	574	80.84	71.08	●1.89
1402	399	7	Queen Mary Hospital	HKG	AS	HL	574	48.95	70.03	▲1.49
1403	400	106	Osaka Institute of Technology	JPN	AS	HE	574	14.98	27.87	◆0.85
1404	401	52	Dong-A University	KOR	AS	HE	574	17.42	37.46	◆0.84
1405	294	259	Jackson State University	USA	NA	HE	573	39.44	57.59	◆0.99
1406	402	153	Wuhan Institute of Technology	CHN	AS	HE	573	8.20	19.72	◆0.39
1407	295	260	Nokia Research Center	USA	NA	PR	572	56.12	33.22	▲1.67
1408	63	4	Instituto Venezolano de Investigaciones Cientificas	VEN	LA	GO	572	44.06	50.70	◆0.70
1409	403	41	Physical Research Laboratory	IND	AS	GO	571	38.53	67.08	◆0.79
1410	42	16	University of Guilan	IRN	ME	HE	569	11.78	22.14	◆0.75
1411	404	107	Oita University	JPN	AS	HE	569	20.04	44.46	◆0.68
1412	405	108	Chiba Institute of Technology	JPN	AS	HE	569	18.63	34.09	◆0.64
1413	15	3	Université de Tunis	TUN	AF	HE	569	52.72	31.28	◆0.47
1414	406	154	Hebei University of Science and Technology	CHN	AS	HE	568	6.16	13.56	◆0.51
1415	16	4	Universite de Tunis El Manar	TUN	AF	HE	568	47.89	36.09	◆0.50
1416	407	42	Osmania University	IND	AS	HE	568	9.33	24.65	◆0.47
1417	408	109	Fukuoka University	JPN	AS	HE	567	27.69	35.80	◆0.68
1418	409	3	University of Karachi	PAK	AS	HE	567	34.57	16.93	◆0.38
1419	296	261	Northern Arizona University	USA	NA	HE	566	25.44	63.07	▲1.38
1420	410	43	Bengal Engineering and Science University, Shibpur	IND	AS	HE	566	23.14	43.29	◆0.84
1421	459	13	IBM Zurich Research Laboratory	CHE	WE	PR	565	59.47	62.12	●2.63
1422	460	12	University of Thessaly	GRC	WE	HE	565	33.81	52.57	▲1.39
1423	297	262	Bristol-Myers Squibb Company	USA	NA	PR	565	11.33	74.51	▲1.29
1424	298	263	East Carolina University	USA	NA	HE	565	26.02	50.44	▲1.00
1425	299	36	Trent University	CAN	NA	HE	564	38.48	64.72	▲1.29
1426	300	264	San Francisco State University	USA	NA	HE	562	38.08	65.12	●1.85
1427	461	57	Institut Pierre Simon Laplace	FRA	WE	GO	561	65.78	74.51	▲1.55
1428	301	265	GlaxoSmithKline US	USA	NA	PR	561	25.31	72.37	▲1.25
1429	411	155	Liaoning University	CHN	AS	HE	561	20.68	30.48	◆0.66
1430	302	266	BP America Inc.	USA	NA	PR	561	14.44	14.62	◆0.37
1431	462	10	Medizinische Universitat Wien	AUT	WE	HE	560	43.21	61.61	▲1.33
1432	463	28	Inonu University	TUR	WE	HE	560	13.21	32.50	◆0.94
1433	412	44	Karnatak University	IND	AS	HE	559	12.52	31.84	◆0.80
1434	413	5	Asian Institute of Technology	THA	AS	HE	558	47.85	42.11	▲1.13
1435	414	110	NHK Science and Technical Research Laboratories	JPN	AS	OT	558	7.35	24.91	◆0.83
1436	415	156	Hangzhou Dianzi University	CHN	AS	HE	557	10.95	8.98	◆0.54
1437	100	24	University of Zielona Gora	POL	EE	HE	555	35.50	28.83	◆0.56
1438	64	14	Universidad Autonoma de Nuevo Leon	MEX	LA	HE	553	36.35	31.83	◆0.76
1439	101	31	Saint Petersburg State University of Information Technologies, Mechanics and Optics	RUS	EE	HE	553	20.43	10.31	◆0.36
1440	464	19	Maastricht University	NLD	WE	HE	552	40.58	48.73	▲1.24
1441	416	45	Bharathidasan University	IND	AS	HE	549	40.62	26.05	◆0.71
1442	417	53	Agency for Defense Development	KOR	AS	GO	549	13.48	40.07	◆0.71
1443	418	111	Tohoku Gakuin University	JPN	AS	HE	548	52.74	62.04	▲1.19

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1444	303	267	Wichita State University	USA	NA	HE	548	36.50	51.46	▲ 1.16
1445	465	50	Institut de Ciencies Fotoniques	ESP	WE	GO	547	71.12	79.71	● 1.94
1446	419	157	Yangtze University	CHN	AS	HE	546	5.86	6.04	◆ 0.29
1447	466	58	Institut Universitaire de France	FRA	WE	GO	545	53.21	67.16	▲ 1.73
1448	17	10	North-West University, Noordwes-Universiteit	ZAF	AF	HE	545	44.77	46.61	◆ 0.95
1449	420	54	Inje University	KOR	AS	HE	544	14.71	30.70	◆ 0.79
1450	467	67	The Nottingham Trent University	GBR	WE	HE	539	33.21	46.75	▲ 1.18
1451	468	29	Canakkale Onsekiz Mart Universitesi	TUR	WE	HE	539	20.78	30.24	◆ 0.61
1452	469	14	Eidgenossische Forschungsanstalt fur Wald, Schnee und Landschaft Eth-Bereichs	CHE	WE	GO	537	54.93	71.88	● 1.91
1453	470	59	Universite Rene Descartes, Paris 5	FRA	WE	HE	536	31.53	60.63	▲ 1.03
1454	421	112	Kitami Institute of Technology	JPN	AS	HE	535	18.69	34.77	◆ 0.76
1455	304	268	NEC Corporation of America	USA	NA	PR	534	31.46	57.87	● 2.04
1456	471	11	Universitat Salzburg	AUT	WE	HE	533	60.41	44.09	▲ 1.07
1457	472	60	Observatoire de la Cote d'Azur	FRA	WE	GO	532	78.76	71.62	▲ 1.57
1458	65	2	Universidad de Los Andes	COL	LA	HE	532	68.80	52.07	▲ 1.03
1459	422	113	University of Aizu	JPN	AS	HE	532	43.80	18.98	◆ 0.92
1460	423	46	Jawaharlal Nehru Technological University	IND	AS	HE	532	7.71	15.23	◆ 0.45
1461	305	269	Carnegie Observatories	USA	NA	OT	529	72.59	91.49	● 2.26
1462	306	270	University of Michigan, Dearborn	USA	NA	HE	529	28.92	43.48	▲ 1.14
1463	473	61	Universite Paris Dauphine	FRA	WE	HE	528	43.37	40.34	▲ 1.20
1464	474	68	Sheffield Hallam University	GBR	WE	HE	528	40.72	56.06	▲ 1.12
1465	424	55	Catholic University of Korea	KOR	AS	HE	527	20.49	41.37	◆ 0.79
1466	475	62	Universite Paris Nord- Paris 13	FRA	WE	HE	526	49.43	49.62	▲ 1.26
1467	43	17	Razi University	IRN	ME	HE	525	13.52	37.71	▲ 1.09
1468	307	271	City University of New York, Hunter College	USA	NA	HE	525	32.19	65.33	▲ 1.07
1469	476	69	University of Glamorgan	GBR	WE	HE	523	52.20	34.80	▲ 1.70
1470	477	30	Pamukkale University	TUR	WE	HE	523	17.78	40.34	▲ 1.16
1471	102	9	VSB-Technical University of Ostrava	CZE	EE	HE	522	37.74	27.78	◆ 0.68
1472	478	63	École des Mines de Nantes	FRA	WE	HE	521	55.85	35.32	● 2.00
1473	479	6	Geological Survey of Denmark and Greenland	DNK	WE	GO	521	54.51	60.84	▲ 1.40
1474	66	10	Instituto Balseiro	ARG	LA	HE	521	56.81	67.56	▲ 1.02
1475	44	11	South Valley University	EGY	ME	HE	520	31.92	27.12	◆ 0.46
1476	480	20	FOM Institute for Atomic and Molecular Physics	NLD	WE	GO	519	59.92	83.04	● 2.25
1477	481	88	Charite - Universitätsmedizin Berlin	DEU	WE	HL	519	33.53	63.20	▲ 1.46
1478	482	64	Thales, S.A.	FRA	WE	PR	519	38.54	48.55	▲ 1.01
1479	483	51	Institut d'Estudis Espacials de Catalunya	ESP	WE	GO	518	73.75	64.86	● 3.01
1480	425	29	Kaohsiung Medical University	TWN	AS	HE	518	7.92	58.30	◆ 0.92
1481	308	272	Yeshiva University	USA	NA	HE	517	33.46	76.79	▲ 1.62
1482	103	10	University of West Bohemia	CZE	EE	HE	517	32.11	27.27	◆ 0.70
1483	426	158	Peking Union Medical College, Tsinghua University	CHN	AS	HE	517	14.51	38.68	◆ 0.54
1484	484	31	Sabancı University	TUR	WE	HE	515	49.51	46.60	▲ 1.34
1485	67	3	Universidad del Valle	COL	LA	HE	515	62.52	29.90	◆ 0.55
1486	427	6	Prince of Songkla University	THA	AS	HE	514	68.09	32.30	▲ 1.02
1487	309	273	Abbott Laboratories	USA	NA	PR	513	9.75	76.22	▲ 1.39
1488	428	47	Jamia Millia Islamia	IND	AS	HE	513	18.52	37.43	◆ 0.94
1489	45	12	Helwan University Cairo	EGY	ME	HE	513	28.46	25.93	◆ 0.57
1490	310	274	Villanova University	USA	NA	HE	512	21.29	47.46	▲ 1.18
1491	429	159	Huaqiao University	CHN	AS	HE	512	12.11	19.34	◆ 0.62
1492	46	4	Saudi Arabian Oil Company	SAU	ME	PR	511	49.12	18.20	◆ 0.53
1493	430	160	Naval Aeronautical Engineering Academy	CHN	AS	HE	511	0.78	2.54	◆ 0.26
1494	68	4	Universidad de Antioquia	COL	LA	HE	510	69.41	48.63	◆ 0.76
1495	431	30	National United University	TWN	AS	HE	509	5.70	52.65	◆ 0.93
1496	432	31	Tunghai University	TWN	AS	HE	508	16.34	45.67	◆ 0.84
1497	311	37	Wilfrid Laurier University	CAN	NA	HE	507	44.97	46.35	▲ 1.31
1498	312	38	University of Lethbridge	CAN	NA	HE	507	50.69	40.83	▲ 1.00
1499	69	28	Universidade Federal de Campina Grande	BRA	LA	HE	507	12.82	25.05	◆ 0.70
1500	104	25	Adam Mickiewicz University	POL	EE	HE	507	31.95	36.88	◆ 0.67
1501	105	26	Institute of Electronic Materials Technology	POL	EE	GO	506	41.70	43.48	◆ 0.75

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1502	433	48	Bangalore University	IND	AS	HE	506	9.09	23.72	◆ 0.54
1503	434	161	Ludong University	CHN	AS	HE	506	2.96	21.74	◆ 0.42
1504	106	5	National Technical University of Ukraine - Kyiv Polytechnic Institute	UKR	EE	HE	506	30.63	16.60	◆ 0.32
1505	485	52	Universitat de Lleida	ESP	WE	HE	505	35.25	49.11	▲ 1.21
1506	486	8	Dublin Institute of Technology	IRL	WE	HE	505	43.17	47.52	▲ 1.09
1507	313	275	Desert Research Institute	USA	NA	HE	503	34.79	76.34	▲ 1.64
1508	435	56	Kongju National University	KOR	AS	HE	503	20.68	41.75	◆ 0.73
1509	107	3	University of Split	HRV	EE	HE	503	31.21	28.43	◆ 0.70
1510	436	162	Microsoft Research Asia	CHN	AS	PR	502	45.22	45.82	● 2.63
1511	437	163	Shaanxi University of Science and Technology	CHN	AS	HE	502	3.98	10.96	◆ 0.28
1512	487	70	University of the West of England	GBR	WE	HE	501	31.34	35.73	▲ 1.14
1513	438	49	Shivaji University	IND	AS	HE	501	13.17	48.10	▲ 1.06
1514	439	164	PetroChina	CHN	AS	PR	501	6.19	8.78	◆ 0.87
1515	440	32	National Yang-Ming University	TWN	AS	HE	501	15.97	61.08	◆ 0.75
1516	441	165	National Institute of Metrology	CHN	AS	HE	501	12.77	7.78	◆ 0.26
1517	442	166	Jiangxi Normal University	CHN	AS	HE	499	9.02	20.24	◆ 0.53
1518	314	276	University of Louisiana, Lafayette	USA	NA	HE	498	23.49	48.80	▲ 1.11
1519	488	62	Universita Cattolica del Sacro Cuore	ITA	WE	HE	498	37.55	59.24	◆ 0.98
1520	315	277	American Society of Mechanical Engineers	USA	NA	OT	498	36.14	29.12	◆ 0.95
1521	443	167	Huazhong Agricultural University	CHN	AS	HE	498	15.26	29.92	◆ 0.63
1522	108	27	Bialystok University of Technology	POL	EE	HE	497	19.11	18.31	◆ 0.56
1523	316	278	Raytheon Company	USA	NA	PR	495	10.71	37.58	▲ 1.08
1524	444	50	Madurai Kamaraj University	IND	AS	HE	495	15.96	28.48	◆ 0.55
1525	445	168	Fourth Military Medical University	CHN	AS	HE	495	9.09	21.62	◆ 0.46
1526	446	169	Liaoning Technical University	CHN	AS	HE	494	3.24	3.04	◆ 0.45
1527	489	65	Ecole Nationale Supérieure d'Electronique, Informatique et de Radiocommunications de Bordeaux	FRA	WE	HE	492	35.57	24.80	▲ 1.23
1528	490	11	Universidade de Evora	PRT	WE	HE	491	48.47	49.90	▲ 1.19
1529	317	279	Dow Chemical Company	USA	NA	PR	490	18.98	49.59	◆ 0.98
1530	318	280	AT&T Labs Research	USA	NA	PR	488	36.07	52.46	● 2.50
1531	491	89	Institut für Photonische Technologien	DEU	WE	GO	488	36.68	52.05	▲ 1.60
1532	492	32	Gaziosmanpasa University	TUR	WE	HE	488	11.27	31.15	▲ 1.00
1533	493	71	London School of Economics and Political Science	GBR	WE	HE	488	44.26	35.66	◆ 0.95
1534	494	21	National Institute for Public Health and the Environment	NLD	WE	GO	487	52.57	77.62	● 1.78
1535	447	33	Chung-Hua University	TWN	AS	HE	487	9.24	31.42	◆ 0.85
1536	319	281	Cleveland State University	USA	NA	HE	487	25.05	34.29	◆ 0.78
1537	320	282	Eli Lilly and Company	USA	NA	PR	486	22.84	66.26	▲ 1.31
1538	321	283	Corning Incorporated	USA	NA	PR	485	21.03	58.56	▲ 1.15
1539	448	170	Shenyang Institute of Aeronautical Engineering	CHN	AS	HE	484	9.92	14.88	◆ 0.55
1540	109	32	Lomonosov State Academy of Fine Chemical Technology	RUS	EE	HE	484	16.53	8.06	◆ 0.19
1541	322	39	Communications Research Centre Canada	CAN	NA	GO	483	17.60	40.37	▲ 1.13
1542	323	284	University of Denver	USA	NA	HE	482	31.74	46.27	▲ 1.43
1543	495	53	Universidad de Burgos	ESP	WE	HE	482	39.42	55.39	▲ 1.01
1544	449	171	Renmin University of China	CHN	AS	HE	481	28.07	33.26	◆ 0.99
1545	496	33	Izmir Institute of Technology	TUR	WE	HE	480	37.08	55.21	◆ 0.93
1546	450	172	Lanzhou Jiaotong University	CHN	AS	HE	480	4.58	14.58	◆ 0.78
1547	497	63	Scuola Superiore S. Anna di Studi Universitari e di Perfezionamento	ITA	WE	HE	478	37.87	48.33	▲ 1.64
1548	498	54	Instituto Nacional de Tecnica Aeroespacial Esteban Terradas	ESP	WE	GO	476	56.72	68.70	▲ 1.17
1549	324	40	Saint Mary's University	CAN	NA	HE	476	55.46	53.78	▲ 1.09
1550	37	30	Victoria University	AUS	OC	HE	476	31.09	28.15	◆ 0.79
1551	110	6	Chernivci State University	UKR	EE	HE	476	19.54	16.60	◆ 0.28
1552	499	90	German Cancer Research Center	DEU	WE	GO	474	47.47	74.26	▲ 1.57
1553	38	31	Australian Defence Force Academy	AUS	OC	HE	474	44.51	47.47	◆ 0.92
1554	451	51	University of Burdwan	IND	AS	HE	473	23.89	31.08	◆ 0.77
1555	452	34	National University of Kaohsiung	TWN	AS	HE	473	7.82	43.13	◆ 0.73
1556	70	29	Universidade Federal do Para	BRA	LA	HE	471	25.48	39.07	◆ 0.89

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1557	453	114	Kanazawa Institute of Technology	JPN	AS	HE	471	10.83	33.33	0.63
1558	111	5	Technical University of Kosice	SVK	EE	HE	470	41.49	17.87	0.46
1559	500	12	Austrian Institute of Technology	AUT	WE	GO	469	49.25	49.25	1.40
1560	325	285	Illinois State University	USA	NA	HE	469	21.11	51.60	0.80
1561	501	12	Swedish Institute of Space Physics	SWE	WE	GO	468	88.46	82.48	1.01
1562	502	91	Universitat Mannheim	DEU	WE	HE	467	38.97	31.48	1.61
1563	39	8	Landcare Research	NZL	OC	GO	466	51.72	56.65	1.75
1564	454	7	Kasetsart University	THA	AS	HE	466	55.58	49.57	0.88
1565	455	115	Aichi Institute of Technology	JPN	AS	HE	466	23.39	37.12	0.85
1566	456	52	National Institute of Technology, Tiruchirappalli	IND	AS	HE	466	16.74	33.69	0.82
1567	18	2	Universite Mohammed V-Agdal	MAR	AF	HE	466	63.52	36.48	0.61
1568	503	92	Institut fur Transurane	DEU	WE	GO	465	71.18	58.71	1.17
1569	112	9	West University of Timisoara	ROU	EE	HE	465	32.26	31.40	1.07
1570	113	28	University of Rzeszow	POL	EE	HE	465	35.05	21.08	0.72
1571	326	286	State University of New York Upstate Medical University	USA	NA	HL	464	28.02	63.79	1.32
1572	457	35	National Kaohsiung University of Applied Sciences	TWN	AS	HE	463	14.25	47.52	1.03
1573	327	287	San Jose State University	USA	NA	HE	462	22.73	40.91	0.86
1574	114	33	Peoples' Friendship University of Russia	RUS	EE	HE	462	15.15	8.23	0.24
1575	504	12	Lappeenranta University of Technology	FIN	WE	HE	461	36.01	42.08	0.90
1576	458	173	Sichuan Normal University	CHN	AS	HE	461	12.58	25.38	0.69
1577	328	288	University of Texas, Health Science Center at Houston	USA	NA	HE	460	34.13	66.09	1.29
1578	505	13	International Atomic Energy Agency	AUT	WE	GO	460	75.65	36.52	0.92
1579	47	2	American University of Sharjah	ARE	ME	HE	460	60.87	37.39	0.71
1580	115	4	Semiconductor Physics Institute	LTU	EE	GO	458	56.11	43.23	0.77
1581	506	34	Cumhuriyet University	TUR	WE	HE	458	13.54	41.05	0.71
1582	459	174	Second Military Medical University	CHN	AS	HE	458	9.61	27.73	0.47
1583	460	175	Wuhan University of Science and Technology	CHN	AS	HE	458	11.79	15.28	0.33
1584	507	13	University of Tampere	FIN	WE	HE	457	26.70	37.20	1.06
1585	48	18	Tehran University of Medical Sciences	IRN	ME	HE	457	20.57	25.60	1.04
1586	508	15	Novartis	CHE	WE	PR	456	56.58	62.50	1.60
1587	509	66	Minatec Campus d'Innovation en Micro et Nanotechnologies	FRA	WE	OT	456	29.39	61.18	1.55
1588	510	13	Karlstad University	SWE	WE	HE	456	39.25	43.86	1.35
1589	116	10	Technical University of Cluj-Napoca	ROU	EE	HE	456	42.76	21.71	0.98
1590	329	289	University of Texas Southwestern Medical Center	USA	NA	HE	455	27.03	71.65	1.88
1591	511	93	Robert Bosch GmbH	DEU	WE	PR	455	26.15	33.19	0.80
1592	330	290	Duke University Medical Center	USA	NA	HL	453	17.88	74.39	1.84
1593	461	53	Bharathiar University	IND	AS	HE	453	36.20	30.91	0.77
1594	331	291	Florida Agricultural & Mechanical University	USA	NA	HE	452	25.44	51.11	1.27
1595	512	7	Agricultural University of Norway	NOR	WE	HE	452	47.12	61.95	1.23
1596	513	35	Nigde University	TUR	WE	HE	451	20.62	37.92	0.95
1597	462	116	Ryukoku University	JPN	AS	HE	450	22.00	39.78	0.84
1598	463	54	The Maharaja Sayajirao University of Baroda	IND	AS	HE	449	6.01	30.29	0.58
1599	514	94	Weierstrass Institut fur Angewandte Analysis und Stochastik	DEU	WE	GO	448	52.68	56.92	1.33
1600	117	29	Lublin University of Technology	POL	EE	HE	448	25.45	21.21	0.49
1601	515	72	De Montfort University	GBR	WE	HE	447	32.89	39.82	1.09
1602	464	117	National Institute of Polar Research	JPN	AS	GO	447	50.56	56.15	0.78
1603	332	292	Memorial Sloan-Kettering Cancer Center	USA	NA	HL	445	25.39	75.96	2.09
1604	516	12	Instituto Nacional de Engenharia Tecnologia e Inovacao	PRT	WE	GO	445	38.88	47.87	0.96
1605	465	8	King Mongkut's Institute of Technology Ladkrabang	THA	AS	HE	445	29.66	23.82	0.77
1606	466	55	Raman Research Institute	IND	AS	GO	444	38.74	72.97	0.86
1607	467	57	Kunsan National University	KOR	AS	HE	442	18.10	37.78	0.77
1608	19	1	University of Botswana	BWA	AF	HE	442	57.01	27.60	0.61
1609	71	30	Comissao Nacional de Energia Nuclear Rio de Janeiro	BRA	LA	GO	442	12.22	32.13	0.57
1610	333	293	Pennsylvania State University, Altoona	USA	NA	HE	441	16.10	54.20	1.58
1611	468	56	Birla Institute of Technology and Science	IND	AS	HE	441	16.55	47.85	1.18
1612	469	57	Jawaharlal Nehru University	IND	AS	HE	441	25.17	58.05	0.79
1613	334	294	The Rockefeller University	USA	NA	HE	440	65.91	87.95	2.04

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1614	517	11	University of Mons-Hainaut	BEL	WE	HE	439	74.26	65.83	1.76
1615	72	11	Universidad Nacional de San Luis	ARG	LA	HE	439	40.32	49.43	0.78
1616	518	13	University of Piraeus	GRC	WE	HE	438	21.46	32.42	0.91
1617	335	41	St. Francis Xavier University	CAN	NA	HE	437	59.04	45.77	1.24
1618	73	31	Universidade Federal de Goias	BRA	LA	HE	437	20.59	45.54	1.02
1619	470	118	Yokohama City University	JPN	AS	HE	437	16.48	65.45	0.92
1620	118	3	University of Chemical Technology and Metallurgy	BGR	EE	HE	436	33.49	37.39	0.78
1621	336	42	Perimeter Institute for Theoretical Physics	CAN	NA	OT	434	72.12	62.44	2.32
1622	337	43	University of Ontario Institute of Technology	CAN	NA	HE	432	43.98	51.85	1.44
1623	20	3	Universite Ferhat Abbas de Setif	DZA	AF	HE	432	51.62	39.12	0.55
1624	471	58	University of Lucknow	IND	AS	HE	432	17.13	27.78	0.52
1625	49	19	Azzahra University	IRN	ME	HE	431	15.08	26.68	0.75
1626	472	176	Tianjin University of Technology	CHN	AS	HE	431	5.10	12.06	0.48
1627	119	11	University of Craiova	ROU	EE	HE	430	26.05	15.35	0.88
1628	519	36	Gaziantep University	TUR	WE	HE	429	14.69	37.53	1.08
1629	473	177	Guizhou University	CHN	AS	HE	429	7.69	16.55	0.65
1630	338	44	Brock University	CAN	NA	HE	428	46.96	50.23	0.98
1631	474	178	Chinese Academy of Forestry	CHN	AS	GO	428	21.96	12.38	0.46
1632	475	4	COMSATS Institute of Information Technology	PAK	AS	HE	427	47.54	34.19	1.63
1633	520	14	National Hellenic Research Foundation	GRC	WE	GO	427	54.57	66.74	0.99
1634	521	73	Macaulay Institute	GBR	WE	OT	426	46.01	76.06	1.62
1635	522	74	University of Brighton	GBR	WE	HE	425	39.06	42.35	1.05
1636	476	59	University of Kalyani	IND	AS	HE	425	12.47	23.53	0.80
1637	339	295	Baylor College of Medicine	USA	NA	HE	424	26.65	59.43	1.28
1638	477	58	Korea Astronomy and Space Science Institute	KOR	AS	GO	424	69.58	76.18	0.70
1639	340	45	Laurentian University, Université Laurentienne	CAN	NA	HE	423	46.34	56.26	1.34
1640	341	46	Institut National de la Recherche Scientifique	CAN	NA	HE	423	28.37	58.87	1.31
1641	478	59	Kyungnam University	KOR	AS	HE	423	37.59	27.90	0.73
1642	120	30	University of Bialystok	POL	EE	HE	423	37.59	34.04	0.62
1643	50	13	Minia University	EGY	ME	HE	423	24.82	30.97	0.61
1644	342	296	Halliburton Energy Services Group	USA	NA	PR	423	17.73	4.96	0.19
1645	479	119	Kochi University of Technology	JPN	AS	HE	422	19.91	33.18	0.76
1646	51	20	Shahid Bahonar University of Kerman	IRN	ME	HE	421	17.34	21.62	0.61
1647	343	297	Stanford Synchrotron Radiation Laboratory	USA	NA	GO	419	56.80	83.05	2.30
1648	121	7	Kharkov State University	UKR	EE	HE	419	54.89	40.57	0.59
1649	523	75	Napier University	GBR	WE	HE	418	31.34	36.12	1.33
1650	524	16	ABB Corporate Research Center - Switzerland	CHE	WE	PR	418	43.30	25.12	1.08
1651	480	179	China West Normal University	CHN	AS	HE	418	8.37	19.62	0.78
1652	525	22	Tilburg University	NLD	WE	HE	416	48.56	40.87	1.29
1653	481	180	China Electric Power Research Institute	CHN	AS	GO	416	1.68	1.20	1.04
1654	74	7	Pontificia Universidad Catolica de Valparaiso	CHL	LA	HE	415	53.98	46.75	0.78
1655	21	4	Universite Djillali Liabes de Sidi Bel Abbes	DZA	AF	HE	415	45.78	40.00	0.76
1656	526	23	Royal Netherlands Institute for Sea Research	NLD	WE	GO	414	66.91	88.89	2.12
1657	527	95	Helmholtz Zentrum fur Umweltforschung	DEU	WE	GO	414	43.96	73.19	1.64
1658	344	298	University of Nebraska, Omaha	USA	NA	HE	414	31.64	40.34	1.02
1659	528	37	Dicle University	TUR	WE	HE	414	9.42	30.68	0.95
1660	482	181	China Institute of Water Resources and Hydropower Research	CHN	AS	GO	414	7.00	4.83	0.33
1661	529	64	Universita degli Studi della Tuscia	ITA	WE	HE	413	36.08	64.16	1.36
1662	530	67	Centre National d'Etudes Spatiales	FRA	WE	GO	413	37.77	48.18	1.01
1663	40	32	University of New England	AUS	OC	HE	413	34.38	49.64	0.86
1664	345	299	Amgen	USA	NA	PR	412	16.02	79.37	1.55
1665	346	300	American Museum of Natural History	USA	NA	GO	411	50.61	81.51	1.92
1666	483	1	Bangladesh University of Engineering and Technology	BGD	AS	HE	411	54.74	36.74	0.80
1667	484	5	National Neuroscience Institute	SGP	AS	HL	410	94.15	76.83	2.53
1668	531	38	Akdeniz University	TUR	WE	HE	410	19.76	36.83	1.22
1669	532	55	Institut Catala d'Investigacio Quimica	ESP	WE	GO	409	46.45	84.35	2.68
1670	485	120	University of Kitakyushu	JPN	AS	HE	409	15.65	39.85	0.84
1671	486	182	Dalian Jiaotong University	CHN	AS	HE	409	7.58	19.07	0.46

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1672	347	301	Cleveland Clinic	USA	NA	HL	408	25.00	57.84	● 1.76
1673	52	3	Hashemite University	JOR	ME	HE	408	46.57	39.71	▲ 1.30
1674	533	14	Orebro Universitet	SWE	WE	HE	407	45.95	52.09	▲ 1.37
1675	534	65	Consorzio Interuniversitario Nazionale per la Scienza e la Tecnologia dei Materiali	ITA	WE	GO	407	30.96	74.69	▲ 1.30
1676	348	302	Santa Clara University	USA	NA	HE	406	24.63	46.06	▲ 1.32
1677	75	32	Laboratorio Nacional de Luz Sincrotron	BRA	LA	GO	406	46.80	66.50	◆ 0.87
1678	535	76	The University of Stirling	GBR	WE	HE	405	43.21	57.28	▲ 1.27
1679	122	11	University of South Bohemia	CZE	EE	HE	405	50.12	58.52	▲ 1.02
1680	349	303	DePaul University	USA	NA	HE	404	30.45	29.95	▲ 1.29
1681	536	39	Mersin University	TUR	WE	HE	404	26.49	32.43	▲ 1.00
1682	76	33	Universidade Estadual do Norte Fluminense	BRA	LA	HE	403	14.14	34.24	◆ 0.62
1683	53	21	Tehran University of Teacher Training	IRN	ME	HE	402	13.43	16.92	▲ 1.04
1684	537	40	Zonguldak Karaelmas University	TUR	WE	HE	402	17.66	36.82	◆ 0.87
1685	538	41	Kirikkale University	TUR	WE	HE	401	7.73	43.89	▲ 1.43
1686	350	304	Howard Hughes Medical Institute	USA	NA	HL	400	19.50	85.50	● 2.75
1687	539	24	Radboud University Nijmegen Medical Centre	NLD	WE	HL	400	38.25	70.50	▲ 1.41
1688	540	77	Kingston University	GBR	WE	HE	400	39.75	42.75	▲ 1.10
1689	541	68	Universite Francois Rabelais de Tours	FRA	WE	HE	400	52.75	49.50	▲ 1.01
1690	542	56	Universidad de La Rioja	ESP	WE	HE	400	18.75	56.50	◆ 0.95
1691	543	78	Pfizer Ltd	GBR	WE	PR	399	38.60	70.68	▲ 1.60
1692	544	13	Universidade de Tras-os-Montes e Alto Douro	PRT	WE	HE	399	35.34	47.12	▲ 1.01
1693	77	1	Instituto Smithsonian de Investigaciones Tropicales	PAN	LA	GO	398	93.47	81.66	● 1.89
1694	123	34	St. Petersburg State Electrotechnical University	RUS	EE	HE	397	33.50	23.17	◆ 0.50
1695	545	66	Universita degli Studi di Bergamo	ITA	WE	HE	396	34.09	45.45	▲ 1.28
1696	546	96	Philips Medizin Systeme	DEU	WE	PR	395	42.03	43.80	▲ 1.63
1697	487	5	University of the Punjab, Lahore	PAK	AS	HE	395	27.59	20.76	◆ 0.78
1698	488	60	Wonkwang University	KOR	AS	HE	395	27.85	20.25	◆ 0.56
1699	489	121	Toyama Prefectural University	JPN	AS	HE	393	14.76	31.81	◆ 0.59
1700	351	305	University of North Carolina, Wilmington	USA	NA	HE	392	23.47	61.73	▲ 1.06
1701	78	15	Universidad de Sonora	MEX	LA	HE	392	33.93	43.62	◆ 0.65
1702	490	122	Tokyo University of Marine Science and Technology	JPN	AS	HE	392	24.74	35.71	◆ 0.58
1703	547	69	Universite de Valenciennes et du Hainaut-Cambresis	FRA	WE	HE	391	43.48	64.71	▲ 1.17
1704	352	47	University of Northern British Columbia	CAN	NA	HE	391	49.62	48.59	▲ 1.09
1705	491	61	Korea Institute of Ceramic Engineering and Technology	KOR	AS	GO	391	19.18	43.48	◆ 0.96
1706	492	183	Harbin Normal University	CHN	AS	HE	391	15.86	25.32	◆ 0.69
1707	41	9	GNS Science	NZL	OC	PR	390	58.46	77.44	▲ 1.42
1708	548	14	Universidade da Beira Interior	PRT	WE	HE	390	35.64	34.10	◆ 0.97
1709	493	184	Southern Medical University	CHN	AS	HE	390	7.69	8.46	◆ 0.23
1710	353	306	University of Missouri, Saint Louis	USA	NA	HE	389	40.62	62.98	▲ 1.43
1711	494	60	Kurukshetra University	IND	AS	HE	389	10.80	24.68	◆ 0.46
1712	354	307	University of Texas, Pan American	USA	NA	HE	388	35.82	46.13	▲ 1.46
1713	495	61	Tata Sons Limited	IND	AS	PR	388	14.18	52.32	◆ 0.87
1714	549	79	Northumbria University	GBR	WE	HE	387	31.78	44.70	◆ 0.80
1715	496	62	PSG College of Technology	IND	AS	HE	386	5.18	16.84	◆ 0.48
1716	355	308	California State University, Long Beach	USA	NA	HE	385	35.32	59.22	▲ 1.04
1717	356	309	Palo Alto Research Center	USA	NA	PR	382	21.47	52.88	● 2.15
1718	497	36	National Chi Nan University	TWN	AS	HE	381	8.92	49.87	▲ 1.39
1719	498	37	National Chiayi University	TWN	AS	HE	381	8.40	51.71	◆ 0.55
1720	357	310	Boise State University	USA	NA	HE	378	29.10	55.56	▲ 1.47
1721	42	33	Charles Sturt University	AUS	OC	HE	378	42.33	45.24	▲ 1.10
1722	124	4	Technical University of Sofia	BGR	EE	HE	378	39.15	23.81	◆ 0.40
1723	125	8	Dnepropetrovsk State University	UKR	EE	HE	377	34.22	19.36	◆ 0.33
1724	79	8	Universidad Austral de Chile	CHL	LA	HE	376	51.06	44.95	◆ 0.77
1725	22	5	Universite Badji Mokhtar - Annaba	DZA	AF	HE	376	53.99	35.90	◆ 0.60
1726	550	97	European Aeronautic Defence and Space Company	DEU	WE	PR	375	38.67	37.60	▲ 1.27
1727	551	98	Bundesanstalt fur Geowissenschaften und Rohstoffe	DEU	WE	GO	375	48.80	52.27	▲ 1.03
1728	499	185	Jimei University	CHN	AS	HE	374	9.36	18.98	◆ 0.66
1729	552	14	Finnish Environment Institute	FIN	WE	GO	373	33.51	65.95	▲ 1.52

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1730	23	11	Nelson Mandela Metropolitan University	ZAF	AF	HE	373	40.48	36.73	◆ 0.88
1731	500	1	Institut Teknologi Bandung	IDN	AS	HE	373	61.66	36.46	◆ 0.59
1732	501	123	National Institute of Health Sciences	JPN	AS	HL	372	10.75	55.11	◆ 0.93
1733	80	9	Universidad Catolica del Norte	CHL	LA	HE	372	66.13	55.91	◆ 0.92
1734	553	70	Universite Paris-Val-de-Marne, Paris 12	FRA	WE	HE	371	54.72	57.14	▲ 1.26
1735	24	12	University of the Western Cape	ZAF	AF	HE	370	56.76	45.14	◆ 0.91
1736	126	5	University of Nova Gorica	SVN	EE	HE	369	73.71	56.91	▲ 1.36
1737	554	71	Conservatoire National des Arts et Metiers	FRA	WE	HE	369	34.42	45.80	▲ 1.10
1738	555	72	Laboratoire Central des Ponts et Chaussees	FRA	WE	GO	368	19.84	58.15	▲ 1.37
1739	502	124	Kyoto Pharmaceutical University	JPN	AS	HE	368	15.22	52.45	▲ 1.15
1740	503	63	Sardar Patel University	IND	AS	HE	367	8.17	27.25	◆ 0.73
1741	556	25	Materials Innovation Institute	NLD	WE	GO	366	28.96	63.11	▲ 1.57
1742	557	15	Instituto Politecnico do Porto	PRT	WE	HE	366	18.58	34.70	▲ 1.05
1743	43	34	Edith Cowan University	AUS	OC	HE	366	36.07	36.34	◆ 0.83
1744	504	38	National Chengchi University	TWN	AS	HE	366	27.32	23.22	◆ 0.58
1745	505	186	North University of China	CHN	AS	HE	366	6.01	10.93	◆ 0.36
1746	127	12	Tomas Bata University in Zlin	CZE	EE	HE	363	43.53	31.96	◆ 0.76
1747	128	6	University of Pecs	HUN	EE	HE	363	42.15	43.53	◆ 0.76
1748	54	22	Yazd University	IRN	ME	HE	362	20.17	27.90	▲ 1.04
1749	358	311	University of Tulsa	USA	NA	HE	362	27.35	40.06	◆ 0.68
1750	359	312	Prairie View A&M University	USA	NA	HE	360	50.56	67.78	▲ 1.18
1751	360	313	City University of New York, Queens College	USA	NA	HE	359	31.48	61.56	▲ 1.15
1752	361	314	California State University, Northridge	USA	NA	HE	359	39.00	54.60	▲ 1.02
1753	558	15	Agricultural University of Athens	GRC	WE	HE	359	31.75	52.09	◆ 0.91
1754	506	64	Ugc-Dae Consortium for Scientific Research	IND	AS	GO	357	33.05	66.67	◆ 0.80
1755	507	65	Jaypee University of Information Technology	IND	AS	HE	357	7.00	32.49	◆ 0.57
1756	559	99	Potsdam Institut fur Klimafolgenforschung	DEU	WE	GO	356	62.36	67.42	● 1.93
1757	508	39	Taipei Medical University	TWN	AS	HE	353	14.73	57.79	◆ 0.96
1758	362	315	Mount Sinai Medical Center	USA	NA	HL	352	37.50	73.58	▲ 1.69
1759	363	316	Mount Holyoke College	USA	NA	HE	352	71.02	88.35	▲ 1.30
1760	509	40	China Medical University	TWN	AS	HE	351	13.68	61.54	◆ 0.93
1761	510	62	Korea Research Institute of Bioscience and Biotechnology	KOR	AS	GO	351	13.39	44.73	◆ 0.92
1762	81	34	Universidade Federal de Juiz de Fora	BRA	LA	HE	350	24.29	44.86	◆ 0.79
1763	511	187	Guilin University of Technology	CHN	AS	HE	349	4.58	16.91	◆ 0.51
1764	82	12	Universidad Nacional de Tucuman	ARG	LA	HE	348	35.63	45.11	◆ 0.71
1765	364	317	University of Arkansas, Little Rock	USA	NA	HE	347	28.24	40.63	◆ 0.93
1766	365	318	Idaho State University	USA	NA	HE	347	25.36	47.55	◆ 0.85
1767	512	1	University of the Philippines Diliman	PHL	AS	HE	347	46.40	45.53	◆ 0.71
1768	560	67	Institute for Health and Consumer Protection	ITA	WE	GO	346	99.42	71.10	▲ 1.36
1769	513	125	National Food Research Institute	JPN	AS	GO	346	20.23	63.29	◆ 0.99
1770	514	126	Tokushima Bunri University	JPN	AS	HE	346	18.21	45.09	◆ 0.82
1771	129	31	Opole University	POL	EE	HE	346	22.83	30.35	◆ 0.60
1772	515	188	Henan University of Technology	CHN	AS	HE	345	2.90	13.62	◆ 0.48
1773	83	35	Universidade Federal do Espirito Santo	BRA	LA	HE	344	26.74	39.83	◆ 0.75
1774	84	36	Universidade Federal de Alagoas	BRA	LA	HE	343	39.94	59.18	◆ 0.76
1775	85	16	Universidad Autonoma de Baja California	MEX	LA	HE	343	43.73	35.86	◆ 0.69
1776	86	37	Universidade Federal de Ouro Preto	BRA	LA	HE	343	28.57	34.40	◆ 0.63
1777	561	73	Universite Victor Segalen, Bordeaux 2	FRA	WE	HE	342	32.46	66.67	▲ 1.18
1778	366	319	Wesleyan University	USA	NA	HE	342	41.23	65.50	▲ 1.08
1779	562	100	Universitat Trier	DEU	WE	HE	342	40.06	44.44	◆ 0.98
1780	516	189	Nanjing Forestry University	CHN	AS	HE	342	19.88	13.45	◆ 0.27
1781	563	17	Nestle Switzerland	CHE	WE	PR	341	59.53	81.82	▲ 1.61
1782	367	320	University of Texas Medical Branch	USA	NA	HE	341	21.11	58.65	▲ 1.04
1783	25	1	University of Ibadan	NGA	AF	HE	341	23.46	23.17	◆ 0.57
1784	564	16	Athens University of Economics and Business	GRC	WE	HE	340	32.06	29.71	▲ 1.19
1785	565	16	Instituto Politecnico de Lisboa	PRT	WE	HE	340	27.94	44.12	◆ 0.69
1786	130	32	Opole University of Technology	POL	EE	HE	340	18.82	25.29	◆ 0.55
1787	517	190	Nantong University	CHN	AS	HE	340	7.94	15.59	◆ 0.40

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1788	368	321	Johnson & Johnson Pharmaceutical Research & Development, L.L.C	USA	NA	PR	338	10.65	80.77	▲ 1.35
1789	566	42	Yuzuncu Yil University	TUR	WE	HE	337	14.24	16.32	◆ 0.53
1790	369	322	Medical University of South Carolina	USA	NA	HE	336	22.02	71.13	▲ 1.27
1791	87	38	Pontificia Universidade Catolica do Rio Grande do Sul	BRA	LA	HE	336	27.38	25.00	◆ 0.74
1792	518	66	University of Kerala	IND	AS	HE	336	9.23	31.55	◆ 0.57
1793	567	74	Ecole Centrale de Paris	FRA	WE	HE	335	46.57	61.79	▲ 1.39
1794	568	101	Laser Zentrum Hannover	DEU	WE	GO	335	34.03	38.81	▲ 1.28
1795	519	9	Thammasat University	THA	AS	HE	335	34.33	50.75	▲ 1.25
1796	520	127	Prefectural University of Hiroshima	JPN	AS	HE	335	22.69	30.15	◆ 0.54
1797	521	128	Nagoya City University	JPN	AS	HE	334	20.66	56.29	◆ 0.92
1798	131	33	University of Warmia and Mazury	POL	EE	HE	332	21.69	26.51	◆ 0.50
1799	370	323	New York State Department of Health	USA	NA	HL	331	38.67	81.57	● 2.51
1800	569	75	Institut Eurecom	FRA	WE	HE	331	46.83	31.12	▲ 1.62
1801	522	41	National University of Tainan	TWN	AS	HE	330	2.42	56.67	▲ 1.01
1802	523	42	Chinese Culture University	TWN	AS	HE	328	9.15	46.34	◆ 0.98
1803	524	67	Visva-Bharati University	IND	AS	HE	328	14.63	38.41	◆ 0.62
1804	525	191	Shandong Agricultural University	CHN	AS	HE	328	5.18	14.02	◆ 0.40
1805	371	324	Bucknell University	USA	NA	HE	327	25.69	54.43	▲ 1.71
1806	132	9	Lviv Polytechnical State University	UKR	EE	HE	327	55.05	27.22	◆ 0.37
1807	570	80	Medical Research Council	GBR	WE	HL	326	47.85	81.29	● 2.72
1808	526	192	Shandong Institute of Light Industry	CHN	AS	HE	326	8.90	27.91	◆ 0.61
1809	372	325	Saint Louis University	USA	NA	HE	325	29.54	61.54	▲ 1.26
1810	373	326	California Polytechnic State University, San Luis Obispo	USA	NA	HE	325	19.69	47.08	◆ 0.90
1811	571	43	Celal Bayar University	TUR	WE	HE	324	25.31	37.35	◆ 0.83
1812	88	13	Comision de Investigaciones Cientificas	ARG	LA	GO	324	38.27	46.30	◆ 0.82
1813	527	6	National University of Science and Technology	PAK	AS	HE	324	53.09	20.99	◆ 0.71
1814	55	8	Ariel University Center of Samaria	ISR	ME	HE	324	26.23	51.54	◆ 0.71
1815	374	327	University of Massachusetts, Boston	USA	NA	HE	323	30.34	61.61	▲ 1.21
1816	572	102	Deutsche Forschungszentrum fur Kunstliche Intelligenz	DEU	WE	GO	323	28.17	7.12	▲ 1.06
1817	44	35	University of Southern Queensland	AUS	OC	HE	323	30.65	46.13	◆ 0.90
1818	528	43	Providence University	TWN	AS	HE	323	12.69	26.93	◆ 0.84
1819	133	35	Novosibirsk State Technical University	RUS	EE	HE	323	19.20	14.24	◆ 0.28
1820	375	328	Medical College of Wisconsin	USA	NA	HE	322	19.88	75.16	▲ 1.36
1821	376	48	Health Canada	CAN	NA	HL	321	28.97	73.52	▲ 1.57
1822	45	36	Central Queensland University	AUS	OC	HE	321	26.79	37.69	▲ 1.53
1823	377	329	City University of New York, Brooklyn College	USA	NA	HE	321	38.94	39.56	◆ 0.86
1824	573	103	Universitat zu Lubeck	DEU	WE	HE	320	39.38	42.81	▲ 1.23
1825	378	330	Rowan University	USA	NA	HE	319	26.65	42.01	▲ 1.36
1826	529	44	Chaoyang University of Technology	TWN	AS	HE	318	5.03	32.39	◆ 0.94
1827	530	10	Suranaree University of Technology	THA	AS	HE	318	43.40	44.03	◆ 0.90
1828	574	44	Afyon Kocatepe University	TUR	WE	HE	318	11.01	35.85	◆ 0.60
1829	379	331	F. Hoffmann-La Roche, Ltd.	USA	NA	PR	317	20.50	69.72	▲ 1.56
1830	575	57	Universidad Pablo de Olavide	ESP	WE	HE	317	35.33	54.57	▲ 1.21
1831	134	34	Pedagogical University of Cracow	POL	EE	HE	317	46.06	46.06	◆ 0.98
1832	380	332	University of North Dakota	USA	NA	HE	317	18.93	53.94	◆ 0.89
1833	531	129	Tokyo University of Pharmacy and Life Science	JPN	AS	HE	317	14.20	46.37	◆ 0.85
1834	532	130	Hiroshima City University	JPN	AS	HE	317	6.62	19.56	◆ 0.50
1835	26	2	Obafemi Awolowo University	NGA	AF	HE	317	29.34	27.76	◆ 0.40
1836	576	81	Oxford Brookes University	GBR	WE	HE	316	30.70	44.62	▲ 1.24
1837	381	333	U.S. Department of Health & Human Services	USA	NA	HL	315	27.62	80.95	▲ 1.69
1838	382	334	Western Kentucky University	USA	NA	HE	315	28.25	48.89	▲ 1.13
1839	27	5	Ecole Superieure Privee d'Ingenierie et de Technologie	TUN	AF	HE	315	53.97	40.95	◆ 0.95
1840	383	335	California State University, Fullerton	USA	NA	HE	313	31.95	56.55	◆ 0.90
1841	577	104	Leibniz Institut fur Gewasserokologie und Binnenfischerei	DEU	WE	GO	312	46.79	68.59	▲ 1.34
1842	384	336	James Madison University	USA	NA	HE	312	38.14	47.12	▲ 1.20
1843	56	23	Payame Noor University	IRN	ME	HE	312	19.23	21.47	▲ 1.16
1844	578	45	Harran University	TUR	WE	HE	311	19.29	34.73	▲ 1.10

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1845	89	17	Colegio de Postgraduados	MEX	LA	GO	311	23.47	8.36	0.25
1846	28	6	Universite Aboubakr Belkaid de Tlemcen	DZA	AF	HE	309	61.81	37.22	0.58
1847	579	82	University of Westminster	GBR	WE	HE	308	37.99	24.68	0.86
1848	533	68	Punjabi University	IND	AS	HE	308	5.19	24.03	0.65
1849	135	6	University of Zilina	SVK	EE	HE	308	30.84	13.64	0.36
1850	580	15	AstraZeneca R&D	SWE	WE	PR	305	43.28	80.00	1.65
1851	534	193	Tsinghua National Laboratory for Information Science and Technology	CHN	AS	GO	304	14.14	27.30	0.86
1852	385	337	Georgia Southern University	USA	NA	HE	303	46.86	41.58	0.82
1853	581	76	Institut Curie	FRA	WE	HL	302	43.38	80.46	1.48
1854	582	26	NXP Semiconductors	NLD	WE	PR	301	45.51	64.12	2.02
1855	386	338	University of California, Merced	USA	NA	HE	301	34.22	68.44	1.36
1856	387	339	MITRE Corporation	USA	NA	PR	300	5.33	13.33	0.70
1857	136	13	Technical University of Liberec	CZE	EE	HE	300	40.00	35.67	0.68
1858	583	16	Högskolan i Kalmar	SWE	WE	HE	299	47.16	73.58	1.48
1859	584	17	Växjö Universitet	SWE	WE	HE	299	34.11	30.77	0.85
1860	137	35	University of Technology and Life Sciences	POL	EE	HE	298	22.82	32.21	0.59
1861	57	24	Urmia University	IRN	ME	HE	297	17.85	22.56	0.71
1862	388	340	Pennsylvania State University, College of Medicine	USA	NA	HE	296	14.86	61.82	1.63
1863	535	69	Kakatiya University	IND	AS	HE	296	4.05	6.42	0.39
1864	389	341	South Dakota State University	USA	NA	HE	295	24.41	45.08	1.14
1865	536	11	Khon Kaen University	THA	AS	HE	295	55.25	40.34	1.11
1866	138	7	Semmelweis University	HUN	EE	HE	295	44.41	47.80	1.02
1867	585	15	Finnish Institute Occupational Health	FIN	WE	GO	295	44.07	47.46	0.95
1868	586	105	Helmut Schmidt Universitat - Universitat der Bundeswehr Hamburg	DEU	WE	HE	295	14.24	31.86	0.83
1869	29	13	Tshwane University of Technology	ZAF	AF	HE	294	28.91	27.55	0.52
1870	537	2	University of Dhaka	BGD	AS	HE	293	63.82	40.61	1.50
1871	587	77	Electricite de France, S.A.	FRA	WE	PR	293	26.28	35.49	0.88
1872	58	9	Chaim Sheba Medical Center	ISR	ME	HL	292	18.15	21.23	1.13
1873	588	78	Total	FRA	WE	PR	292	33.56	33.56	0.74
1874	59	25	Zanjan University	IRN	ME	HE	290	30.34	20.00	0.68
1875	538	70	Gauhati University	IND	AS	HE	290	7.24	22.07	0.66
1876	589	46	TOBB Economics and Technology University	TUR	WE	HE	288	36.81	31.94	1.41
1877	46	37	Charles Darwin University	AUS	OC	HE	288	36.11	66.67	1.13
1878	60	26	University of Sistan and Baluchestan	IRN	ME	HE	288	16.67	23.61	0.78
1879	90	39	Universidade Estadual de Londrina	BRA	LA	HE	288	14.93	35.76	0.57
1880	539	71	Pondicherry University	IND	AS	HE	287	26.13	40.07	0.68
1881	540	72	Gulbarga University	IND	AS	HE	286	12.24	28.32	0.83
1882	541	73	Birla Institute of Technology	IND	AS	HE	286	17.48	27.97	0.76
1883	91	14	Universidad Nacional del Centro de la Provincia de Buenos Aires	ARG	LA	HE	286	35.31	38.11	0.64
1884	92	1	University of the West Indies, St. Augustine Campus	TTO	LA	HE	286	51.75	38.81	0.55
1885	542	194	Dalian University	CHN	AS	HE	285	11.23	17.54	0.67
1886	47	10	AgResearch Ltd.	NZL	OC	GO	284	45.42	56.34	1.22
1887	590	79	Alcatel Thales III-V Lab, G.I.E.	FRA	WE	PR	282	38.30	55.32	1.10
1888	61	27	Islamic Azad University, Science and Research Branch, Tehran	IRN	ME	HE	282	7.45	26.95	0.92
1889	591	14	International Institute for Applied Systems Analysis	AUT	WE	GO	281	85.77	66.19	1.97
1890	93	15	Universidad Nacional del Comahue	ARG	LA	HE	281	40.93	49.82	0.95
1891	139	4	University of Rijeka	HRV	EE	HE	280	31.43	23.57	0.63
1892	94	18	Universidad Autonoma del Estado de Mexico	MEX	LA	HE	280	28.57	37.14	0.56
1893	592	17	Hygeia Hospital	GRC	WE	HL	277	37.55	46.93	1.08
1894	30	1	Addis Ababa University	ETH	AF	HE	277	75.45	51.99	1.05
1895	543	195	Changsha University of Science and Technology	CHN	AS	HE	277	8.30	24.91	0.65
1896	544	63	Keimyung University	KOR	AS	HE	276	18.84	34.78	0.64
1897	95	16	Universidad Nacional de Rio Cuarto	ARG	LA	HE	275	33.82	54.18	0.90
1898	545	74	VIT University	IND	AS	HE	275	23.27	31.64	0.72
1899	546	3	Rajshahi University	BGD	AS	HE	275	47.64	30.91	0.49

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
1900	96	19	Universidad Autonoma del Estado de Hidalgo	MEX	LA	HE	274	34.31	40.15	◆ 0.63
1901	593	83	University of Central Lancashire	GBR	WE	HE	273	69.23	73.26	▲ 1.02
1902	594	84	The University of Huddersfield	GBR	WE	HE	273	30.40	55.31	◆ 0.98
1903	595	47	Trakya University	TUR	WE	HE	273	10.62	26.37	◆ 0.79
1904	140	12	Ovidius University	ROU	EE	HE	273	36.63	15.75	◆ 0.43
1905	390	342	Santa Fe Institute	USA	NA	HE	272	63.24	77.94	● 2.13
1906	97	5	Universidad Industrial de Santander	COL	LA	HE	272	48.90	36.76	◆ 0.72
1907	596	58	Universitat Ramon Llull	ESP	WE	HE	271	33.58	33.58	◆ 0.75
1908	98	40	Universidade Tecnologica Federal do Parana	BRA	LA	HE	270	27.78	26.30	◆ 0.61
1909	597	7	Roskilde University	DNK	WE	HE	269	36.06	50.56	▲ 1.20
1910	598	59	Universidad de Leon	ESP	WE	HE	269	31.97	49.07	◆ 0.99
1911	599	85	London South Bank University	GBR	WE	HE	269	45.35	43.87	◆ 0.99
1912	547	7	International Islamic University Malaysia	MYS	AS	HE	269	33.09	27.14	◆ 0.54
1913	99	17	Universidad Tecnologica Nacional	ARG	LA	HE	268	27.24	52.24	▲ 1.10
1914	600	18	ABB Corporate Research Center	SWE	WE	PR	268	39.93	25.37	◆ 0.89
1915	601	86	Institute of Cancer Research	GBR	WE	HL	267	35.96	73.78	▲ 1.39
1916	391	343	University of Alabama	USA	NA	HE	267	26.22	40.45	▲ 1.24
1917	548	64	Hallym University	KOR	AS	HE	267	30.71	36.33	◆ 0.82
1918	392	344	University of Tennessee Health Science Center	USA	NA	HL	266	25.94	66.92	▲ 1.20
1919	100	41	Conselho Nacional de Desenvolvimento Cientifico e Tecnologico	BRA	LA	GO	264	12.12	18.18	◆ 0.94
1920	549	196	Shanghai Maritime University	CHN	AS	HE	264	8.71	7.95	◆ 0.45
1921	393	345	University of Massachusetts, Medical School at Worcester	USA	NA	HE	262	25.57	66.41	● 1.77
1922	141	14	Mendel University in Brno	CZE	EE	HE	262	20.99	41.98	▲ 1.26
1923	394	346	California State University, Los Angeles	USA	NA	HE	262	33.21	60.69	◆ 0.92
1924	142	36	Medical University of Silesia	POL	EE	HE	262	11.07	31.30	◆ 0.49
1925	602	68	Universita degli Studi di Napoli Parthenope	ITA	WE	HE	261	18.77	41.00	▲ 1.23
1926	101	42	Pontificia Universidade Catolica do Parana	BRA	LA	HE	261	30.27	18.39	◆ 0.91
1927	550	65	Soonchunhyang University	KOR	AS	HE	260	22.69	37.31	◆ 0.94
1928	551	8	MARA University of Technology	MYS	AS	HE	260	17.31	24.62	◆ 0.69
1929	603	106	Helmholtz Zentrum fur Infektionsforschung	DEU	WE	GO	259	40.93	77.22	● 1.83
1930	552	75	National Institute of Technology Karnataka	IND	AS	HE	259	13.13	30.50	◆ 0.68
1931	143	13	Transilvania University of Brasov	ROU	EE	HE	259	41.31	22.39	◆ 0.67
1932	102	5	Universidad del Zulia	VEN	LA	HE	259	40.54	32.43	◆ 0.46
1933	48	11	Lincoln University	NZL	OC	HE	257	58.37	56.81	▲ 1.23
1934	553	131	Tokyo University of Agriculture	JPN	AS	HE	257	22.18	49.42	◆ 0.78
1935	554	7	University of Peshawar	PAK	AS	HE	257	26.46	19.07	◆ 0.48
1936	144	5	Josip Juraj Strossmayer University of Osijek	HRV	EE	HE	257	24.51	18.68	◆ 0.40
1937	604	87	University of London	GBR	WE	HE	256	45.31	55.47	▲ 1.59
1938	62	10	Hadassah Medical Center	ISR	ME	HL	256	23.44	39.45	▲ 1.10
1939	605	48	Yeditepe University	TUR	WE	HE	254	21.65	30.31	▲ 1.00
1940	606	88	Glasgow Caledonian University	GBR	WE	HE	253	33.60	36.76	◆ 0.99
1941	607	49	Abant Izzet Baysal University	TUR	WE	HE	253	14.62	42.29	◆ 0.70
1942	103	43	Universidade do Vale do Paraiba	BRA	LA	HE	253	22.92	42.29	◆ 0.67
1943	555	8	GO College University, Lahore	PAK	AS	HE	252	32.94	30.56	▲ 1.11
1944	31	14	University of South AF, Universiteit van Suid-Afrika	ZAF	AF	HE	252	42.06	28.17	◆ 0.69
1945	556	197	Taiyuan University of Science and Technology	CHN	AS	HE	251	1.99	8.76	◆ 0.40
1946	608	18	F. Hoffmann-La Roche, Ltd.	CHE	WE	PR	250	50.80	72.40	▲ 1.53
1947	104	44	Universidade Federal de Lavras	BRA	LA	HE	249	18.07	25.30	◆ 0.58
1948	557	132	Hoshi University	JPN	AS	HE	248	13.31	41.94	◆ 0.98
1949	395	347	Johns Hopkins Medicine	USA	NA	HL	247	22.67	70.45	▲ 1.47
1950	558	45	National Kaohsiung Marine University	TWN	AS	HE	247	10.12	50.20	▲ 1.27
1951	609	69	Universita degli Studi Magna Graecia di Catanzaro	ITA	WE	HE	246	24.80	52.44	▲ 1.20
1952	610	8	Institute of Marine Research	NOR	WE	GO	244	48.77	70.08	▲ 1.56
1953	105	20	Institutos Nacionales de Salud y Hospitales	MEX	LA	HL	244	37.30	49.59	▲ 1.27
1954	611	89	Guy's & Saint Thomas' NHS Foundation Trust	GBR	WE	GO	244	41.80	46.72	▲ 1.05
1955	396	348	University of Colorado, Colorado Springs	USA	NA	HE	244	23.77	46.31	◆ 0.90
1956	32	7	Universite d'Oran Es-Senia	DZA	AF	HE	243	65.43	32.92	◆ 0.44

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1957	559	76	Doctor Harisingh Gour Vishwavidyalaya	IND	AS	HE	243	5.35	17.70	0.37
1958	612	90	School of Pharmacy, University of London	GBR	WE	HE	242	47.11	72.31	2.13
1959	397	49	Sunnybrook Health Sciences Centre	CAN	NA	HL	242	28.10	75.21	1.36
1960	398	50	Atomic Energy of Canada Limited	CAN	NA	PR	242	28.51	28.93	1.05
1961	399	349	Fred Hutchinson Cancer Research Center	USA	NA	HL	241	23.24	89.21	2.12
1962	400	350	University of Texas Health Science Center at San Antonio	USA	NA	HE	241	27.39	71.78	1.51
1963	560	198	Harbin University of Science and Technology	CHN	AS	HE	241	4.15	15.35	0.26
1964	613	107	Leibniz Institut fur Katalyse	DEU	WE	GO	240	26.25	59.58	1.46
1965	561	199	Zhejiang Gongshang University	CHN	AS	HE	240	7.92	16.25	0.65
1966	562	200	Chinese Academy of Agricultural Sciences	CHN	AS	GO	240	25.83	20.00	0.61
1967	106	45	Universidade Federal de Pelotas	BRA	LA	HE	240	17.50	27.08	0.53
1968	107	2	Universidad Central Marta Abreu de Las Villas	CUB	LA	HE	239	69.46	48.95	1.46
1969	401	351	Creighton University	USA	NA	HE	238	41.18	44.54	1.80
1970	33	3	University of Lagos	NGA	AF	HE	238	26.05	20.17	0.52
1971	614	15	Medizinische Universitat Innsbruck	AUT	WE	HE	237	51.48	65.82	1.50
1972	615	70	Universita degli Studi del Molise	ITA	WE	HE	237	18.99	62.87	1.10
1973	402	352	College of Charleston	USA	NA	HE	237	26.16	52.32	0.98
1974	563	133	National Institute of Agrobiological Sciences	JPN	AS	GO	237	16.88	73.84	0.83
1975	564	201	Wuhan University of Science and Engineering	CHN	AS	HE	237	9.28	16.88	0.44
1976	63	14	The American University in Cairo	EGY	ME	HE	235	44.26	33.19	0.74
1977	616	8	National Public Health Institute	DNK	WE	HL	234	91.03	79.06	2.08
1978	617	60	Instituto Espanol de Oceanografia	ESP	WE	GO	234	39.32	75.21	1.51
1979	64	3	University of Sharjah	ARE	ME	HE	233	55.36	31.33	0.58
1980	618	80	Institut des Sciences et Industries du Vivant et de l'Environnement	FRA	WE	HE	232	34.05	66.38	1.40
1981	108	46	Universidade Federal de Sergipe	BRA	LA	HE	232	19.83	52.16	0.61
1982	565	77	Punjab Agricultural University	IND	AS	HE	232	11.21	15.95	0.46
1983	566	78	Jamia Hamdard	IND	AS	HE	231	16.45	16.88	0.51
1984	619	71	Istituti Ortopedici Rizzoli	ITA	WE	HL	230	28.70	60.43	1.01
1985	620	50	Mugla University	TUR	WE	HE	230	23.04	40.00	0.90
1986	109	1	Universidad de Costa Rica	CRI	LA	HE	229	75.98	50.22	1.01
1987	403	353	Ball State University	USA	NA	HE	229	29.26	35.81	0.60
1988	404	354	Marine Biological Laboratory	USA	NA	OT	228	41.23	85.09	1.97
1989	621	17	Instituto Nacional dos Recursos Biologicos	PRT	WE	GO	228	36.84	71.93	1.25
1990	567	202	Academy of Military Medical Sciences	CHN	AS	HL	228	4.82	31.58	0.40
1991	622	12	University Hospitals Leuven	BEL	WE	HL	227	32.60	55.51	1.64
1992	623	19	Malardalens Hogskola	SWE	WE	HE	226	26.11	29.65	1.29
1993	110	18	Universidad Nacional de San Martin	ARG	LA	HE	226	36.28	46.46	0.81
1994	49	38	University of Ballarat	AUS	OC	HE	226	42.92	17.26	0.44
1995	405	355	University of North Carolina, Greensboro	USA	NA	HE	225	25.78	40.44	0.84
1996	145	14	University Dunarea de Jos of Galati	ROU	EE	HE	225	36.89	20.00	0.65
1997	624	51	Fatih University	TUR	WE	HE	224	36.61	37.50	1.34
1998	111	47	Universidade Federal do ABC	BRA	LA	HE	224	41.52	61.61	1.08
1999	625	20	Karolinska University Hospital	SWE	WE	HL	222	45.95	65.32	1.37
2000	626	13	Royal Belgian Institute of Natural Sciences	BEL	WE	GO	222	57.66	52.25	0.99
2001	146	37	Medical University of Lublin	POL	EE	HE	222	7.21	36.49	0.48
2002	406	356	Beth Israel Deaconess Medical Center	USA	NA	HL	221	30.32	69.23	1.91
2003	407	357	University of Richmond	USA	NA	HE	221	45.25	48.42	1.42
2004	408	51	Hospital for Sick Children	CAN	NA	HL	221	38.46	74.66	1.37
2005	568	79	IBM India Research Laboratory	IND	AS	GO	221	52.94	37.56	1.22
2006	409	358	American University	USA	NA	HE	221	25.79	46.15	0.92
2007	34	1	Makerere University	UGA	AF	HE	220	56.82	27.73	0.42
2008	627	52	Mustafa Kemal University	TUR	WE	HE	219	19.18	31.51	0.76
2009	569	80	Thiagarajar College of Engineering	IND	AS	HE	219	8.68	17.81	0.66
2010	35	1	University of Zimbabwe	ZWE	AF	HE	219	66.21	25.11	0.62
2011	570	134	National Cardiovascular Center	JPN	AS	HL	218	18.81	37.61	1.02
2012	628	108	Medizinische Hochschule Hannover	DEU	WE	HE	217	25.81	55.30	1.30
2013	571	46	Chung Shan Medical University	TWN	AS	HE	216	9.72	63.43	0.98
2014	65	5	Jamiat Al-Malik Khalid	SAU	ME	HE	216	70.83	41.20	0.86

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2015	147	38	Warsaw University of Life Sciences	POL	EE	HE	216	30.09	28.70	◆ 0.55
2016	629	72	Institute for Scientific Interchange Foundation	ITA	WE	GO	215	63.72	73.49	▲ 1.69
2017	410	359	University of Nebraska Medical Center	USA	NA	HE	215	30.70	75.81	▲ 1.60
2018	572	203	China Medical University	CHN	AS	HE	215	18.14	25.58	◆ 0.45
2019	630	18	Informatics and Telematics Institute CERTH	GRC	WE	GO	213	44.13	44.13	▲ 1.33
2020	148	39	University of Agriculture in Krakow	POL	EE	HE	213	29.58	35.68	◆ 0.52
2021	631	19	Forschungsanstalt Agroscope Reckenholz-Tanikon Art	CHE	WE	GO	212	50.47	75.00	● 2.21
2022	411	360	University of Maryland Biotechnology Institute	USA	NA	GO	212	21.70	82.55	● 1.93
2023	66	28	Materials and Energy Research Centre	IRN	ME	GO	212	7.55	59.91	▲ 1.15
2024	632	109	Universität Koblenz-Landau, Campus Koblenz	DEU	WE	HE	212	33.96	28.30	▲ 1.12
2025	112	48	Universidade Federal do Maranhao	BRA	LA	HE	212	30.66	40.09	◆ 0.91
2026	67	29	Shahid Chamran University	IRN	ME	HE	212	19.34	21.70	◆ 0.50
2027	573	135	Tokyo Women's Medical University	JPN	AS	HE	211	12.32	59.24	▲ 1.13
2028	574	204	Chinese Center for Disease Control and Prevention	CHN	AS	HL	211	24.17	57.35	◆ 0.78
2029	633	9	National University of Ireland, Maynooth	IRL	WE	HE	210	59.05	46.67	▲ 1.43
2030	113	49	Universidade Federal de Mato Grosso do Sul	BRA	LA	HE	209	22.49	35.41	◆ 0.47
2031	634	81	Institut Pasteur	FRA	WE	HL	208	46.15	76.92	▲ 1.71
2032	68	11	Agricultural Research Organization	ISR	ME	GO	208	43.27	68.75	▲ 1.23
2033	635	110	Senckenberg Forschungsinstitut und Naturmuseum	DEU	WE	GO	208	52.40	48.08	◆ 0.77
2034	575	6	DSO National Laboratories	SGP	AS	PR	207	35.27	54.59	▲ 1.42
2035	412	361	RTI International	USA	NA	GO	207	9.18	62.32	▲ 1.38
2036	576	136	Teikyo University	JPN	AS	HE	206	16.02	44.17	◆ 0.75
2037	636	91	London School of Hygiene and Tropical Medicine	GBR	WE	HE	205	69.76	75.12	▲ 1.58
2038	577	205	Nanjing Medical University	CHN	AS	HE	205	13.66	36.59	◆ 0.41
2039	413	362	Novartis Institutes for Biomedical Research	USA	NA	PR	204	42.65	78.92	● 1.93
2040	637	19	University of Peloponnese	GRC	WE	HE	204	29.90	41.67	▲ 1.27
2041	578	7	Singapore Management University	SGP	AS	HE	204	71.08	41.67	▲ 1.26
2042	579	206	3rd Military Medical University	CHN	AS	HE	204	6.37	29.41	◆ 0.43
2043	638	61	Institut de Recerca Biomedica Barcelona	ESP	WE	HL	203	37.44	71.92	▲ 1.27
2044	639	92	Department for Environment, Food and Rural Affairs	GBR	WE	GO	203	40.89	78.33	▲ 1.13
2045	580	47	National Health Research Institutes	TWN	AS	HL	202	18.81	78.22	▲ 1.52
2046	414	363	Loyola University Chicago	USA	NA	HE	202	19.80	59.41	◆ 0.84
2047	149	8	Szent Istvan University	HUN	EE	HE	202	32.18	38.12	◆ 0.79
2048	581	81	International Institute of Information Technology	IND	AS	HE	202	24.26	13.37	◆ 0.72
2049	582	207	Henan Agricultural University	CHN	AS	HE	202	3.96	11.39	◆ 0.27
2050	415	364	Dana Farber Cancer Institute	USA	NA	HL	201	35.32	86.57	● 3.14
2051	416	365	Thomas Jefferson University	USA	NA	HE	201	26.37	65.67	▲ 1.69
2052	50	39	Royal Brisbane and Women's Hospital	AUS	OC	HL	201	66.17	44.28	◆ 0.98
2053	583	208	Harbin Medical University	CHN	AS	HE	201	17.91	22.89	◆ 0.42
2054	584	209	Northwest A and F University	CHN	AS	HE	200	15.50	16.00	◆ 0.42
2055	417	366	University of Rochester Medical Center	USA	NA	HL	199	26.63	70.85	● 1.90
2056	640	20	Università della Svizzera Italiana	CHE	WE	HE	199	66.33	24.62	● 1.82
2057	641	20	Academy of Athens	GRC	WE	GO	199	47.24	67.34	▲ 1.10
2058	642	18	Instituto Politécnico de Coimbra	PRT	WE	HE	199	40.70	42.21	▲ 1.00
2059	36	4	University of Benin	NGA	AF	HE	197	16.75	18.27	◆ 0.52
2060	418	367	City University of New York, John Jay College of Criminal Justice	USA	NA	HE	196	28.06	59.18	◆ 0.91
2061	150	40	Agricultural University of Poznan	POL	EE	HE	195	23.08	31.28	◆ 0.62
2062	419	368	University of Arkansas, Medical Sciences	USA	NA	HE	193	35.23	66.84	▲ 1.19
2063	420	369	Rush University	USA	NA	HE	193	45.60	58.55	▲ 1.09
2064	643	9	University of Stavanger	NOR	WE	HE	191	39.79	43.98	▲ 1.46
2065	585	137	Tohoku Pharmaceutical University	JPN	AS	HE	191	20.94	47.64	◆ 0.92
2066	421	370	Appalachian State University	USA	NA	HE	190	24.21	51.05	◆ 0.79
2067	644	93	The University of Wolverhampton	GBR	WE	HE	189	29.63	44.44	▲ 1.68
2068	586	138	Showa University	JPN	AS	HE	189	14.29	34.39	◆ 0.65
2069	422	371	Children's Hospital Boston	USA	NA	HL	188	32.98	70.21	● 2.62
2070	587	2	University of Indonesia	IDN	AS	HE	188	65.96	38.30	◆ 0.64
2071	37	15	Agricultural Research Council	ZAF	AF	GO	188	21.81	23.94	◆ 0.56
2072	151	41	Medical University of Warsaw	POL	EE	HE	188	18.09	35.64	◆ 0.52

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
2073	588	210	Xijing Hospital	CHN	AS	HL	188	6.38	18.62	◆ 0.39
2074	114	50	Instituto Nacional de Pesquisas da Amazonia	BRA	LA	GO	187	62.57	69.52	▲ 1.26
2075	115	10	Universidad de Talca	CHL	LA	HE	187	62.03	45.45	◆ 0.93
2076	645	21	University of Macedonia	GRC	WE	HE	187	17.11	16.58	◆ 0.85
2077	423	372	The Uniformed Services University of the Health Sciences	USA	NA	HE	186	38.17	53.76	▲ 1.31
2078	116	51	Universidade do Vale do Rio dos Sinos	BRA	LA	HE	186	19.89	43.01	◆ 0.89
2079	117	1	University of the West Indies, Mona Campus	JAM	LA	HE	186	58.06	38.71	◆ 0.73
2080	646	10	Oslo University Hospital	NOR	WE	HL	185	41.62	64.86	▲ 1.17
2081	589	211	The General Hospital of The Air Force PLA	CHN	AS	HL	185	3.78	2.70	◆ 0.12
2082	647	21	Centre Hospitalier Universitaire Vaudois	CHE	WE	HL	183	31.69	63.39	▲ 1.71
2083	118	21	Universidad Veracruzana	MEX	LA	HE	183	31.15	34.43	◆ 0.49
2084	51	12	Auckland University of Technology	NZL	OC	HE	182	29.12	29.12	◆ 0.87
2085	119	52	Universidade Federal de Sao Paulo	BRA	LA	HE	182	17.03	42.86	◆ 0.81
2086	590	9	University of Engineering and Technology, Lahore	PAK	AS	HE	182	44.51	23.63	◆ 0.51
2087	591	212	Beijing Forestry University	CHN	AS	HE	182	10.44	6.59	◆ 0.30
2088	120	53	Universidade Federal Rural do Rio de Janeiro	BRA	LA	HE	181	14.36	36.46	◆ 0.52
2089	648	19	Universidade dos Acores	PRT	WE	HE	180	61.11	66.67	▲ 1.19
2090	592	1	University of Peradeniya	LKA	AS	HE	180	66.11	40.00	◆ 0.94
2091	38	5	Federal University of Technology Akure	NGA	AF	HE	179	27.37	21.79	◆ 0.38
2092	121	11	Universidad de la Frontera	CHL	LA	HE	178	59.55	50.56	◆ 0.95
2093	122	54	Universidade Estadual de Ponta Grossa	BRA	LA	HE	178	18.54	42.13	◆ 0.52
2094	649	111	European Molecular Biology Laboratory Heidelberg	DEU	WE	GO	177	55.93	88.14	● 3.02
2095	123	19	Universidad Nacional de Cuyo	ARG	LA	HE	177	44.63	54.80	◆ 0.91
2096	39	1	University of Nairobi	KEN	AF	HE	177	55.93	37.29	◆ 0.54
2097	650	62	Instituto Nacional de Investigacion y Tecnologia Agraria y Alimentaria	ESP	WE	GO	176	24.43	69.32	▲ 1.20
2098	651	16	Universitat Klagenfurt	AUT	WE	HE	176	43.18	19.89	▲ 1.08
2099	124	55	Universidade Federal Rural de Pernambuco	BRA	LA	HE	176	19.32	37.50	◆ 0.72
2100	593	82	Indian Institute of Management	IND	AS	GO	176	40.91	27.27	◆ 0.56
2101	652	22	Hopitaux Universitaires de Geneve	CHE	WE	HL	175	56.00	57.71	▲ 1.63
2102	594	48	National Taiwan University Hospital	TWN	AS	HL	175	12.57	58.86	▲ 1.02
2103	653	53	Baskent University	TUR	WE	HE	175	14.29	33.71	◆ 0.55
2104	595	83	Govind Ballabh Pant University of Agriculture and Technology	IND	AS	HE	175	20.00	16.57	◆ 0.35
2105	654	21	Lund University Hospital	SWE	WE	HL	174	41.95	64.37	▲ 1.71
2106	655	63	Institut Municipal d'Investigacio Medica	ESP	WE	HL	173	56.65	86.71	● 1.89
2107	656	20	Universidade Catolica Portuguesa	PRT	WE	HE	173	37.57	58.38	▲ 1.03
2108	125	12	Universidad de Valparaiso	CHL	LA	HE	172	58.14	40.70	▲ 1.18
2109	424	373	East Tennessee State University	USA	NA	HE	172	41.86	59.88	◆ 0.98
2110	596	49	Taipei Veterans General Hospital	TWN	AS	HL	172	15.12	58.14	◆ 0.83
2111	597	213	Beijing Union University	CHN	AS	HE	172	9.88	8.72	◆ 0.31
2112	425	52	McGill University Health Centre	CAN	NA	HL	171	36.84	73.68	▲ 1.42
2113	598	10	University of Agriculture, Faisalabad	PAK	AS	HE	171	30.99	26.32	▲ 1.37
2114	52	40	Southern Cross University	AUS	OC	HE	170	34.71	47.06	▲ 1.13
2115	426	374	Fordham University	USA	NA	HE	170	31.76	47.06	◆ 0.95
2116	599	84	Bose Institute Kolkata	IND	AS	GO	170	35.88	42.94	◆ 0.77
2117	126	56	Instituto Agronomico Campinas	BRA	LA	GO	170	11.18	6.47	◆ 0.30
2118	127	13	Universidad Andres Bello	CHL	LA	HE	169	34.91	52.07	◆ 0.87
2119	152	42	Poznan University of Medical Sciences	POL	EE	HE	169	23.67	34.91	◆ 0.60
2120	600	214	First Affiliated Hospital of Xi'an Jiaotong University	CHN	AS	HL	169	1.18	2.37	◆ 0.14
2121	657	112	SAP AG	DEU	WE	PR	168	35.71	15.48	▲ 1.30
2122	128	57	Universidade Federal do Amazonas	BRA	LA	HE	168	29.17	39.88	◆ 0.98
2123	601	85	Motilal Nehru National Institute Of Technology	IND	AS	HE	166	13.86	30.12	◆ 0.92
2124	129	58	Universidade de Caxias do Sul	BRA	LA	HE	166	34.94	52.41	◆ 0.85
2125	602	50	National Taipei University	TWN	AS	HE	166	13.25	33.13	◆ 0.80
2126	53	41	South Australian Research and Development Institute	AUS	OC	GO	165	32.73	49.70	◆ 0.86
2127	130	22	Universidad Autonoma de Queretaro	MEX	LA	HE	165	27.27	35.15	◆ 0.72
2128	658	21	Instituto Politécnico de Bragança	PRT	WE	HE	163	25.77	60.12	▲ 1.39
2129	659	82	Universite Pantheon Sorbonne, Paris1	FRA	WE	HE	163	39.26	41.72	◆ 0.91

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
2130	660	22	Sahlgrenska University Hospital	SWE	WE	HL	161	34.16	72.05	2.26
2131	661	64	Universidad San Pablo CEU	ESP	WE	HE	161	37.27	60.25	0.92
2132	662	73	Mario Negri Istituto di Ricerche Farmacologiche	ITA	WE	GO	160	45.00	68.75	1.33
2133	427	375	Medical College of Georgia	USA	NA	HE	160	43.75	63.75	1.22
2134	603	66	Korea Food and Drug Administration	KOR	AS	GO	160	18.13	39.38	0.78
2135	663	17	Medizinische Universität Graz	AUT	WE	HE	159	49.06	47.80	1.45
2136	604	9	University of Technology Petronas	MYS	AS	HE	159	44.03	30.82	0.68
2137	153	43	Wroclaw Medical University	POL	EE	HE	159	25.79	37.11	0.51
2138	664	94	John Innes Center	GBR	WE	OT	158	56.33	70.89	1.46
2139	665	23	University Hospital Zurich	CHE	WE	HL	155	45.81	60.65	1.71
2140	428	376	World Bank	USA	NA	OT	155	50.97	41.29	0.78
2141	154	44	Medical University of Gdansk	POL	EE	HE	155	32.90	32.26	0.71
2142	429	53	Robarts Research Institute	CAN	NA	HL	154	21.43	61.69	1.35
2143	430	377	Louisiana State University, Health Sciences Center	USA	NA	HE	154	21.43	33.77	0.62
2144	431	378	St. Jude Children's Research Hospital	USA	NA	HL	153	29.41	75.82	1.47
2145	666	27	Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital	NLD	WE	HL	151	43.71	78.81	1.90
2146	667	54	Kafkas University	TUR	WE	HE	151	11.92	23.84	0.99
2147	69	30	Shahrood University of Technology	IRN	ME	HE	151	23.18	26.49	0.95
2148	155	45	University of Life Sciences in Lublin	POL	EE	HE	151	7.95	37.75	0.62
2149	605	86	Indian Council of Medical Research	IND	AS	HL	150	15.33	42.67	0.62
2150	131	59	Universidade Federal de Mato Grosso	BRA	LA	HE	150	32.00	31.33	0.58
2151	432	379	Burnham Institute for Medical Research	USA	NA	HL	149	41.61	81.21	2.12
2152	668	9	Novo Nordisk A/S	DNK	WE	PR	149	38.26	75.84	1.12
2153	433	380	Children's Hospital of Philadelphia	USA	NA	HL	148	20.27	72.97	1.26
2154	132	23	El Colegio de la Frontera Sur	MEX	LA	GO	148	50.00	58.78	0.75
2155	669	55	Adnan Menderes University	TUR	WE	HE	148	18.92	23.65	0.73
2156	70	6	King Faisal Specialist Hospital and Research Centre	SAU	ME	HL	148	50.68	32.43	0.70
2157	71	12	Soroka University Medical Center	ISR	ME	HL	147	20.41	23.81	1.68
2158	40	6	University of Agriculture, Abeokuta	NGA	AF	HE	147	22.45	27.89	0.40
2159	670	95	The Royal Marsden Hospital	GBR	WE	HL	146	39.04	72.60	1.27
2160	133	24	Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias	MEX	LA	GO	146	38.36	16.44	0.36
2161	156	46	Medical University of Lodz	POL	EE	HE	145	26.21	42.07	0.77
2162	671	10	National Research Centre for the Working Environment	DNK	WE	GO	144	30.56	58.33	2.59
2163	672	83	Assistance Publique Hopitaux de Paris Groupe Hospitalier Pitie-Salpetriere	FRA	WE	HL	144	31.94	49.31	2.01
2164	434	381	University of Wisconsin Health	USA	NA	HL	144	35.42	61.81	2.01
2165	673	96	Cambridge University Hospitals NHS Foundation Trust	GBR	WE	HL	143	41.26	63.64	1.89
2166	674	28	Plant Research International	NLD	WE	GO	142	53.52	73.94	1.81
2167	435	382	University Hospitals of Cleveland	USA	NA	HL	141	17.02	68.09	1.19
2168	606	139	Hokkaido University of Health Sciences	JPN	AS	HE	141	15.60	39.01	0.68
2169	436	383	Novartis Pharma SA, East Hanover	USA	NA	PR	140	15.71	47.86	0.88
2170	675	14	Ghent University Hospital	BEL	WE	HL	139	40.29	64.75	1.26
2171	607	10	University Malaysia Sabah	MYS	AS	HE	139	41.73	36.69	0.83
2172	608	87	Manipal University	IND	AS	HE	139	21.58	24.46	0.66
2173	676	97	Zoological Society of London	GBR	WE	OT	138	67.39	83.33	1.58
2174	134	60	Universidade Estadual de Santa Cruz	BRA	LA	HE	137	43.07	51.82	0.69
2175	437	384	Henry Ford Hospital	USA	NA	HL	136	43.38	64.71	1.15
2176	609	11	Tenaga Nasional University	MYS	AS	HE	136	27.94	30.15	0.55
2177	157	47	Wroclaw University of Environmental and Life Sciences	POL	EE	HE	136	16.18	36.76	0.53
2178	677	98	Scottish Crop Research Institute	GBR	WE	GO	135	53.33	69.63	1.58
2179	158	15	Czech University of Life Sciences Prague	CZE	EE	HE	135	15.56	30.37	0.83
2180	41	7	University of Nigeria	NGA	AF	HE	135	30.37	27.41	0.44
2181	678	65	Institut de Recerca i Tecnologia Agroalimentaries Barcelona	ESP	WE	GO	134	38.81	59.70	1.18
2182	679	66	Barcelona Supercomputing Center	ESP	WE	GO	133	46.62	51.88	1.42
2183	680	24	Universitätsklinikum Basel	CHE	WE	HL	133	45.86	69.92	1.41
2184	438	385	Roswell Park Cancer Institute	USA	NA	HL	133	23.31	75.94	1.22

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2185	135	25	Universidad Autonoma de Yucatan	MEX	LA	HE	133	30.08	41.35	0.65
2186	159	36	Siberian Federal University	RUS	EE	HE	133	25.56	25.56	0.36
2187	439	386	New York Medical College	USA	NA	HE	132	40.91	67.42	1.42
2188	610	12	Monash University	MYS	AS	HE	132	58.33	25.00	0.76
2189	681	99	Leeds Metropolitan University	GBR	WE	HE	132	30.30	21.21	0.66
2190	682	29	Academic Hospital Maastricht	NLD	WE	HL	130	41.54	65.38	1.91
2191	683	25	University of St.Gallen	CHE	WE	HE	130	33.85	16.15	1.56
2192	160	16	University of Veterinary and Pharmaceutical Sciences Brno	CZE	EE	HE	129	29.46	32.56	0.98
2193	440	387	Baruch College, City University of New York	USA	NA	HE	129	24.03	41.86	0.86
2194	611	215	Fujian Medical University	CHN	AS	HE	128	7.81	27.34	1.13
2195	684	22	Instituto Superior de Ciências do Trabalho e da Empresa	PRT	WE	HE	128	22.66	27.34	0.80
2196	441	388	Penn State Milton S. Hershey Medical Center	USA	NA	HL	127	13.39	51.18	1.83
2197	685	67	Centro de Investigacion Biomedica en Red en Bioingenieria, Biomateriales y Nanomedicina	ESP	WE	HL	127	40.94	62.99	1.33
2198	612	216	National Engineering Research Center for Information Technology in Agriculture	CHN	AS	OT	127	4.72	10.24	0.39
2199	42	8	Ahmadu Bello University	NGA	AF	HE	127	14.17	18.11	0.33
2200	136	20	Instituto Nacional de Tecnologia Agropecuaria	ARG	LA	GO	126	38.10	44.44	0.64
2201	43	16	University of Limpopo	ZAF	AF	HE	126	34.92	25.40	0.59
2202	161	5	Medical University of Sofia	BGR	EE	HE	126	40.48	28.57	0.42
2203	442	389	Cedars-Sinai Medical Center	USA	NA	HL	125	22.40	70.40	2.65
2204	686	11	RigsHospitalet	DNK	WE	HL	124	38.71	70.16	1.83
2205	443	390	University of Virginia Health System	USA	NA	HL	124	11.29	41.94	0.84
2206	687	74	Azienda Ospedaliero Universitaria Policlinico Sant'Orsola Malpighi	ITA	WE	HL	124	29.84	54.84	0.81
2207	613	51	National Defense Medical Center	TWN	AS	HL	124	19.35	54.84	0.79
2208	137	61	Universidade do Estado de Santa Catarina	BRA	LA	HE	124	25.81	33.06	0.78
2209	614	52	Asia University, Taiwan	TWN	AS	HE	124	16.13	29.84	0.72
2210	444	391	Barnard College	USA	NA	HE	123	40.65	65.85	1.49
2211	615	140	University of Occupational and Environmental Health	JPN	AS	HE	123	29.27	37.40	0.88
2212	445	392	Indiana University/Purdue University at Fort Wayne	USA	NA	HE	123	19.51	30.89	0.49
2213	446	393	Fox Chase Cancer Center	USA	NA	HL	122	23.77	81.15	1.23
2214	138	6	Universidad de Carabobo	VEN	LA	HE	122	41.80	40.16	0.69
2215	72	13	Tel Aviv Sourasky Medical Center	ISR	ME	HL	122	11.48	11.48	0.65
2216	73	14	Rabin Medical Center	ISR	ME	HL	121	5.79	10.74	1.03
2217	688	16	Helsinki University Central Hospital	FIN	WE	HL	121	34.71	60.33	1.02
2218	689	23	Instituto Politécnico de Leiria	PRT	WE	HE	121	33.06	32.23	0.64
2219	616	217	WuHan Union Hospital	CHN	AS	HL	121	3.31	22.31	0.33
2220	690	30	Top Institute Food and Nutrition	NLD	WE	GO	120	32.50	86.67	1.54
2221	691	23	Hogskola i Skovde	SWE	WE	HE	120	28.33	31.67	1.50
2222	692	100	Sheffield Teaching Hospitals NHS Trust	GBR	WE	HL	120	38.33	63.33	1.27
2223	139	62	Universidade Estadual de Feira de Santana	BRA	LA	HE	120	25.83	53.33	1.12
2224	617	12	Silpakorn University	THA	AS	HE	120	41.67	48.33	1.01
2225	618	88	All India Institute of Medical Sciences	IND	AS	HE	120	20.00	48.33	0.82
2226	74	7	King Faisal University	SAU	ME	HE	120	53.33	21.67	0.68
2227	693	75	Universita degli Studi di Teramo	ITA	WE	HE	119	51.26	67.23	1.43
2228	694	76	Universita degli Studi di Foggia	ITA	WE	HE	118	25.42	54.24	1.06
2229	619	89	Guru Gobind Singh Indraprastha University	IND	AS	HE	118	11.02	37.29	0.69
2230	447	394	Harvard Medical School	USA	NA	HL	117	33.33	75.21	2.15
2231	695	101	Cancer Research UK	GBR	WE	HL	117	32.48	80.34	1.90
2232	696	18	Veterinarmedizinische Universitat Wien	AUT	WE	HE	117	54.70	62.39	0.97
2233	448	395	Ohio State University, Wooster	USA	NA	HE	116	40.52	49.14	1.13
2234	75	31	Shahid Beheshti University of Medical Sciences and Health Services	IRN	ME	HE	116	12.93	38.79	0.72
2235	620	53	Fu Jen Catholic University	TWN	AS	HE	115	26.96	54.78	0.99
2236	449	54	British Columbia Cancer Agency	CAN	NA	HL	114	24.56	69.30	1.53
2237	621	90	Sree Chitra Tirunal Institute for Medical Sciences and Technology	IND	AS	HE	114	16.67	53.51	0.67

WR	RR	CR	Institution	Country	Region	Sector	Output	IC(%)	Q1(%)	NI
2238	697	11	Norwegian Institute of Public Health	NOR	WE	HL	113	38.94	69.03	● 2.23
2239	698	24	Jönköping University College of Health Sciences	SWE	WE	HE	113	23.89	20.35	▲ 1.04
2240	622	141	Kyoto Prefectural University	JPN	AS	HE	113	16.81	63.72	◆ 0.62
2241	44	1	University of Ghana	GHA	AF	HE	113	65.49	30.97	◆ 0.60
2242	623	218	West China Hospital	CHN	AS	HL	113	4.42	18.58	◆ 0.24
2243	450	55	Centre Hospitalier Universitaire de Quebec	CAN	NA	HL	112	33.04	75.89	▲ 1.31
2244	699	77	Universita Campus Bio-Medico di Roma	ITA	WE	HE	112	33.04	38.39	▲ 1.29
2245	76	32	Shiraz University of Medical Sciences	IRN	ME	HE	111	9.91	45.95	▲ 1.28
2246	77	15	Rambam Medical Center	ISR	ME	HL	111	6.31	19.82	▲ 1.21
2247	451	396	Nova Southeastern University	USA	NA	HE	111	21.62	44.14	▲ 1.09
2248	624	142	Iwate Medical University	JPN	AS	HE	111	25.23	24.32	◆ 0.90
2249	700	102	Imperial College Healthcare NHS Trust	GBR	WE	GO	110	27.27	67.27	● 1.89
2250	452	397	Cincinnati Childrens Hospital Medical Center	USA	NA	HL	109	26.61	55.96	● 2.13
2251	625	143	Juntendo University	JPN	AS	HE	109	10.09	38.53	◆ 0.86
2252	45	17	University of Fort Hare	ZAF	AF	HE	109	41.28	36.70	◆ 0.77
2253	626	54	Taichung Veterans General Hospital	TWN	AS	HL	109	14.68	49.54	◆ 0.67
2254	701	26	World Health Organization	CHE	WE	HL	106	82.08	75.47	▲ 1.56
2255	453	398	University of Kansas Medical Center	USA	NA	HE	106	22.64	66.04	▲ 1.18
2256	702	78	Azienda Sanitaria Ulss 6 Vicenza	ITA	WE	HL	106	36.79	21.70	▲ 1.10
2257	627	219	Second Hospital of Xi'an Jiaotong University	CHN	AS	HL	106	0.94	3.77	◆ 0.07
2258	703	79	Istituto Nazionale per la Ricerca sul Cancro IRCCS	ITA	WE	HL	105	45.71	66.67	● 2.30
2259	54	42	Royal Melbourne Hospital	AUS	OC	HL	105	28.57	79.05	▲ 1.66
2260	704	10	Irish Agriculture and Food Development Authority	IRL	WE	GO	105	48.57	74.29	▲ 1.24
2261	705	103	Oxford Radcliffe Hospitals NHS Trust	GBR	WE	HL	105	36.19	56.19	▲ 1.10
2262	706	104	Goldsmiths, University of London	GBR	WE	HE	105	34.29	19.05	▲ 1.08
2263	162	15	Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca	ROU	EE	HE	105	22.86	13.33	◆ 0.49
2264	140	63	Universidade Federal do Piaui	BRA	LA	HE	104	16.35	37.50	◆ 0.71
2265	78	33	Tabriz University of Medical Sciences	IRN	ME	HE	104	39.42	33.65	◆ 0.69
2266	707	68	Centro de Investigacion Principe Felipe	ESP	WE	HL	103	32.04	81.55	● 1.85
2267	708	27	Swiss Tropical Institute	CHE	WE	HL	103	91.26	75.73	▲ 1.44
2268	628	11	University of Sargodha	PAK	AS	HE	103	26.21	17.48	▲ 1.35
2269	629	144	Obihiro University of Agriculture and Veterinary Medicine	JPN	AS	HE	103	26.21	65.05	◆ 0.98
2270	709	105	Newcastle upon Tyne Hospitals NHS Foundation Trust	GBR	WE	HL	101	39.60	40.59	◆ 0.72
2271	163	16	Carol Davila University of Medicine and Pharmacy	ROU	EE	HE	101	18.81	8.91	◆ 0.57
2272	454	399	Institute for Systems Biology	USA	NA	HL	100	51.00	85.00	● 3.37
2273	710	84	Hospices Civils de Lyon	FRA	WE	HL	100	20.00	48.00	▲ 1.15
2274	455	400	Loma Linda University	USA	NA	HE	100	38.00	53.00	▲ 1.06
2275	711	85	Universite Lille 2 Droit et Sante	FRA	WE	HE	100	33.00	52.00	◆ 0.94
2276	456	401	Louisiana State University Agricultural Center	USA	NA	GO	100	12.00	34.00	◆ 0.60
2277	630	220	Tianjin Medical University	CHN	AS	HE	100	15.00	23.00	◆ 0.43