

QS WORLD UNIVERSITY RANKINGS BY SUBJECT

2018

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Great teaching can change the world for the better. University of Newcastle Laureate Professor Jennifer Gore believes that all teachers are capable of greatness. With the right support they can make a profound and positive impact on the lives of their students. Working with colleagues, Jennifer developed the landmark Quality Teaching (QT) model and Quality Teaching Rounds (QTR) approach to teacher development. QT gives teachers the conceptual support they need to create compelling experiences for their students, placing them on the path to fulfilling careers and lives. QTR focuses on teacher collaboration - working to refine and develop methods that inspire and empower ongoing improvement. The celebrated approach is now being used in schools throughout Australia with excellent results and is generating wide interest globally. Jennifer's work brings new opportunities to students and teachers.

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The University of Newcastle is a research-intensive University, ranked in the top 1% of universities worldwide¹. We are focused on improving the quality of life in our regions, across Australia and around the globe with academics, students and staff pursuing innovative solutions to the world's great challenges. **Learn more at newcastle.edu.au/subjectrankings**

OUR TOP PERFORMING SUBJECT RANKINGS FOR 2018:

TOP 100²

Anatomy
Architecture
Education
Mining Engineering
Nursing
Sport

TOP 150²

Civil Engineering
Medicine
Psychology
Sociology

TOP 200²

Agriculture
Chemical Engineering
Environmental Sciences
Geography
Pharmacy

¹QS World University Rankings Fact File 2018

²QS World University Rankings by Subject, 2018

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In a world of rapid technological and societal change, where opportunities transcend geographical boundaries and new technologies challenge established limits, thinking big is a must. The University of Nicosia is driving educational innovation in the Mediterranean, with exciting initiatives like our global leadership in digital currency/blockchain technology and growing centres of excellence in medicine and online education. We are very proud of our international community of students, alumni, faculty and staff... and applaud their efforts to **THINK BIG**.

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UNIVERSITY *of*
NICOSIA

QS World University Rankings by Subject: Welcome



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On behalf of the QS Intelligence Unit, welcome to the eighth edition of the *QS World University Rankings by Subject*. The subject rankings are evolutionary and iterative, and this year we have been able to add two new subjects to our extensive portfolio – *Classics & Ancient History* and *Library & Information Management*.

The additions represent a continuation of our ongoing effort to provide students worldwide with relevant comparative data about their prospective university course. In this spirit, no subjects have been omitted, and we now provide prospective undergraduates and postgraduates with data on 48 disciplines.

Every year we review our methodology, data collection methods, and analytical scope to ensure that the comparisons we provide are robust, rigorous, and relevant. This year was no different. Putting together these subject rankings is an Herculean task for the QS IU team: we have included over 14,000 departments in our subject tables,

having evaluated over 100,000 potential inclusions. We assessed the citations impact of over 22 million papers produced worldwide, with a cumulative citations count of almost 200 million. This endeavour has resulted in 1,130 institutions from 75 countries featuring in our final tables.

Feedback from students in surveys and focus groups has consistently proved testament to the singular value of subject rankings. They constitute a relevant source of information to help students to decide which institution is right for them, in accordance with their priorities and career aspirations. QS is extremely proud of the level of detail these rankings are able to offer, and we continue to do our utmost to ensure their reliability.

Institutions in the United States continue to dominate the top positions, but this year also sees an increase in the uppermost spots taken by universities in the United Kingdom – despite Brexit looming on the horizon – the Netherlands, and Italy. When we

examine the number of institutions featuring in the top ten, we also see Australian and Canadian institutions performing strongly: the Anglosphere remains in rude health. As Martin Ince elucidates in his typically insightful contribution, we have also seen a deceleration of Asia's seemingly-inexorable rankings rise.

We hope that this year's edition of the QS World University Rankings proves illuminative, insightful, and useful – whether you are a student, parent, academic, or study and career advisor. We welcome feedback from, or engagement with, any stakeholder seeking to contribute to the evolution of this enterprise.

QS World University Rankings by Subject: Overview



John O'Leary
Editor

The Times and Sunday Times Good University Guide and member of the QS Advisory Board

The new QS World University Rankings by Subject are the most stable that the company has produced, despite further growth both in the number of subjects covered and the range of universities represented.

Only four of the 46 subjects ranked last year have new leaders, and there is remarkable consistency across the academic spectrum among the global pace-setters. Approaching half of the universities ranked in the top ten for all subjects are from the United States, while more than a quarter (27%) are from the United Kingdom.

The rankings already represented by far the biggest and most comprehensive exercise of its kind. After this year's addition of *Classics and Ancient History* and *Library and Information Science*, they contain more than 14,000 individual placings in 48 distinct academic areas. A total of 1,130 universities and colleges from 75 countries were assessed for the new publication.

The scale of the exercise helps to explain the growing importance of subject rankings to international

students, who value the inclusion of specialist institutions and universities that may not yet compete at the highest levels across the board alongside the more familiar names.

The latest survey of prospective international students, carried out in 2017 by QS Solutions, found that the choice of subject was the starting point for more than half of the 128,000 respondents.

Ben Sowter, who is responsible for the rankings as Head of the QS Intelligence Unit, said: "We know that subject rankings are becoming more and more influential. The stability of this year's results means that students can be more confident than ever about their reliability, while also benefiting from data about the additional universities we have been able to include."

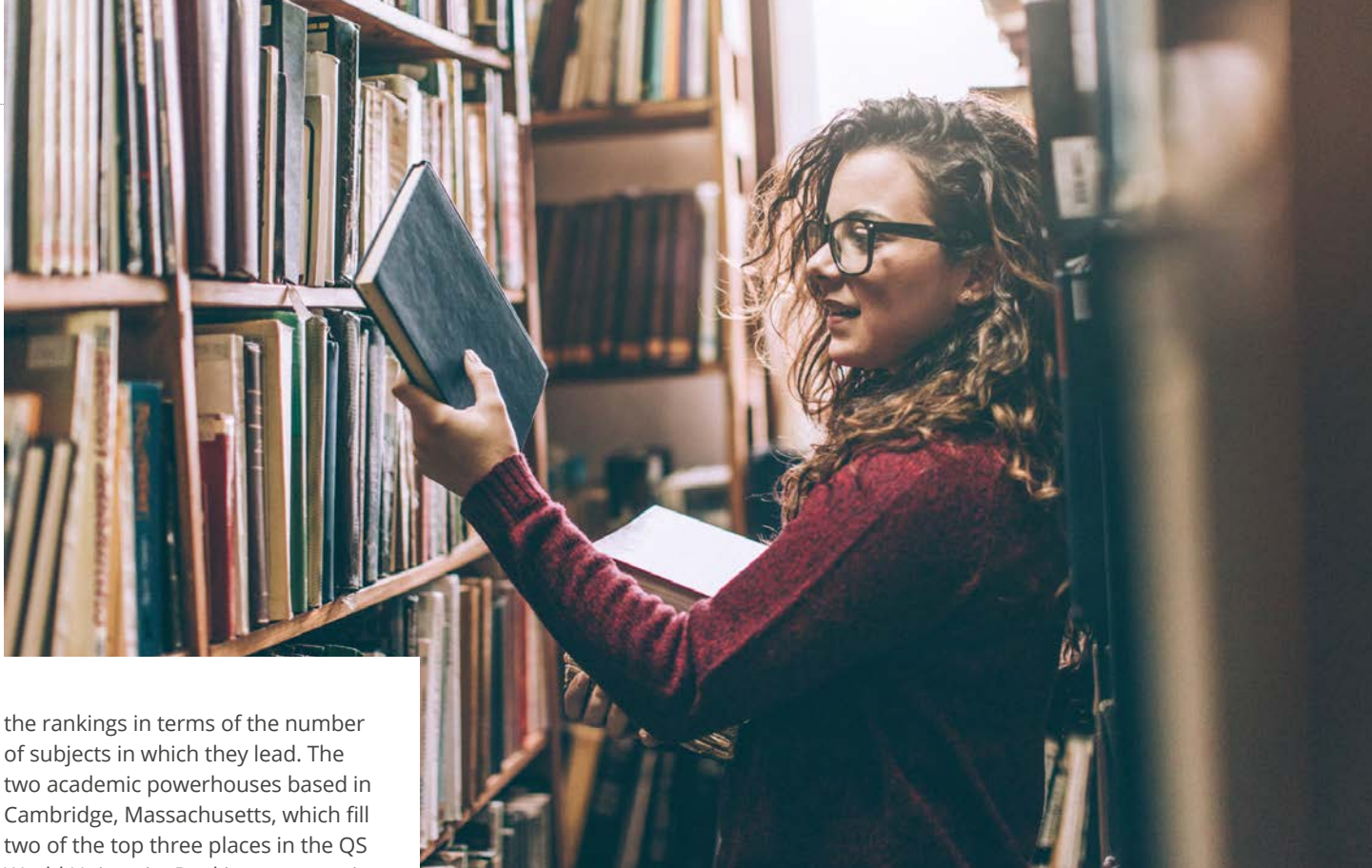
The record 48 subjects in the 2018-19 exercise include several that are not ranked internationally elsewhere. Published annually since 2011, the rankings are based on academic reputation, employer reputation and research impact. As in previous

years, the methodology varies with the subject, reflecting both differing priorities and the availability of data.

In *Classics and Ancient History*, for example, citations are neither as plentiful nor as important as they are in the sciences. Instead, with little more than 5,000 research papers indexed, international academic insight accounts for 90 per cent of an institution's final score. In *Materials Science*, by contrast, almost some 1.3 million papers were indexed for the new ranking. As a result, 25 per cent of the overall score is derived from citations and another 25 per cent from the h-index of a given faculty, measuring the impact of their research.

The number of institutions ranked also varies by subject, from only 50 in specialist fields such as *Mineral and Mining Engineering* to 500 in globally popular subjects such as *Chemistry* and *Physics*. Often, many more universities were assessed – more than 1,100 in both *Chemistry* and *Physics*, for example.

Harvard and the Massachusetts Institute of Technology (MIT) dominate



the rankings in terms of the number of subjects in which they lead. The two academic powerhouses based in Cambridge, Massachusetts, which fill two of the top three places in the QS World University Rankings, are top in more than half of the subjects covered in the latest rankings.

Harvard has added *Economics* to the subjects in which it leads, making 14 in all. MIT tops 12 rankings, including another near-clean sweep in engineering and technology. Only in *Mineral and Mining Engineering* – a subject that MIT does not offer – was there a different name (the Colorado School of Mines) at the top.

Oxford is the only other university to come top in more than one subject, leading in four, as well as in the composite ranking for the arts and humanities. However, another 19 universities and colleges lead in a single subject, illustrating the value of the rankings as a means of identifying centres of excellence around the globe.

Eight of those institutions are based in the United States and seven in the United Kingdom, while the others come from Hong Kong, the Netherlands, Italy and Switzerland. They include the universities of Sheffield and North Carolina, Chapel Hill, which tie for the lead in *Library and Information Science*, the only such result in the 48 subjects.

This year's other new subject, *Classics and Ancient History*, is dominated by European universities, which account

for the top five places and eight of the top ten. La Sapienza, in Rome, is just ahead of Oxford at the very top, with Cambridge and Ludwig-Maximilians-Universität München less than a point behind.

As in the overall QS World University Rankings, the US and UK are well ahead of other countries in most subjects. ETH Zurich is the only university in Continental Europe to top any of the rankings – *Earth and Marine Science* – while Hong Kong University's leadership in dentistry represents Asia's only top place. Teaching and publishing in English continues to confer significant advantages, with universities in Africa, Latin America and the Middle East absent from the top ten in all but one subject (the Universidad de Chile rises to eighth for *Mineral and Mining Engineering*).

The rankings contain growing numbers of specialist institutions that lack the disciplinary breadth necessary to feature in the main QS World University Rankings. The Juilliard School, in New York, continues to top the ranking for the *Performing Arts*, for example, while Wageningen University, in the Netherlands, does the same in *Agriculture and Forestry*.

This year's publication again includes five broad subject groupings. They show Oxford leading the way in the arts and humanities, followed by Cambridge and Harvard, while Harvard is supreme in the social sciences and management, a fraction of a point ahead of the London School of Economics. MIT heads the ranking for the natural sciences, as well as the one for engineering and technology, with Stanford and Cambridge completing the top three in both areas. Harvard remains well clear of Oxford and Cambridge in the life sciences.

However, it is the fine-grained detail which should make the eighth edition of the subject rankings invaluable to students. Last year's addition of more vocational subjects, such as *Hospitality and Leisure Management* and *Sports-related Subjects*, which are increasingly popular choices for higher education, broadened the scope of an exercise that is used extensively by universities and other stakeholders, as well as by those seeking guidance in the search for a course.

QS World University Rankings by Subject: Tables

Subject Area Arts & Humanities								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Oxford		99.6	97.1	94.6	100.0	98.6
2=	3	Harvard University		100.0	93.8	99.9	89.5	97.7
2=	2	University of Cambridge		99.6	97.5	91.8	92.2	97.7
4	4	University of California, Berkeley (UCB)		96.4	77.3	93.9	83.3	91.0
5	5	Stanford University		94.6	82.0	96.3	73.1	90.1
6	6	Yale University		94.6	76.9	93.7	77.6	89.3
7	7	Princeton University		92.7	75.4	92.2	88.1	88.7
8	11	The University of Tokyo		92.8	100.0	80.4	47.3	88.5
9	8	Columbia University		92.3	75.9	94.8	83.3	88.4
10	18=	UCL (University College London)		90.1	84.7	93.3	79.6	88.3
11	12	New York University (NYU)		93.0	72.3	91.8	81.5	87.6
12=	16	Massachusetts Institute of Technology (MIT)		87.5	90.6	98.9	67.7	87.3
12=	22	University of Edinburgh		91.5	80.3	87.8	75.4	87.3
14	9	University of California, Los Angeles (UCLA)		92.3	73.6	95.5	75.4	87.2
15	17	The University of Melbourne		89.6	90.3	88.5	64.6	87.1
16	10	Australian National University (ANU)		88.7	84.7	87.6	75.4	86.5
17	15	The University of Sydney		88.7	87.7	85.8	70.5	86.4
18=	21	National University of Singapore (NUS)		91.9	88.2	82.4	52.7	86.3
18=	13	University of Hong Kong (HKU)		91.4	86.1	85.0	57.2	86.3
20	14	London School of Economics and Political Science (LSE)		88.4	90.6	85.7	64.6	86.2
21	18=	University of Chicago		90.9	73.6	90.3	70.5	85.3
22	18=	University of Toronto		88.3	71.8	92.6	75.4	84.1
23	24	King's College London (KCL)		87.0	77.2	90.9	64.6	83.2
24	35	Humboldt-Universität zu Berlin		91.5	71.3	82.6	57.2	83.1
25	28	Seoul National University (SNU)		88.8	88.4	82.3	32.3	82.4
26	37	Freie Universität Berlin		90.5	72.2	80.8	52.7	82.1
27	36	The University of New South Wales (UNSW)		82.2	84.0	93.9	64.6	82.0
28	25	The University of Auckland		83.7	80.8	87.3	67.7	81.9
29	31	The Chinese University of Hong Kong (CUHK)		87.8	84.1	81.7	40.8	81.8
30	23	Peking University		86.7	89.8	84.7	32.3	81.7
31=	45=	Durham University		81.9	78.4	91.5	73.1	81.3
31=	26=	Kyoto University		85.4	95.7	77.3	32.3	81.3
33	38	The University of Warwick		81.8	77.8	87.7	77.6	81.2
34	33	University of Michigan		83.2	69.1	92.3	81.5	81.1
35	29=	University of British Columbia		85.6	68.1	92.5	67.7	81.0
36=	29=	National Taiwan University (NTU)		83.5	88.3	85.1	40.8	80.4
36=	39	SOAS - School of Oriental and African Studies, University of London		87.4	66.0	86.6	61.1	80.4
38	32	Cornell University		82.6	67.6	95.7	75.4	80.2
39	40	Monash University		81.0	86.7	84.6	57.2	80.1
40=	48	The University of Manchester		80.0	79.0	87.4	73.1	79.9
40=	34	University of Pennsylvania		82.2	68.6	95.4	73.1	79.9
42	49	Leiden University		87.4	60.6	89.4	61.1	79.6
43	43	McGill University		83.5	68.6	89.2	64.6	79.2
44	61=	University of St Andrews		80.5	72.5	89.5	73.1	79.1
45	45=	Waseda University		83.5	95.5	65.2	32.3	79.0
46	56	Ludwig-Maximilians-Universität München		84.2	67.7	87.0	61.1	78.9
47	41=	Brown University		80.7	70.0	89.6	73.1	78.7
48	47	University of Texas at Austin		82.5	64.3	87.6	73.1	78.4
49=	41=	Duke University		81.6	65.6	94.7	67.7	78.3
49=	53	University of Amsterdam		84.5	63.1	88.7	61.1	78.3

Subject Archaeology								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Oxford		98.4	99.1	89.0	100.0	97.7
2	2	University of Cambridge		100.0	100.0	80.7	92.1	97.3
3	3	UCL (University College London)		95.5	86.6	87.0	98.5	94.1
4	5	Harvard University		90.9	98.7	91.0	95.5	92.2
5	4	Durham University		92.5	85.1	88.4	97.0	91.8
6	6	University of California, Berkeley (UCB)		94.4	82.0	86.5	82.2	91.2
7	7	Stanford University		85.9	92.1	85.7	82.2	86.1
8	9	Leiden University		90.7	51.2	72.2	74.8	83.3
9	14	Sapienza - Università di Roma		86.1	80.0	70.3	74.8	82.8
10	16=	The University of Auckland		81.7	87.2	82.7	79.9	82.2
11	8	University of California, Los Angeles (UCLA)		82.0	80.7	83.3	79.9	81.8
12	11	University of York		82.4	64.3	83.9	92.1	81.7
13	10	Freie Universität Berlin		85.1	63.3	75.0	82.2	81.6
14	13	Australian National University (ANU)		78.2	84.5	89.4	93.8	81.5
15	18	Eberhard Karls Universität Tübingen		84.8	58.5	81.2	79.9	81.3
16	19	University of Pennsylvania		80.0	80.5	83.9	82.2	80.7
17	25	Aarhus University		77.6	67.0	92.3	93.8	79.6
18	21	University of Chicago		84.2	72.3	71.9	53.3	78.7
19	15	University of Texas at Austin		81.4	66.3	75.6	68.8	78.1
20	48	Columbia University		73.6	76.9	93.8	90.3	77.6
21=	30	University of Copenhagen		75.2	65.2	91.7	92.1	77.5
21=	12	University of Michigan		78.9	71.8	73.9	77.4	77.5
23	23	Université Paris 1 Panthéon-Sorbonne		79.4	72.9	70.9	71.9	77.2
24	24	University of Arizona		79.4	54.4	80.8	79.9	77.1
25=	22	The University of Sheffield		73.6	71.1	97.3	84.4	76.8
25=	26	Yale University		78.4	82.6	67.9	68.8	76.8
27	16=	Université de Bordeaux		81.0	35.3	84.6	71.9	75.9
28	40=	University of Otago		75.9	77.1	80.7	68.8	75.8
29	29	University of Southampton		73.3	68.9	85.5	88.5	75.6
30	20	The University of Sydney		74.1	86.2	73.8	68.8	74.8
31	28	University of Reading		74.3	66.2	81.1	74.8	74.2
32	39	University of Edinburgh		72.7	77.8	78.4	74.8	74.0
33	37	Universitat de Barcelona (UB)		71.9	65.7	80.9	88.5	73.8
34=	49	Brown University		73.6	77.4	71.7	71.9	73.6
34=	27	University of Toronto		70.3	76.7	83.2	84.4	73.6
36	31	The University of Tokyo		76.1	88.5	62.8	48.1	73.2
37	32=	Ruprecht-Karls-Universität Heidelberg		79.1	43.9	67.1	65.5	73.0
38	51-100	University of The Witwatersrand		68.6	65.0	85.3	97.0	72.8
39	45=	Pennsylvania State University		74.2	60.0	79.8	65.5	72.5
40	34	Boston University		72.7	68.2	76.0	68.8	72.2
41	51-100	University of Washington		72.3	59.8	81.5	71.9	71.9
42	44	Simon Fraser University		68.3	59.8	89.6	88.5	71.6
43=	51-100	Universität Köln		71.1	50.6	82.2	84.4	71.5
43=	51-100	University of Ghent		69.5	62.1	83.9	82.2	71.5
45=	101-150	Universität Wien		75.5	52.3	67.9	65.5	71.4
45=	51-100	University of Florida		71.1	53.2	80.9	82.2	71.4
47	45=	University of Alberta		69.7	67.6	79.3	77.4	71.2
48=	32=	Università di Bologna (UNIBO)		72.6	74.7	63.6	61.8	70.8
48=	35	University of British Columbia		68.8	74.0	77.1	74.8	70.8
48=	36	University of Groningen		74.7	65.7	66.2	53.3	70.8

Subject Architecture / Built Environment								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	97.2	93.9	93.5	98.5
2	2	The Bartlett School of Architecture UCL (University College London)		98.4	91.9	96.6	93.5	97.1
3	3	Delft University of Technology		93.4	94.6	90.5	97.3	93.6
4	5	ETH Zurich (Swiss Federal Institute of Technology)		93.4	84.3	93.9	88.2	92.0
5	4	University of California, Berkeley (UCB)		89.0	83.4	100.0	97.3	90.4
6	7	Harvard University		90.5	98.9	83.8	74.0	89.0
7	6	Manchester School of Architecture		87.2	99.4	93.1	83.0	88.6
8	8	University of Cambridge		86.1	100.0	93.2	80.7	87.7
9	14	Politecnico di Milano		84.4	98.7	83.6	81.9	85.5
10	9	National University of Singapore (NUS)		83.2	82.8	95.6	92.6	85.3
11	11	Tsinghua University		82.7	93.2	87.7	91.8	85.2
12	10	University of Hong Kong (HKU)		82.4	86.2	91.9	90.1	84.5
13	12	Columbia University		83.5	80.1	89.0	81.9	83.6
14	17	The University of Tokyo		83.8	93.2	74.1	69.1	82.3
15	13	University of California, Los Angeles (UCLA)		82.3	82.7	86.5	76.9	82.2
16	15=	The University of Sydney		78.2	81.7	96.1	94.3	82.0
17	25	Ecole Polytechnique Fédérale de Lausanne (EPFL)		77.9	85.3	99.7	89.1	81.9
18	20	Tongji University		81.1	79.1	77.4	92.6	81.7
19=	18	Georgia Institute of Technology (Georgia Tech)		79.3	70.1	94.8	95.0	81.5
19=	15=	The Hong Kong Polytechnic University		78.0	70.7	98.0	100.0	81.5
21	19	The University of Melbourne		79.3	79.1	92.7	85.2	81.2
22	26	Universitat Politècnica de Catalunya		79.1	81.4	86.3	79.5	80.1
23	22	The University of New South Wales (UNSW)		79.2	80.6	81.8	80.7	79.8
24	23=	KTH, Royal Institute of Technology		78.6	66.8	90.6	87.2	79.5
25	21	Cornell University		79.0	78.5	83.4	76.9	79.2
26	28	RMIT University		78.9	83.4	82.5	72.5	79.1
27	23=	Stanford University		74.9	91.6	93.3	80.7	79.0
28	35	Universidade de São Paulo (USP)		77.4	81.1	83.1	75.5	78.2
29	29=	Technische Universität München		77.8	75.5	82.4	78.2	78.1
30	31	The University of Sheffield		76.0	66.1	95.0	86.2	77.9
31	50=	Politécnica de Madrid		75.7	85.3	83.1	78.2	77.7
32	27	University of British Columbia		75.1	71.0	95.3	84.1	77.6
33	37=	Pontificia Universidad Católica de Chile		75.3	84.6	82.6	79.5	77.4
34	37=	Kyoto University		75.1	90.0	78.2	72.5	76.6
35=	29=	Princeton University		76.2	78.1	78.9	72.5	76.3
35=	34	Seoul National University (SNU)		74.1	90.3	81.0	72.5	76.3
37=	43	University of Michigan		73.5	70.9	87.2	85.2	75.8
37=	32	University of Pennsylvania		77.8	71.4	76.4	65.4	75.8
39	33	University of Illinois at Urbana-Champaign		74.2	61.4	88.9	87.2	75.7
40	41	University of Texas at Austin		71.7	72.6	92.0	87.2	75.4
41=	46	Politecnico di Torino		70.7	80.1	90.0	84.1	74.9
41=	42	Technische Universität Berlin		78.5	54.8	76.9	67.3	74.9
43=	36	University of Reading		72.2	75.4	89.0	78.2	74.8
43=	39=	University of Toronto		70.3	72.5	95.7	87.2	74.8
45	47=	Eindhoven University of Technology		68.0	74.3	99.3	95.0	74.5
46=	51-100	Aalto University		72.3	64.8	92.8	79.5	74.3
46=	39=	Cardiff University		70.5	77.6	93.8	78.2	74.3
46=	44	Katholieke Universiteit Leuven		71.0	67.2	94.6	84.1	74.3
49	51-100	Universidad Nacional Autónoma de México (UNAM)		75.5	87.6	62.6	63.4	74.2
50	49	The University of Queensland (UQ)		70.0	74.5	88.2	76.9	73.0

Subject Art & Design

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	OVERALL
1	1	Royal College of Art		100.0	88.8	98.9
2	3	Parsons The New School for Design		94.0	78.8	92.5
3	4	Rhode Island School of Design (RISD)		93.4	79.7	92.0
4	2	Massachusetts Institute of Technology (MIT)		90.5	98.6	91.3
5	7=	Politecnico di Milano		87.5	91.0	87.9
6	6	University of the Arts London		87.8	87.1	87.7
7	5	Pratt Institute		87.3	61.4	84.7
8	7=	School of the Art Institute of Chicago (SAIC)		88.0	50.2	84.2
9	13	Aalto University		85.5	65.6	83.5
10	10	Stanford University		79.4	94.8	80.9
11	17	RMIT University		79.9	86.7	80.6
12	15	Goldsmiths, University of London		81.0	73.1	80.2
13	14	Carnegie Mellon University		80.2	76.9	79.9
14	16	Art Center College of Design		80.8	67.6	79.5
15	9	California Institute of the Arts		81.1	61.5	79.1
16	19	Glasgow School of Art (GSA)		82.4	38.6	78.0
17	21	School of Visual Arts (SVA)		77.5	75.8	77.3
18=	26	Tongji University		77.0	76.8	77.0
18=	31=	Universidad de Buenos Aires		75.8	88.0	77.0
20	18	University of California, Los Angeles (UCLA)		75.5	84.7	76.4
21	22	California College of the Arts		79.0	50.5	76.2
22	24	Universidad Nacional Autónoma de México (UNAM)		74.0	93.9	76.0
23	25	Tsinghua University		73.8	93.3	75.8
24=	31=	Design Academy Eindhoven		79.8	37.9	75.6
24=	27	The Hong Kong Polytechnic University		75.4	77.3	75.6
26	39	Universidad de Palermo		75.2	76.3	75.3
27	51-100	The Royal Danish Academy of Fine Arts - The School of Design		75.4	65.3	74.4
28	29=	University of Technology Sydney (UTS)		72.3	86.3	73.7
29	12	Yale University		71.8	88.4	73.5
30	20	Columbia University		71.5	86.9	73.0
31=	33	The University of New South Wales (UNSW)		71.1	87.1	72.7
31=	42=	Universidade de São Paulo (USP)		70.7	90.2	72.7
33	23	New York University (NYU)		71.5	82.6	72.6
34	36	Loughborough University		72.8	69.6	72.5
35	38	Pontificia Universidad Católica de Chile		70.8	86.3	72.4
36=	49=	Savannah College of Art and Design		72.0	73.7	72.2
36=	11	University of Oxford		69.1	100.0	72.2
38	28	The University of Melbourne		69.7	91.3	71.9
39	35	National University of Singapore (NUS)		68.0	89.4	70.1
40=	40	Nanyang Technological University (NTU)		68.8	80.2	69.9
40=	29=	Seoul National University (SNU)		67.7	89.6	69.9
40=	51-100	Swinburne University of Technology		68.9	78.5	69.9
43=	41	Queensland University of Technology (QUT)		68.4	77.1	69.3
43=	51-100	University of Brighton		69.6	66.6	69.3
45	46	Tecnológico de Monterrey (ITESM)		66.5	92.7	69.1
46	42=	Cornell University		68.1	77.5	69.0
47	37	Peking University		66.0	93.9	68.8
48	101-150	National Cheng Kung University		66.8	85.4	68.7
49=	101-150	École Nationale Supérieure de Création Industrielle, ENSCI Les Ateliers		69.9	55.6	68.5
49=	42=	The University of Sydney		66.2	89.1	68.5

Subject Classics & Ancient History

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	OVERALL
1		Sapienza - Università di Roma		99.7	70.6	96.8
2		University of Oxford		96.1	98.9	96.4
3		University of Cambridge		95.7	99.4	96.1
4		Ludwig-Maximilians-Universität München		100.0	59.8	96.0
5		Université Paris-Sorbonne (Paris IV)		94.9	76.0	93.0
6=		Harvard University		91.9	97.6	92.5
6=		Leiden University		94.2	76.8	92.5
8		Humboldt-Universität zu Berlin		93.3	78.7	91.8
9		Ruprecht-Karls-Universität Heidelberg		95.5	55.1	91.5
10		Princeton University		91.0	75.6	89.5
11		Cornell University		90.4	73.8	88.7
12		Università di Pisa		92.3	51.1	88.2
13		Università degli Studi di Roma - Tor Vergata		90.8	57.3	87.5
14		University of St Andrews		88.7	75.8	87.4
15		University of California, Berkeley (UCB)		88.1	80.2	87.3
16		Aristotle University of Thessaloniki		88.0	79.9	87.2
17		Yale University		87.2	85.8	87.1
18		UCL (University College London)		85.1	88.6	85.5
19		Universität Freiburg		88.6	54.1	85.2
20		University of Chicago		85.5	80.5	85.0
21		King's College London (KCL)		85.1	83.0	84.9
22		Freie Universität Berlin		86.5	65.3	84.4
23		University of Michigan		84.8	79.7	84.3
24		Katholieke Universiteit Leuven		86.4	64.7	84.2
25		Durham University		83.9	81.6	83.7
26		Universität Wien		87.3	42.8	82.9
27		University of Groningen		84.6	62.8	82.4
28		Trinity College Dublin (TCD)		82.5	80.9	82.3
29		Utrecht University		84.5	60.1	82.1
30		Università degli Studi di Pavia (UNIPV)		86.0	39.6	81.4
31		University of Pennsylvania		80.7	84.3	81.1
32		Università di Bologna (UNIBO)		81.9	72.5	81.0
33		University of Toronto		81.3	76.9	80.9
34		Georg-August-Universität Göttingen		83.7	52.1	80.5
35		University of Zurich		82.8	56.9	80.2
36		Brown University		80.2	73.1	79.5
37		Universität Köln		83.4	41.7	79.2
38		Université Paris 1 Panthéon-Sorbonne		80.1	68.0	78.9
39		Universidad Nacional Autónoma de México (UNAM)		79.4	69.8	78.4
40=		Scuola Normale Superiore di Pisa		79.5	55.0	77.1
40=		Stanford University		75.4	92.5	77.1
40=		University of Edinburgh		76.9	79.1	77.1
43		University of Copenhagen		75.2	86.3	76.3
44		University of Exeter		77.4	65.1	76.2
45		Columbia University		76.3	72.6	75.9
46=		Kyushu University		75.6	74.2	75.5
46=		Universidad Complutense de Madrid (UCM)		75.9	72.2	75.5
48		Eberhard Karls Universität Tübingen		78.1	50.4	75.3
49		Università degli Studi di Milano		75.7	68.8	75.0
50		Università degli Studi di Siena (UNISI)		77.3	51.4	74.7

Subject English Language & Literature

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	OVERALL
1	1	University of Oxford		100.0	100.0	80.1	98.0
2	2	University of Cambridge		99.2	99.9	79.3	97.3
3	3	Harvard University		98.2	99.7	82.6	96.8
4	4	University of California, Berkeley (UCB)		95.2	87.0	100.0	94.9
5	5	Yale University		95.2	89.6	83.1	93.4
6	6	Stanford University		92.9	94.3	92.6	93.0
7	8	Princeton University		92.1	84.6	90.9	91.2
8	9=	Columbia University		91.0	81.8	86.4	89.6
9	9=	University of California, Los Angeles (UCLA)		90.3	85.5	85.8	89.4
10	7	University of Chicago		88.8	81.5	99.9	89.2
11	11	University of Edinburgh		89.6	80.6	80.9	87.8
12	12	University of Toronto		88.2	82.9	83.6	87.2
13	13	New York University (NYU)		86.7	79.3	90.8	86.4
14	14	UCL (University College London)		87.2	83.7	71.1	85.2
15	15	National University of Singapore (NUS)		85.5	88.1	77.7	85.0
16	16=	Duke University		84.3	76.1	98.0	84.9
17	19	Cornell University		85.6	77.4	85.1	84.7
18	18	The University of Sydney		83.9	87.9	84.9	84.4
19	21	The University of Melbourne		84.8	89.7	73.4	84.2
20	16=	The University of Warwick		82.9	82.7	91.9	83.8
21	20	University of Michigan		81.9	80.4	89.3	82.5
22	27=	University of Hong Kong (HKU)		83.6	85.8	65.1	82.0
23=	29=	Massachusetts Institute of Technology (MIT)		80.4	94.2	80.5	81.8
23=	22	University of Pennsylvania		81.8	78.4	84.8	81.8
25	25	King's College London (KCL)		82.2	78.8	80.0	81.6
26	27=	Australian National University (ANU)		80.9	82.0	81.8	81.1
27	24	University of York		79.7	70.6	99.0	80.7
28	51-100	Trinity College Dublin (TCD)		81.6	78.0	75.6	80.6
29=	26	The University of Manchester		79.5	82.7	84.6	80.3
29=	23	University of British Columbia		81.1	80.3	73.9	80.3
31	29=	The University of Auckland		79.6	80.0	75.6	79.2
32	32	Queen Mary University of London (QMUL)		78.1	69.3	87.7	78.2
33	36	Brown University		77.4	73.4	85.2	77.8
34	35	Durham University		76.0	82.8	83.1	77.4
35	40	University of Leeds		77.2	74.8	80.9	77.3
36	31	McGill University		76.1	78.4	83.8	77.1
37	34	Peking University		77.0	93.0	61.2	77.0
38	46	University of Amsterdam		76.7	73.6	81.6	76.9
39=	49=	The University of New South Wales (UNSW)		73.4	85.7	94.2	76.7
39=	41	University of Birmingham		75.7	77.7	83.7	76.7
39=	33	University of Texas at Austin		77.5	71.2	75.6	76.7
42	48	University of Glasgow		77.8	63.5	77.3	76.3
43	44	University of Bristol		74.5	79.5	85.1	76.1
44	37=	The University of Tokyo		81.0	91.6	20.0	76.0
45=	49=	The University of Nottingham		75.2	73.0	84.4	75.9
45=	39	University of Virginia		74.6	65.9	96.0	75.9
47	51-100	Freie Universität Berlin		75.6	74.4	73.5	75.3
48	42=	Monash University		74.4	84.6	72.5	75.2
49	37=	Johns Hopkins University		74.3	64.7	90.8	75.0
50=	51-100	Humboldt-Universität zu Berlin		76.4	72.2	62.5	74.6
50=	42=	University of Wisconsin-Madison		74.1	71.0	82.4	74.6

Subject History

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		99.3	98.0	93.7	100.0	98.4
2	2	University of Oxford		100.0	99.1	89.1	97.0	97.8
3	3	University of Cambridge		99.8	100.0	88.4	97.0	97.7
4	5	University of California, Berkeley (UCB)		94.1	85.3	93.2	90.2	92.5
5	4	Stanford University		90.8	90.9	98.0	93.7	92.3
6	6	Yale University		94.4	86.6	88.6	84.8	91.3
7	7	London School of Economics and Political Science (LSE)		95.1	89.9	88.4	78.6	91.1
8	9	Columbia University		90.8	80.9	93.9	91.4	90.4
9	8	Princeton University		94.0	83.1	90.4	80.3	90.3
10	10	University of Chicago		89.5	79.3	92.8	87.6	88.7
11	11	University of California, Los Angeles (UCLA)		86.8	84.3	93.1	92.6	88.4
12	14	Australian National University (ANU)		88.8	85.9	84.0	69.2	84.9
13	13	University of Wisconsin-Madison		84.8	63.2	92.9	87.6	84.3
14	12	University of Toronto		80.9	85.2	89.5	87.6	83.6
15=	17	Leiden University		87.0	69.4	84.8	75.1	83.1
15=	15	UCL (University College London)		77.6	87.5	92.6	92.6	83.1
17=	23=	University of Edinburgh		81.6	81.6	86.0	83.4	82.5
17=	16	University of Michigan		80.4	73.9	93.2	86.2	82.5
19	27	University of Texas at Austin		81.2	75.0	91.2	83.4	82.4
20	19	King's College London (KCL)		80.1	79.6	87.0	83.4	81.6
21	18	University of Pennsylvania		75.9	75.3	94.6	92.6	81.2
22	20	The University of Tokyo		86.6	87.1	75.6	59.5	80.9
23	23=	University of British Columbia		75.2	77.4	96.5	88.9	80.7
24	32	National University of Singapore (NUS)		84.1	84.8	77.6	67.0	80.6
25	29=	Cornell University		78.7	79.4	90.6	78.6	80.5
26	21	The University of Sydney		77.8	86.0	86.8	78.6	80.1
27	34	New York University (NYU)		75.2	84.1	89.7	86.2	79.9
28	42=	Peking University		86.5	86.2	72.2	50.2	78.9
29=	22	Johns Hopkins University		78.2	64.0	92.2	76.9	78.7
29=	33	Kyoto University		87.0	82.9	71.4	50.2	78.7
31	28	The University of Melbourne		75.5	88.6	88.1	75.1	78.6
32	25	Humboldt-Universität zu Berlin		81.6	68.4	84.5	62.1	77.8
33	29=	The University of Manchester		71.0	83.2	89.6	87.6	77.5
34	38	University of Amsterdam		74.4	66.8	89.3	84.8	77.4
35	39	SOAS - School of Oriental and African Studies, University of London		83.7	70.9	74.0	59.5	77.3
36	35	McGill University		71.5	81.4	90.5	81.9	76.9
37=	26	Duke University		73.7	66.7	92.1	80.3	76.8
37=	31	The University of Warwick		72.7	82.8	87.2	78.6	76.8
39	41	Freie Universität Berlin		80.3	71.5	77.4	64.6	76.6
40	36	Université Paris 1 Panthéon-Sorbonne		82.2	74.7	75.1	56.6	76.5
41	37	Durham University		69.1	84.3	90.1	83.4	75.9
42	45	Northwestern University		67.1	70.4	95.8	92.6	75.6
43	46	Utrecht University		73.3	55.1	86.9	81.9	74.8
44	49	Brown University		71.4	70.3	88.6	76.9	74.7
45	51-100	Katholieke Universiteit Leuven		71.2	68.2	85.8	80.3	74.5
46	50	Ludwig-Maximilians-Universität München		73.0	70.8	83.7	71.3	74.1
47	40	Monash University		69.4	79.3	85.7	76.9	74.0
48	42=	University of North Carolina, Chapel Hill		73.1	57.7	88.8	73.2	73.9
49	44	Massachusetts Institute of Technology (MIT)		67.4	90.3	88.4	73.2	73.7
50	47	Seoul National University (SNU)		77.5	78.0	73.5	53.5	73.4



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How Students Use Rankings



Jack Moran
Higher Education Writer
QS

As a student, the process of applying to university can be as daunting as it is exciting. The higher education sector continues to expand relentlessly, increasing the number of potential courses and institutions at which you might choose to hone your talent and nurture your future career.

At QS, we believe that those decisions are too important to be left to chance, and we've made it our mission to help motivated, talented individuals like yourself make the best decision for you. Yet perhaps nothing we do epitomizes this mission more than our *QS World University Rankings by Subject*.

We know that the first thing you'll probably do is decide which subject you'd like to devote the next three (or four, or six) years of your life to. Once you've done that, you might start to cast your eye around to see which institutions are on offer – but how to create a longlist, or to turn a longlist into a shortlist?

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Once you have the subject ranking of your choice in front of you, how best

to use it? We believe that following our three key guidelines will ensure that the *QS World University Rankings by Subject* helps you choose your future study destination:

1. Work out what matters to you. Is employability top of your agenda? Do you want to go somewhere highly regarded by the academic community? Or are you a budding researcher seeking to attend an institution renowned for its contributions to global knowledge creation and exchange?

Whatever the answer, you'll make best use of the rankings if you're prepared to check out how your prospective institution(s) fare(s) for the metrics most important to you. Each individual subject ranking can be sorted for each of our indicators (Academic Reputation, Employer Reputation, Citations per Faculty, and H-Index)–and will help you work out where each potential university really shines.

2. Use our other rankings. The *QS World University Rankings by Subject* are but one part of the larger picture we want to offer to you. The overall *QS World University Rankings* can provide you with more detail about the class sizes at your potential university, while the *QS Best Student Cities* ranking will give you a sense of whether you'd be at home in the wider community of which that university is a part. If you're especially concerned about the job

prospects that graduates of your institution experience, then the *QS Graduate Employability Rankings* is at your disposal.

No matter what your concerns or priorities are, we believe that our rankings portfolio cover them all – we hope you'll make full use of it!

3. Don't use rankings in isolation. Let's be clear – we believe rankings are a great shortlisting tool, and our decades of experience speaking to students make it clear that they agree. However, we also know – all too well – that they won't tell you everything you need to know. So make use of the other resources on offer to you to make your final choice. Attend open days. Use student forums to hear what current students thought about life at each university. Use the official university website – do the professors' research interests align with your passion? Check out scholarship opportunities – we know how important adequate funding is.

Using our rankings alongside other tools will help you to make one of your biggest choices an *informed choice*. The 2018 *QS World University Rankings by Subject* have been compiled with that goal in mind – and we hope that you find them to be useful. On behalf of everyone at QS, I wish you the best of luck with your study and career goals.

Subject Linguistics

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	93.9	98.4	99.2	99.3
2	3	University of Massachusetts, Amherst		97.9	60.4	88.3	88.2	93.2
3	2	Harvard University		90.6	100.0	93.9	100.0	92.2
4	4	University of Cambridge		90.8	97.2	81.4	86.9	90.8
5	5	University of Edinburgh		91.5	82.4	87.2	92.7	90.4
6	6	University of Oxford		89.3	95.6	86.5	89.4	89.8
7	7	Stanford University		88.3	91.8	93.9	97.5	89.4
8	8	University of California, Berkeley (UCB)		89.0	89.8	89.0	91.6	89.2
9	9	University of California, Los Angeles (UCLA)		87.1	84.4	89.1	91.6	87.2
10	10=	Peking University		88.0	91.6	81.3	67.4	87.0
11	10=	University of Hong Kong (HKU)		85.1	90.2	77.4	79.7	85.0
12	12	University of Pennsylvania		84.7	75.7	90.3	92.7	84.5
13	14	University of Maryland, College Park		88.0	45.2	89.2	95.7	84.2
14	17	University of Amsterdam		84.4	70.0	85.1	93.7	83.5
15	19	Lancaster University		85.9	64.3	84.6	81.3	83.4
16	15	UCL (University College London)		82.8	77.1	87.2	99.2	83.3
17	18	The University of Tokyo		82.5	88.0	80.6	72.1	82.4
18	13	Lomonosov Moscow State University		82.7	98.4	52.1	50.4	81.1
19	21	University of Chicago		80.2	83.0	82.1	81.3	80.6
20	22	University of Toronto		79.1	78.9	86.5	91.6	80.1
21	16	National University of Singapore (NUS)		79.2	84.3	81.3	79.7	79.8
22	20	Ohio State University		80.9	56.1	84.4	90.5	79.1
23	51-100	Leiden University		80.6	67.9	73.8	79.7	78.9
24=	24	The University of Melbourne		78.3	77.9	82.3	85.6	78.8
24=	36	University of Texas at Austin		78.1	73.2	86.8	92.7	78.8
26	26	City University of Hong Kong		77.7	84.5	77.7	78.0	78.4
27	29=	Australian National University (ANU)		78.3	80.4	74.8	74.2	78.1
28	28	University of Illinois at Urbana-Champaign		78.1	63.9	86.7	93.7	77.9
29	39	Georgetown University		79.1	58.6	86.8	85.6	77.8
30	34=	Seoul National University (SNU)		76.7	89.0	70.6	64.8	77.0
31=	51-100	Universität Wien		77.2	78.5	74.6	72.1	76.9
31=	31	University of British Columbia		75.7	76.6	87.9	85.6	76.9
33	33	Humboldt-Universität zu Berlin		77.2	77.1	76.3	67.4	76.7
34	46	University of Helsinki		76.8	72.3	75.1	78.0	76.3
35	25	The Chinese University of Hong Kong (CUHK)		74.5	88.7	76.0	78.0	76.2
36	51-100	University of Connecticut		78.8	41.0	83.9	89.4	75.8
37	45	University of Birmingham		74.8	71.0	82.8	85.6	75.4
38	29=	McGill University		72.8	77.8	87.3	93.7	75.1
39	40	National Taiwan University (NTU)		75.0	87.5	69.4	54.7	75.0
40=	34=	The Hong Kong Polytechnic University		74.1	82.5	72.8	74.2	74.9
40=	38	The University of Manchester		72.4	84.4	83.4	86.9	74.9
42	23	New York University (NYU)		72.8	76.3	86.0	90.5	74.7
43=	27	The University of Sydney		71.8	80.4	82.1	85.6	73.9
43=	37	University of California, San Diego (UCSD)		73.2	55.9	96.1	98.3	73.9
43=	32	University of Michigan		71.3	80.7	86.1	90.5	73.9
46	51-100	Stockholm University		72.7	74.8	82.0	81.3	73.8
47	41	University of California, Santa Barbara (UCSB)		74.9	49.9	85.9	88.2	73.6
48	44	Nanyang Technological University (NTU)		72.5	78.2	78.9	74.2	73.5
49	48=	Cornell University		70.5	79.0	92.0	88.2	73.3
50	51-100	University of Zurich		71.1	79.9	79.7	84.3	73.1

Subject Modern Languages

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	OVERALL
1	1	Harvard University		100.0	100.0	100.0
2	2	University of Cambridge		98.3	99.5	98.7
3	3	University of Oxford		97.8	99.3	98.3
4	4	University of California, Berkeley (UCB)		96.2	89.2	94.1
5	5	Stanford University		94.3	90.3	93.1
6	7	Peking University		91.9	92.8	92.2
7	6	The University of Tokyo		91.9	92.2	92.0
8	8	Yale University		91.7	89.4	91.0
9	9	University of California, Los Angeles (UCLA)		91.7	86.5	90.1
10	10	Columbia University		90.3	82.8	88.1
11	12	Massachusetts Institute of Technology (MIT)		85.3	93.9	87.9
12	14	Kyoto University		87.4	86.9	87.3
13	15	Princeton University		88.1	83.2	86.6
14=	17	National University of Singapore (NUS)		84.6	89.2	86.0
14=	16	UCL (University College London)		86.4	85.2	86.0
16=	20	New York University (NYU)		85.7	84.0	85.2
16=	13	University of Hong Kong (HKU)		85.3	85.1	85.2
18	11	Seoul National University (SNU)		83.8	87.2	84.8
19=	27	Fudan University		83.4	86.3	84.3
19=	21	University of Edinburgh		85.1	82.4	84.3
21	18=	University of Chicago		85.8	79.5	83.9
22	41	Waseda University		82.5	85.6	83.4
23	25=	Universidad Nacional Autónoma de México (UNAM)		85.3	78.5	83.3
24	38	Universidad de Buenos Aires		84.4	79.8	83.0
25	48	Université Sorbonne Nouvelle Paris 3		86.0	75.5	82.9
26=	44	Lomonosov Moscow State University		81.1	86.9	82.8
26=	29=	The University of Sydney		81.1	86.8	82.8
28	25=	The University of Manchester		79.7	89.6	82.7
29	28	Australian National University (ANU)		81.8	84.5	82.6
30	22=	University of Toronto		83.7	79.8	82.5
31	22=	Humboldt-Universität zu Berlin		86.2	72.7	82.2
32=	31=	National Taiwan University (NTU)		83.2	79.5	82.1
32=	36=	The Chinese University of Hong Kong (CUHK)		82.2	81.8	82.1
32=	36=	The University of Melbourne		79.7	87.6	82.1
35	31=	Freie Universität Berlin		86.9	70.2	81.9
36	33	Tsinghua University		78.6	89.2	81.8
37	39=	Cornell University		81.7	80.4	81.3
38	24	Korea University		80.0	83.2	81.0
39	51-100	Leiden University		83.0	75.7	80.8
40	51-100	Pontificia Universidad Católica de Chile		81.0	80.1	80.7
41	42=	The University of Auckland		81.1	78.0	80.2
42=	51-100	Universidade de São Paulo (USP)		79.9	80.3	80.0
42=	18=	Université Paris-Sorbonne (Paris IV)		87.3	63.1	80.0
44	35	University of Amsterdam		80.9	77.2	79.8
45	34	HUFS – Hankuk (Korea) University of Foreign Studies		77.9	83.7	79.6
46	101-150	Universität Wien		80.6	76.5	79.4
47	51-100	Ludwig-Maximilians-Universität München		80.7	75.9	79.3
48	39=	University of British Columbia		80.6	75.6	79.1
49	49	King's College London (KCL)		79.2	78.5	79.0
50	51-100	University of Michigan		78.1	80.1	78.7

Subject Performing Arts

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	OVERALL
1	1	Julliard School		100.0	77.6	97.8
2	2	Royal College of Music		99.6	77.7	97.4
3	3=	Royal Academy of Music		96.4	77.7	94.5
4	5	University of Music and Performing Arts Vienna		91.8	90.5	91.7
5	3=	Royal Conservatoire of Scotland (Formerly Royal Scottish Academy of Music and Drama)		91.7	77.6	90.3
6	10	Sibelius Academy		94.5	37.3	88.8
7	9	Conservatoire national supérieur de musique et de danse de Paris (CNSMDP)		94.1	37.6	88.5
8	8	Curtis Institute of Music		89.3	77.7	88.1
9	14=	New York University (NYU)		87.4	89.0	87.6
10	11	Harvard University		83.5	92.0	84.4
11	6	Royal College of Music in Stockholm		88.6	44.8	84.2
12	19	Northwestern University		84.9	76.6	84.1
13	13	University of Oxford		83.0	91.0	83.8
14=	14=	Royal Holloway University of London		87.6	48.7	83.7
14=	12	University of Cambridge		82.8	91.5	83.7
16	7	Indiana University Bloomington		83.0	71.3	81.8
17	24	Indonesia Institute of the Arts Yogyakarta		86.4	37.4	81.5
18	16=	Yale University		81.6	79.2	81.4
19	16=	University of California, Berkeley (UCB)		81.1	80.5	81.0
20	25	Stanford University		79.4	83.1	79.8
21	23	University of California, Los Angeles (UCLA)		80.0	69.6	79.0
22	51-100	Monash University		76.3	99.5	78.6
23	30	Queen Mary University of London (QMUL)		78.5	75.6	78.2
24	26	The University of Melbourne		74.8	100.0	77.3
25	31	Columbia University		77.9	70.9	77.2
26	22	Goldsmiths, University of London		77.9	68.9	77.0
27=	43	National University of Singapore (NUS)		77.2	73.5	76.8
27=	38=	The University of Tokyo		77.4	71.1	76.8
29	36=	Massachusetts Institute of Technology (MIT)		75.5	86.2	76.6
30=	28	Conservatorio di Roma Santa Cecilia		80.7	37.3	76.4
30=	32	Princeton University		78.5	57.9	76.4
32	27	Central School of Speech & Drama		80.5	37.6	76.2
33	18	University of Rochester		77.3	64.9	76.1
34	51-100	Australian National University (ANU)		73.6	97.2	76.0
35	51-100	Norwegian Academy of Music		79.7	37.3	75.5
36	21	Guildhall School of Music and Drama		75.1	77.7	75.4
37=	51-100	Royal Academy of Music, Aarhus		79.4	37.8	75.2
37=	42	University of Chicago		74.7	79.9	75.2
39	47	City University of New York		77.9	49.4	75.1
40=	20	King's College London (KCL)		74.0	82.3	74.8
40=	29	The Royal Danish Academy of Music		78.1	44.6	74.8
42=	46	Griffith University		75.6	64.3	74.5
42=	51-100	University of British Columbia		75.5	65.5	74.5
44	44=	University of Hong Kong (HKU)		74.1	75.3	74.2
45	36=	University of Illinois at Urbana-Champaign		76.8	46.1	73.7
46	38=	The University of Manchester		73.4	72.0	73.3
47	51-100	University of Toronto		74.1	63.1	73.0
48	34	Conservatoire national supérieur de musique et de danse de Lyon		76.6	37.3	72.7
49	49	University of Amsterdam		74.8	45.4	71.9
50=	51-100	Hochschule für Musik und Theater Hamburg		75.6	37.3	71.8
50=	33	The University of Western Australia (UWA)		70.3	84.9	71.8

Subject Philosophy

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Pittsburgh		100.0	56.5	92.6	93.7	96.5
2	3	New York University (NYU)		96.4	74.7	92.8	96.6	95.0
3	4	Rutgers - The State University of New Jersey, New Brunswick		93.5	72.3	95.5	96.6	93.0
4	2	University of Oxford		90.0	98.5	90.6	100.0	91.5
5	5	Harvard University		88.7	100.0	91.2	94.7	90.1
6	6	University of Cambridge		88.8	98.8	84.8	89.4	89.0
7	7	Princeton University		85.6	81.7	95.7	95.7	87.4
8	9	London School of Economics and Political Science (LSE)		86.9	89.8	89.2	84.3	87.0
9	8	University of California, Berkeley (UCB)		85.3	81.7	88.0	91.6	86.0
10	12	Ludwig-Maximilians-Universität München		87.7	61.4	82.2	82.8	85.3
11	11	Stanford University		83.7	90.4	86.1	88.2	84.7
12	10	Yale University		82.1	84.0	93.3	92.7	84.4
13	18	University of Toronto		83.8	73.4	85.7	89.4	84.0
14	14=	Humboldt-Universität zu Berlin		86.0	65.2	81.1	78.0	83.7
15	13	University of Notre Dame		85.4	62.8	78.4	78.0	82.8
16=	23	King's College London (KCL)		80.7	84.5	88.9	88.2	82.5
16=	19	University of St Andrews		80.8	72.4	90.2	92.7	82.5
18	14=	Columbia University		79.4	82.8	88.0	88.2	81.3
19	16=	Massachusetts Institute of Technology (MIT)		78.3	92.0	91.5	86.9	81.2
20	21	Australian National University (ANU)		75.4	99.3	94.9	94.7	80.5
21	40	University of Edinburgh		75.7	78.3	90.6	93.7	79.1
22	22	University of Chicago		79.1	79.2	77.5	76.2	78.7
23	16=	University of Michigan		74.5	76.5	91.8	91.6	78.0
24	25	University of Helsinki		76.8	53.3	84.4	86.9	77.4
25	29	University of Copenhagen		74.0	82.6	86.8	89.4	77.3
26	42=	Université Paris 1 Panthéon-Sorbonne		79.9	72.1	66.6	67.4	76.9
27	47=	Ecole Normale Supérieure, Paris (ENS Paris)		80.0	62.1	62.8	64.8	75.9
28	24	University of North Carolina, Chapel Hill		73.7	47.9	91.8	88.2	75.7
29	27=	City University of New York		73.1	58.2	83.3	91.6	75.2
30	27=	Universität Frankfurt am Main		74.6	63.6	83.0	76.2	75.1
31	30=	Katholieke Universiteit Leuven		74.1	64.5	75.4	84.3	74.8
32	33	Université Catholique de Louvain (UCL)		78.2	66.7	66.2	58.5	74.5
33	41	University of Amsterdam		71.0	63.1	84.1	89.4	73.8
34	30=	The Chinese University of Hong Kong (CUHK)		76.5	79.0	61.9	61.8	73.7
35	51-100	University of Bristol		69.3	78.9	89.7	86.9	73.6
36	51-100	The University of Auckland		69.8	89.5	82.5	81.3	73.2
37	26	Université Paris-Sorbonne (Paris IV)		78.2	70.9	54.8	54.7	73.1
38	37=	University of Geneva		71.7	49.5	85.7	81.3	73.0
39	44	Freie Universität Berlin		73.8	78.2	68.6	64.8	72.6
40	46	Universidad Nacional Autónoma de México (UNAM)		74.3	77.0	67.2	61.8	72.5
41	39	Peking University		74.1	89.9	60.3	61.8	72.3
42	35=	Ruprecht-Karls-Universität Heidelberg		71.4	65.3	79.9	74.2	72.2
43=	50	Renmin (People's) University of China		76.2	74.1	54.0	58.5	72.1
43=	51-100	University of Oslo		69.5	51.9	87.0	86.9	72.1
45	35=	McGill University		69.3	70.2	89.4	76.2	72.0
46=	37=	Boston University		69.7	68.1	84.2	76.2	71.7
46=	42=	Universitat de Barcelona (UB)		71.9	60.5	73.6	74.2	71.7
48	51-100	Seoul National University (SNU)		73.1	87.4	60.1	58.5	71.1
49	34	The University of Sydney		64.8	93.4	87.3	89.4	70.9
50=	51-100	Universidad de Navarra		70.7	66.3	73.4	64.8	70.2
50=	51-100	Universität Freiburg		72.1	52.4	70.2	64.8	70.2

Subject Theology, Divinity & Religious Studies

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		98.0	95.9	98.1	89.1	96.9
2	2	University of Oxford		98.5	98.1	87.1	90.9	96.6
3	3	Durham University		100.0	94.0	77.2	72.5	94.4
4	4	University of Cambridge		96.9	97.8	82.7	80.7	94.0
5	7	Vrije Universiteit Amsterdam		95.6	76.3	79.5	83.0	90.8
6	5	Boston College		96.7	52.1	88.0	83.0	90.0
7	16	University of Notre Dame		92.3	56.1	96.5	100.0	89.9
8=	9=	Katholieke Universiteit Leuven		98.0	58.2	73.4	75.5	89.3
8=	11	University of Toronto		91.2	82.8	86.9	85.2	89.3
10	12	University of Chicago		91.9	78.8	85.2	80.7	88.8
11	6	Yale University		92.6	70.6	79.9	75.5	87.4
12	17	Université Catholique de Louvain (UCL)		92.6	53.8	87.3	80.7	87.0
13	9=	Princeton University		89.8	66.5	87.5	75.5	85.8
14	13=	Ruprecht-Karls-Universität Heidelberg		92.4	62.4	73.8	69.1	85.2
15=	13=	Eberhard Karls Universität Tübingen		90.0	62.6	71.6	72.5	83.7
15=	20=	Stanford University		86.3	89.2	71.0	72.5	83.7
15=	15	University of California, Berkeley (UCB)		89.7	75.2	68.7	65.4	83.7
18	19	University of Edinburgh		87.2	71.4	78.7	72.5	83.3
19	22	SOAS - School of Oriental and African Studies, University of London		90.7	62.9	67.7	65.4	83.1
20	23	Hebrew University of Jerusalem		89.6	56.7	70.5	72.5	82.7
21	46=	Columbia University		84.4	74.4	79.4	78.2	82.3
22	29	McGill University		86.4	65.7	79.1	72.5	82.2
23	35	University of Birmingham		81.4	87.6	84.2	75.5	81.7
24	18	University of St Andrews		83.8	73.8	78.8	75.5	81.5
25	32=	King's College London (KCL)		84.3	69.7	77.1	75.5	81.2
26	27	Georgetown University		80.7	80.6	84.7	80.7	81.1
27	8	Duke University		78.0	63.0	100.0	98.7	80.8
28	20=	University of California, Los Angeles (UCLA)		84.9	74.4	73.3	65.4	80.7
29	51-100	Aarhus University		80.9	66.1	91.0	80.7	80.4
30	25	Emory University		83.7	60.1	79.2	75.5	80.1
31	46=	International Islamic University Malaysia (IIUM)		84.5	96.1	45.2	50.6	78.3
32	41	Ludwig-Maximilians-Universität München		85.7	49.7	70.5	61.2	78.1
33	30	Pontificia Universidad Católica de Chile		84.5	73.3	57.7	56.4	77.9
34=	34	Lancaster University		82.4	65.9	69.6	65.4	77.8
34=	26	Monash University		78.7	100.0	70.2	56.4	77.8
34=	31	The University of Manchester		75.6	73.9	92.1	83.0	77.8
37	49	The University of Sydney		74.8	98.4	78.8	69.1	77.0
38	39	University of Oslo		81.1	64.2	65.6	69.1	76.7
39	51-100	University of British Columbia		77.9	66.5	85.3	69.1	76.6
40	32=	Leiden University		77.0	72.5	79.3	72.5	76.3
41	24	University of Exeter		75.8	74.8	80.3	75.5	76.1
42	28	University of Aberdeen		75.1	59.0	86.6	78.2	75.0
43	37	Humboldt-Universität zu Berlin		82.1	65.0	53.0	56.4	74.9
44	51-100	Westfälische Wilhelms-Universität Münster		83.9	47.0	52.2	61.2	74.8
45	48	Deakin University		79.7	74.4	57.7	50.6	74.1
46	38	University of Copenhagen		73.0	65.7	86.0	75.5	73.8
47		The Chinese University of Hong Kong (CUHK)		76.9	85.1	51.3	56.4	73.1
48=	43	Radboud University Nijmegen		68.8	75.6	88.3	83.0	72.9
48=	51-100	University of Zurich		77.0	56.5	67.7	65.4	72.9
50	51-100	Boston University		70.9	61.0	91.7	78.2	72.7

Subject Area Engineering & Technology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	95.8	95.3	98.0	97.7
2	2	Stanford University		96.8	91.0	100.0	100.0	96.0
3	3	University of Cambridge		94.8	100.0	91.5	88.4	94.9
4	5	ETH Zurich (Swiss Federal Institute of Technology)		97.8	88.4	92.6	95.4	93.8
5	4	Nanyang Technological University (NTU)		94.2	89.2	95.8	99.2	93.7
6	6	Imperial College London		97.0	90.8	90.2	91.9	93.4
7	7	National University of Singapore (NUS)		92.3	91.1	92.6	94.9	92.4
8=	11	The University of Tokyo		93.0	98.9	81.0	87.2	92.1
8=	9	University of Oxford		88.7	98.8	93.4	86.5	92.1
10	10	Tsinghua University		93.6	91.6	84.1	96.7	92.0
11	8	University of California, Berkeley (UCB)		96.2	78.0	97.5	95.8	90.9
12	12	Ecole Polytechnique Fédérale de Lausanne (EPFL)		91.9	86.4	92.9	91.9	90.4
13	13	Harvard University		85.4	95.0	98.2	83.7	89.9
14	18=	Tokyo Institute of Technology		92.6	94.0	78.0	82.1	89.3
15	14	KAIST - Korea Advanced Institute of Science and Technology		93.9	82.9	89.1	89.6	89.2
16	21	Seoul National University (SNU)		90.1	88.5	87.6	86.5	88.7
17=	24=	Politecnico di Milano		88.0	95.8	80.1	82.9	88.4
17=	15	The Hong Kong University of Science and Technology (HKUST)		90.3	86.3	90.8	85.1	88.4
19	23	National Taiwan University (NTU)		86.0	93.4	86.2	85.1	88.1
20	18=	Peking University		83.6	92.0	88.4	90.8	87.9
21	22	Kyoto University		87.7	95.0	82.0	79.5	87.8
22=	20	Delft University of Technology		94.2	78.6	84.0	90.8	87.5
22=	35=	Universiti Malaya (UM)		83.7	88.5	87.9	95.4	87.5
24	16	Georgia Institute of Technology (Georgia Tech)		95.9	70.9	90.3	94.9	87.4
25	24=	Technische Universität München		91.2	86.1	82.8	83.7	87.3
26	17	California Institute of Technology (Caltech)		97.4	70.9	90.8	85.1	86.6
27=	28	The University of Melbourne		83.8	88.5	88.6	82.9	85.8
27=	31=	The University of New South Wales (UNSW)		85.4	85.8	86.6	85.8	85.8
29	24=	Shanghai Jiao Tong University		85.2	85.8	81.8	89.6	85.5
30	27	University of Hong Kong (HKU)		83.5	88.0	88.2	82.1	85.3
31=	31=	Carnegie Mellon University		92.7	68.6	90.2	91.9	85.0
31=	33	Rheinisch-Westfälische Technische Hochschule Aachen		87.3	86.0	82.6	79.5	85.0
33=	38=	National Tsing Hua University		81.5	87.9	86.8	80.4	84.1
33=	52	Politecnico di Torino		83.0	89.5	80.1	80.4	84.1
35	30	University of California, Los Angeles (UCLA)		87.3	73.1	93.5	86.5	83.9
36=	44=	Monash University		80.9	86.1	87.9	82.9	83.8
36=	42	Zhejiang University		80.4	82.8	83.8	94.9	83.8
38	37	Princeton University		83.8	74.8	94.9	90.2	83.7
39=	35=	Technische Universität Berlin		87.1	79.2	85.1	81.3	83.6
39=	41	The University of Sydney		82.6	85.5	84.7	81.3	83.6
41=	29	KTH, Royal Institute of Technology		89.2	75.6	85.0	82.9	83.5
41=	50	The Chinese University of Hong Kong (CUHK)		80.0	84.5	89.9	84.4	83.5
43	34	University of Toronto		84.9	74.8	91.4	88.4	83.4
44=	57	Osaka University		82.2	88.9	77.7	79.5	83.1
44=	55	Pohang University of Science and Technology (POSTECH)		85.3	76.2	91.4	82.9	83.1
46=	46	Australian National University (ANU)		81.0	82.9	88.6	82.9	83.0
46=	38=	University of Illinois at Urbana-Champaign		92.0	61.8	91.3	92.9	83.0
48=	66=	Korea University		80.5	84.0	85.7	82.1	82.6
48=	68=	National Chiao Tung University		77.9	89.6	81.6	82.1	82.6
48=	62	Tohoku University		83.1	87.7	78.9	74.6	82.6



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In Engineering

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Rank by Subject**

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***Life Sciences & Medicine
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***Engineering & Technology
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Employer Reputation 221

QS Ranking 2018

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Subject Computer Science & Information Systems

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		90.5	98.7	94.6	95.4	94.3
2	2	Stanford University		87.8	96.0	100.0	100.0	93.9
3	3	Carnegie Mellon University		100.0	82.4	94.8	94.0	93.0
4	4	University of California, Berkeley (UCB)		85.7	89.0	98.4	93.3	89.7
5	5	University of Cambridge		83.3	98.4	90.8	82.3	88.8
6	6	Harvard University		80.4	100.0	93.6	80.6	88.3
7	7	University of Oxford		81.0	97.3	91.9	81.2	87.6
8	8	Princeton University		81.8	83.5	99.5	90.6	86.3
9	9	ETH Zurich (Swiss Federal Institute of Technology)		81.0	81.3	94.3	92.0	84.7
10=	10=	National University of Singapore (NUS)		77.4	89.8	89.5	85.1	84.1
10=	10=	University of Toronto		79.6	82.9	95.1	87.4	84.1
12	12	Imperial College London		78.2	88.9	90.1	81.7	83.7
13	13	University of California, Los Angeles (UCLA)		77.3	85.9	92.3	84.6	83.2
14=	19	The Hong Kong University of Science and Technology (HKUST)		72.5	90.4	93.2	84.6	82.8
14=	14	The University of Melbourne		71.4	94.2	92.0	80.9	82.8
16	20	Nanyang Technological University (NTU)		73.4	85.1	91.6	89.8	82.1
17	16=	Peking University		74.1	91.2	84.2	82.5	82.0
18=	24=	Ecole Polytechnique Fédérale de Lausanne (EPFL)		79.1	78.4	90.6	85.6	81.6
18=	16=	University of Washington		79.3	71.7	98.8	90.2	81.6
20	15	Tsinghua University		69.4	91.4	85.1	90.6	81.5
21	28	Georgia Institute of Technology (Georgia Tech)		75.2	79.3	91.4	91.8	81.4
22=	27	California Institute of Technology (Caltech)		78.9	80.9	90.8	78.8	81.3
22=	18	The University of Tokyo		77.8	89.2	78.2	77.9	81.3
24	29	Columbia University		75.6	81.0	93.5	83.1	81.0
25	21=	Cornell University		76.5	76.9	96.4	85.3	80.9
26	24=	University of Hong Kong (HKU)		71.2	90.5	89.7	77.9	80.8
27	26	University of Texas at Austin		72.3	76.0	98.7	94.3	80.7
28=	35	The Chinese University of Hong Kong (CUHK)		69.1	86.2	92.7	84.9	80.1
28=	21=	University of Edinburgh		80.8	75.5	89.6	77.9	80.1
28=	30	University of Illinois at Urbana-Champaign		75.3	73.9	94.7	90.6	80.1
31	31	University of Waterloo		73.6	78.8	92.0	87.4	80.0
32	37	UCL (University College London)		74.9	78.6	91.9	83.6	79.9
33	32	New York University (NYU)		75.0	76.1	96.6	81.7	79.6
34=	33	KAIST - Korea Advanced Institute of Science and Technology		73.0	83.5	85.3	80.3	79.1
34=	23	University of British Columbia		71.2	79.3	93.2	85.8	79.1
36	43	The University of Sydney		67.8	91.8	86.1	74.8	78.8
37=	36	Australian National University (ANU)		70.8	83.4	91.5	76.6	78.6
37=	39	University of Pennsylvania		72.6	79.0	92.8	79.4	78.6
39	34	Yale University		72.3	86.8	87.1	69.4	78.4
40	38	Seoul National University (SNU)		69.0	86.3	85.2	76.6	77.8
41	42	The University of New South Wales (UNSW)		65.7	89.8	85.4	75.9	77.4
42	40	Technische Universität München		73.8	75.4	84.5	80.6	76.9
43	41	National Taiwan University (NTU)		64.5	88.8	88.5	74.1	76.8
44	49	Politecnico di Milano		63.3	90.3	82.0	76.6	76.2
45=	44	University of California, San Diego (UCSD)		71.1	66.8	96.4	87.4	76.1
45=	46	University of Michigan		63.4	80.0	91.7	86.8	76.1
47	50	University of Southern California		69.8	69.7	92.9	88.5	76.0
48	45	Shanghai Jiao Tong University		62.9	86.0	83.1	80.9	75.6
49	48	Lomonosov Moscow State University		69.5	93.5	75.3	54.8	75.4
50	51-100	City University of Hong Kong		62.7	79.1	91.9	83.6	75.1

Subject Engineering - Chemical

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		98.5	100.0	98.7	99.8	99.2
2	2	Stanford University		91.4	96.0	100.0	100.0	95.4
3	3	University of California, Berkeley (UCB)		92.6	89.6	99.1	97.0	93.3
4	4	University of Cambridge		91.6	98.4	91.7	86.1	92.8
5	6	Kyoto University		90.9	92.3	89.0	91.3	91.1
6	7	University of Oxford		86.9	97.6	92.0	85.4	90.7
7=	5	California Institute of Technology (Caltech)		89.7	88.6	97.1	87.5	90.2
7=	9	Imperial College London		91.8	91.4	87.3	86.5	90.2
9	8	National University of Singapore (NUS)		86.2	90.5	92.4	95.4	89.8
10	10	The University of Tokyo		87.3	92.2	88.5	90.1	89.4
11	11	Tsinghua University		84.7	91.4	87.4	97.9	89.1
12	13	ETH Zurich (Swiss Federal Institute of Technology)		89.6	81.7	91.2	92.7	87.9
13	12	Princeton University		90.3	83.1	92.3	83.6	87.4
14=	15	KAIST - Korea Advanced Institute of Science and Technology		82.7	87.8	91.7	91.0	86.8
14=	17=	Nanyang Technological University (NTU)		81.1	83.5	95.8	99.8	86.8
16	16	Seoul National University (SNU)		80.9	91.1	87.0	91.0	86.4
17	14	University of Wisconsin-Madison		92.3	72.7	91.6	91.0	86.1
18	24=	Delft University of Technology		90.4	79.7	87.0	85.1	85.9
19	19	University of California, Los Angeles (UCLA)		83.1	85.8	94.0	84.3	85.7
20	21	Tokyo Institute of Technology		82.9	90.5	84.3	81.2	85.1
21	17=	University of Minnesota		100.0	64.3	86.7	82.0	84.6
22=	26	The University of Manchester		86.5	81.2	86.9	80.7	84.1
22=	22	University of Texas at Austin		82.3	78.2	93.8	91.0	84.1
24=	28	Monash University		78.5	90.2	87.3	82.8	84.0
24=	33	The University of Queensland (UQ)		81.1	85.7	88.8	83.6	84.0
26	23	Yale University		81.9	84.0	90.8	81.2	83.8
27	30=	The University of Melbourne		80.3	89.8	86.4	73.1	83.0
28=	24=	Northwestern University		77.2	75.5	98.1	96.5	82.7
28=	30=	Purdue University		83.1	79.5	86.3	84.7	82.7
30	29	The Hong Kong University of Science and Technology (HKUST)		79.8	84.3	90.0	78.1	82.4
31	27	Cornell University		79.5	79.0	93.4	84.7	82.2
32	20	Georgia Institute of Technology (Georgia Tech)		76.1	81.0	91.2	90.7	82.0
33	36	UCL (University College London)		83.8	78.6	85.6	79.9	81.9
34	32	Osaka University		74.3	85.2	88.0	89.1	81.8
35	51-100	University of Delaware		88.2	63.1	94.0	89.1	81.7
36	37	The University of New South Wales (UNSW)		73.2	91.5	86.2	79.9	81.6
37	45=	National Taiwan University (NTU)		77.0	85.4	85.4	81.2	81.4
38	44	Ecole Polytechnique Fédérale de Lausanne (EPFL)		76.3	75.7	97.4	88.5	81.1
39	34=	University of Toronto		73.7	83.4	89.8	85.1	80.7
40	40	University of Michigan		72.6	81.7	91.0	85.8	80.1
41	51-100	Zhejiang University		69.5	82.0	85.3	96.0	79.6
42	38=	Universiti Malaya (UM)		73.2	88.3	82.6	75.7	79.5
43=	43	Korea University		68.9	88.7	85.4	82.0	79.3
43=	47	McGill University		79.8	79.9	85.1	70.9	79.3
43=	45=	Shanghai Jiao Tong University		68.9	85.7	85.3	88.5	79.3
46=	51-100	Rheinisch-Westfälische Technische Hochschule Aachen		76.5	76.7	87.0	81.6	78.9
46=	34=	Tohoku University		68.6	87.4	85.6	82.8	78.9
48	51-100	Technical University of Denmark		83.8	65.7	87.1	83.6	78.8
49=	41=	Pohang University of Science and Technology (POSTECH)		71.2	82.4	89.7	80.3	78.7
49=	51-100	University of Hong Kong (HKU)		70.5	87.5	87.9	73.7	78.7

Subject Engineering - Civil & Structural

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	98.1	91.1	80.1	95.1
2	2=	University of Cambridge		92.8	97.9	91.1	79.0	92.0
3	4	Imperial College London		94.5	91.0	90.9	85.9	91.6
4	7=	Delft University of Technology		96.6	85.1	82.1	88.5	89.8
5	5=	Tsinghua University		86.3	93.3	86.8	94.7	89.7
6	5=	National University of Singapore (NUS)		88.8	90.6	91.9	86.8	89.5
7	2=	University of California, Berkeley (UCB)		98.5	78.8	90.0	84.1	89.2
8	7=	Stanford University		93.5	93.6	82.9	69.1	88.3
9	14	Politecnico di Milano		81.9	91.6	88.7	87.7	86.7
10	10=	The Hong Kong Polytechnic University		83.9	79.2	94.9	100.0	86.6
11	9	University of Hong Kong (HKU)		82.9	90.2	89.0	85.0	86.3
12	12	The University of Tokyo		91.8	93.3	73.0	70.5	86.2
13	18	Kyoto University		84.8	100.0	73.6	74.4	86.1
14	17	Georgia Institute of Technology (Georgia Tech)		86.3	82.8	87.9	89.4	86.0
15	16	The University of New South Wales (UNSW)		83.4	92.1	84.4	80.1	85.7
16	13	University of Oxford		81.9	97.5	79.9	75.6	85.3
17	10=	ETH Zurich (Swiss Federal Institute of Technology)		91.9	75.6	89.4	82.1	85.2
18	19	University of Illinois at Urbana-Champaign		94.4	69.4	86.2	87.7	84.7
19	15	KAIST - Korea Advanced Institute of Science and Technology		80.7	85.8	93.6	82.1	84.4
20	23	Ecole Polytechnique Fédérale de Lausanne (EPFL)		85.4	74.9	93.3	87.7	83.8
21=	22	Nanyang Technological University (NTU)		82.4	79.7	90.9	87.7	83.7
21=	21	The University of Sydney		79.9	86.8	91.2	80.1	83.7
23	20	University of Texas at Austin		92.4	75.7	85.4	74.4	83.6
24=	24	Seoul National University (SNU)		80.5	89.5	82.7	79.0	83.3
24=	26	The Hong Kong University of Science and Technology (HKUST)		84.8	89.2	83.1	67.7	83.3
26	25	The University of Melbourne		79.8	89.1	86.8	76.8	83.2
27	28	Purdue University		84.7	78.5	85.7	81.1	82.5
28	27	University of Michigan		82.5	78.8	89.2	81.1	82.2
29	33	National Taiwan University (NTU)		79.4	85.4	83.7	79.0	81.8
30	29	Monash University		71.8	90.2	87.6	77.9	80.6
31=	43=	Tokyo Institute of Technology		75.9	98.9	68.6	67.7	80.5
31=	37	Tongji University		86.0	70.7	74.0	91.8	80.5
33	31	University of Toronto		81.9	77.8	87.4	74.4	80.4
34=	35	Politecnico di Torino		72.1	84.5	89.0	84.1	80.2
34=	34	Universitat Politècnica de Catalunya		80.2	77.0	85.6	81.1	80.2
36	32	Shanghai Jiao Tong University		70.7	86.8	90.0	82.1	80.1
37=	48=	The University of Western Australia (UWA)		74.2	83.5	84.7	81.1	79.6
37=	30	University of British Columbia		81.8	73.1	87.5	79.0	79.6
39	38=	The University of Auckland		74.4	86.9	82.1	73.2	79.1
40=	38=	Texas A&M University		77.9	71.6	82.7	86.8	78.1
40=	36	The University of Manchester		74.4	77.6	87.2	80.1	78.1
42=	42	National Technical University of Athens		71.6	76.5	89.8	85.0	77.8
42=	51-100	The University of Queensland (UQ)		73.2	84.5	79.0	75.6	77.8
44	43=	Hanyang University		66.3	86.2	87.0	81.1	77.6
45	41	KTH, Royal Institute of Technology		72.2	70.7	93.9	87.7	77.3
46=	51-100	Politécnica de Madrid		71.6	82.8	80.6	76.8	77.1
46=	51-100	Universiti Malaya (UM)		65.1	91.2	86.3	71.9	77.1
48	46	City University of Hong Kong		66.1	74.6	100.0	87.7	77.0
49=	47	Technical University of Denmark		74.4	62.9	95.7	91.8	76.8
49=	51-100	Zhejiang University		67.6	89.7	76.6	75.6	76.8

Subject Engineering - Electrical & Electronic

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	100.0	93.1	96.2	98.4
2	2	Stanford University		96.5	95.4	94.5	93.5	95.4
3	3	University of California, Berkeley (UCB)		94.7	89.3	94.6	95.6	93.2
4	5	University of Cambridge		92.0	97.3	90.6	82.5	92.0
5	9	Imperial College London		89.0	89.9	93.0	93.1	90.5
6	8	Harvard University		86.2	98.5	94.1	81.2	90.3
7	11	University of Oxford		86.8	96.1	93.9	80.2	89.7
8	7	Tsinghua University		84.7	92.3	87.3	99.0	89.5
9	4	University of California, Los Angeles (UCLA)		93.7	82.6	91.7	88.6	89.3
10	12	National University of Singapore (NUS)		85.6	88.5	93.9	95.2	89.2
11	10	ETH Zurich (Swiss Federal Institute of Technology)		89.9	83.3	92.9	92.4	88.7
12	6	Nanyang Technological University (NTU)		83.8	86.2	93.5	99.3	88.3
13=	15	California Institute of Technology (Caltech)		91.3	85.5	87.8	83.5	87.9
13=	13	The University of Tokyo		88.1	95.7	79.2	80.5	87.9
15	16	Georgia Institute of Technology (Georgia Tech)		85.8	85.1	91.0	95.2	87.8
16	14	Ecole Polytechnique Fédérale de Lausanne (EPFL)		91.2	77.8	93.0	88.8	87.1
17	17	KAIST - Korea Advanced Institute of Science and Technology		83.7	87.1	88.7	91.7	86.7
18	23=	Carnegie Mellon University		84.1	84.9	90.4	82.2	85.0
19	20	Seoul National University (SNU)		79.7	89.6	88.1	86.4	84.9
20	19	Tokyo Institute of Technology		83.7	88.8	82.6	82.2	84.8
21	22	Peking University		78.8	91.3	85.6	85.9	84.6
22	18	University of Illinois at Urbana-Champaign		85.6	77.7	91.4	87.5	84.4
23	29	The Hong Kong University of Science and Technology (HKUST)		80.8	86.0	90.2	83.2	84.1
24	30=	University of Toronto		81.3	82.9	91.1	85.6	83.9
25=	27=	National Taiwan University (NTU)		78.1	90.3	85.6	83.8	83.7
25=	21	University of Texas at Austin		81.0	77.5	93.8	93.3	83.7
27	25	University of Michigan		81.6	81.0	89.7	87.8	83.6
28=	26	KTH, Royal Institute of Technology		84.5	76.4	88.6	88.3	83.3
28=	27=	Princeton University		82.5	81.0	91.0	82.5	83.3
30	23=	Universiti Malaya (UM)		71.3	82.0	100.0	100.0	83.1
31	37	Shanghai Jiao Tong University		76.9	85.5	85.8	90.6	82.9
32=	39=	Delft University of Technology		82.0	77.5	87.3	91.0	82.8
32=	34	University of Hong Kong (HKU)		76.0	86.3	92.5	84.4	82.8
34	35	The University of Melbourne		78.6	87.0	89.5	76.8	82.5
35	50	Politecnico di Milano		73.7	91.8	84.8	82.2	82.1
36	48	The University of New South Wales (UNSW)		74.7	84.4	91.7	86.7	82.0
37	41	Technische Universität München		82.1	79.3	84.8	82.2	81.7
38	32=	The Chinese University of Hong Kong (CUHK)		79.4	81.2	89.9	79.8	81.6
39	39=	Cornell University		80.2	78.2	91.7	79.8	81.3
40	36	Aalborg University		77.4	70.4	96.7	97.0	81.1
41	32=	Columbia University		79.3	76.1	93.2	82.9	81.0
42	42	Purdue University		78.4	78.4	86.8	86.2	80.8
43	51-100	The University of Manchester		78.5	79.8	88.1	80.9	80.7
44	43	National Chiao Tung University		71.5	89.2	83.3	83.5	80.4
45=	30=	National Tsing Hua University		70.5	88.6	86.6	83.8	80.3
45=	51-100	Rheinisch-Westfälische Technische Hochschule Aachen		76.3	79.7	89.2	83.5	80.3
45=	45	University of British Columbia		74.9	77.8	92.0	87.8	80.3
48	38	University of California, San Diego (UCSD)		83.6	68.1	89.7	85.6	80.2
49	46=	Zhejiang University		68.8	81.9	88.7	97.5	80.0
50	51-100	Politecnico di Torino		73.0	86.5	84.3	79.8	79.8

Subject Engineering - Mechanical, Aeronautical & Manufacturing

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	100.0	92.7	100.0	98.9
2	2	Stanford University		95.4	95.2	98.7	99.5	96.5
3	3	University of Cambridge		92.4	97.9	89.9	93.2	93.8
4	4=	Harvard University		86.7	98.7	98.2	87.8	92.2
5	4=	University of California, Berkeley (UCB)		94.0	88.2	94.5	92.5	92.1
6	6	University of Michigan		96.9	84.3	85.0	94.7	91.0
7	7	University of Oxford		87.7	96.7	91.8	87.1	90.9
8	9	Imperial College London		89.9	91.8	87.7	88.6	89.9
9	8	The University of Tokyo		90.3	97.1	78.3	85.4	89.8
10	12	Georgia Institute of Technology (Georgia Tech)		88.7	87.9	86.4	97.6	89.5
11	10	Tsinghua University		85.6	93.3	80.5	95.3	88.6
12	13	National University of Singapore (NUS)		85.5	88.5	90.4	91.5	88.0
13	18	Delft University of Technology		92.4	82.6	82.1	87.5	87.2
14=	14	California Institute of Technology (Caltech)		91.5	85.0	81.6	85.0	87.1
14=	11	Nanyang Technological University (NTU)		82.9	85.9	92.5	95.0	87.1
16	15=	KAIST - Korea Advanced Institute of Science and Technology		84.0	87.4	88.9	91.8	86.9
17	29	Politecnico di Milano		85.3	93.0	79.8	83.6	86.5
18=	21	Peking University		78.4	92.1	91.6	90.5	86.3
18=	17	Seoul National University (SNU)		81.1	90.2	86.9	91.8	86.3
20	15=	ETH Zurich (Swiss Federal Institute of Technology)		88.4	81.8	87.6	86.6	86.0
21	19	University of California, Los Angeles (UCLA)		84.7	81.9	94.6	87.5	85.8
22	20	Purdue University		90.2	81.9	81.0	85.0	85.6
23	24	Rheinisch-Westfälische Technische Hochschule Aachen		89.1	82.1	79.5	82.7	84.6
24	23	The Hong Kong University of Science and Technology (HKUST)		80.8	85.3	89.0	82.7	83.7
25	27=	Shanghai Jiao Tong University		79.6	86.5	80.3	91.2	83.5
26	30	Tokyo Institute of Technology		84.0	91.5	76.2	71.9	83.3
27=	36	Ecole Polytechnique Fédérale de Lausanne (EPFL)		80.3	80.0	91.2	87.8	83.0
27=	22	Kyoto University		80.2	92.8	77.7	76.4	83.0
29	35	Technische Universität München		84.1	81.8	78.2	79.2	81.8
30	31	Tohoku University		79.0	86.1	80.4	81.7	81.7
31	34	Princeton University		81.4	78.0	87.6	80.2	81.1
32	39=	KTH, Royal Institute of Technology		87.8	73.6	80.0	78.7	81.0
33	42	University of Hong Kong (HKU)		76.9	86.4	86.4	75.2	80.9
34	39=	McGill University		81.0	80.2	81.6	79.7	80.7
35	43	National Taiwan University (NTU)		75.9	86.8	83.5	77.5	80.6
36=	37	Northwestern University		77.7	73.6	92.9	87.5	80.2
36=	32	University of Toronto		75.7	79.9	87.0	86.2	80.2
38=	26	Cornell University		75.7	76.6	91.1	85.0	79.7
38=	51-100	The University of Manchester		77.8	78.1	84.7	83.2	79.7
40	39=	Texas A&M University		80.1	77.0	79.7	83.6	79.6
41=	46=	Fudan University		62.4	85.8	100.0	91.5	79.4
41=	33	Universiti Malaya (UM)		73.6	86.5	83.8	76.4	79.4
43	27=	University of Texas at Austin		73.8	75.9	88.5	91.2	79.2
44	50	Sungkyunkwan University		67.9	85.2	90.8	85.0	79.1
45	45	Cranfield University		82.9	75.3	78.5	75.8	78.9
46	49	Pohang University of Science and Technology (POSTECH)		73.1	82.4	87.2	78.7	78.8
47=	51-100	Korea University		69.1	87.7	84.6	80.2	78.7
47=	51-100	The University of Sydney		76.1	81.3	83.6	75.8	78.7
47=	51-100	Universität Stuttgart		79.7	77.1	80.4	77.5	78.7
50	38	National Tsing Hua University		70.5	83.6	88.4	80.2	78.6

Subject Engineering - Mineral & Mining

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Colorado School of Mines		100.0	81.7	86.1	82.1	91.6
2	2	Curtin University		60.0	82.7	96.0	100.0	75.9
3	6=	McGill University		65.8	81.0	92.2	86.1	75.8
4	9	Technische Universität Bergakademie Freiberg		67.0	71.7	88.7	75.5	72.5
5	4	Pennsylvania State University		60.8	67.1	95.2	94.0	72.2
6	6=	Queen's University		61.7	81.0	88.6	76.9	71.9
7	11	The University of Western Australia (UWA)		52.2	82.2	94.0	99.3	71.5
8	10	Universidad de Chile		59.9	77.5	90.5	80.3	71.1
9	5	The University of New South Wales (UNSW)		53.2	86.3	88.8	82.7	69.6
10	3	The University of Queensland (UQ)		53.9	86.3	87.2	81.5	69.5
11	6=	University of British Columbia		54.9	76.3	91.1	85.0	69.1
12	13	University of Arizona		57.1	54.0	97.5	96.4	68.4
13	14	The University of Melbourne		42.4	89.0	95.5	83.9	65.9
14	18=	University of Alberta		49.8	69.2	89.6	90.5	65.8
15	22=	University of The Witwatersrand		52.2	74.2	87.7	76.2	65.5
16=	43	Cambridge School of Mines, University of Exeter		54.7	67.9	89.3	73.2	65.3
16=	15	St.Petersburg Mining University		72.2	100.0	39.3	22.0	65.3
16=	20	The University of Adelaide		47.3	73.4	93.2	86.6	65.3
19	27	China University of Mining and Technology		59.1	54.0	80.2	85.5	65.2
20	12	Rheinisch-Westfälische Technische Hochschule Aachen		51.5	75.5	87.1	73.2	64.9
21	34	Laval University		52.5	65.3	88.8	76.9	64.2
22	16	Universidad Nacional Autónoma de México (UNAM)		48.7	72.7	86.2	82.1	64.1
23	24=	Kyushu University		49.3	80.8	80.9	74.0	64.0
24	26	University of Wollongong		46.5	73.7	90.6	79.6	63.5
25	17	University of Toronto		39.5	80.2	94.4	89.1	63.3
26	18=	University of Utah		61.2	37.5	87.1	77.6	62.8
27	39	Virginia Polytechnic Institute (Virginia Tech)		46.0	57.1	88.9	86.6	60.7
28	22=	Universidad de Concepción		47.0	67.9	79.8	64.0	58.7
29	24	Indian School of Mines (ISM) University, Dhanbad		57.5	47.2	75.2	59.5	58.4
30=	31	National University of Science and Technology "MISIS"		55.1	98.8	43.8	29.1	58.2
30=	30	University of Newcastle		38.1	73.7	86.3	76.2	58.2
30=	50=	Waseda University		43.6	85.7	71.4	56.9	58.2
33	25	Universidade de São Paulo (USP)		36.7	73.7	83.9	81.5	57.9
34		University of Colorado at Boulder		35.6	55.9	94.5	97.9	57.8
35	33	AGH University of Science and Technology		53.1	52.0	73.9	64.0	57.6
36	31	Istanbul Technical University		40.5	66.3	83.4	76.2	57.5
37=	46	Ruhr-Universität Bochum		40.5	59.8	90.2	77.6	57.4
37=	29	University of Illinois at Urbana-Champaign		35.7	69.9	88.7	81.5	57.4
39	28	Central South University		49.9	51.5	74.6	72.4	57.3
40=	35=	Indian Institute of Technology Kharagpur (IITKGP)		35.8	76.0	85.5	74.7	57.1
40=	21	King Fahd University of Petroleum & Minerals (KFUPM)		46.8	83.9	63.1	49.5	57.1
42	40=	University of Southampton		34.2	68.0	90.9	84.4	57.0
43=	42	Nanjing University		23.1	79.6	95.6	98.2	56.5
43=	35=	Universiti Sains Malaysia (USM)		43.1	75.5	72.7	59.5	56.5
43=	49	Wuhan University		34.1	81.2	80.4	74.0	56.5
46	38	University of Science and Technology Beijing		49.3	51.9	74.7	68.0	56.4
47		Universiti Malaya (UM)		41.5	81.7	71.2	56.9	56.3
48=		Chulalongkorn University		48.4	72.6	64.7	51.2	56.1
48=		National Cheng Kung University		34.0	81.2	82.3	69.8	56.1
50		Western University		33.6	69.2	89.3	79.0	55.9

QS World University Rankings by Subject: Methodology



Martin Ince

Chair of the Global Academic Advisory Board of the QS World University Rankings
and writer and journalist in the fields of higher education and science

There is long-running policy debate about whether investment in higher education produces economic growth, or if it would be truer to say that as nations grow, they put more money into universities. But there is no doubt that the recent rise in the economic power of Asian nations, and the growing affluence of their populations, has been accompanied by higher spending on universities, which has in turn led to these nations seeing their higher education systems become increasingly globally competitive.

One sign of this success is the fact that five Asian nations – China, South Korea, Japan, Taiwan and Hong Kong – are in the top 20 of our analysis of national higher education system strength, with Singapore just behind them in 21st place.

But how has this success been achieved? Because these nations desire economic growth and innovation, it is often believed that they have put most of their university investment into STEM – the science, technology, engineering and maths subjects. But now, the growing power of the QS World

University Rankings by Subject allows us to confirm this belief. Our analysis of world standing in 48 subjects covers an extensive range of university disciplines and the vast majority of university activity, whether measured in terms of student numbers or research spending. We can use it to tell whether the Asian drive for academic excellence has been concentrated on subjects that might feed new industries directly, or if investment has taken place across the board.

One definite contemporary change in the way new knowledge is used is that apparently theoretical discoveries become practicable innovation far faster than in the past. Asian nations have acknowledged this reality by devoting resources into pure science as well as into engineering subjects. There are eight Asian universities—from China, Japan, Korea and Singapore—in the top 20 of this year's ranking for Chemistry. For Physics, the total is a more modest four universities. For Mathematics, the total is three. For the strategically vital area that is Materials Science, Asian institutions are in seven of the top 20 positions, including two Singaporean

institutions in third and eighth.

In addition, this ranking illuminates these Asian nations' commitment to technology. In Electrical and Electronic Engineering, perhaps the core technology for the information age, there are seven Asian nations in the top 20, and another, Peking, at 21st. This is impressive for a subject which is naturally dominated by the giants of US technology research such as MIT, Stanford and Berkeley. Turning to Mechanical Engineering – the home base for aerospace, robotics and novel vehicles – we again find seven Asian representatives in the top 20. Also important is Chemical Engineering, the essential skill for making new materials en masse. There are eight Asian institutions in our top 20 for this subject.

By contrast, these results show that Asian universities and nations put far fewer resources into pressing issues of sustainability. Climate change is an acute threat for millions of people in Asia. But only two of its universities, both in Singapore, are in our top 20 for the Environmental Sciences and

only one, Tokyo, for the Earth sciences. Much the same applies to the various branches of Medical Science analysed in this ranking.

To find out whether Asian success in STEM fields is replicated in the rest of the university curriculum, a good starting point might be philosophy, a central humanities discipline. Its Asian form can feel very different from the western version. As Asian nations become more global and propagate their research more widely, we can expect their approach to subjects such as Philosophy to become more widely acknowledged around the world.

Our evidence suggests that this process has yet to begin. The highest-ranked Asian university for philosophy is Peking, in 41st place. The first 40 are in Western Europe, North America, Australia and New Zealand.

Asia is a little better-placed in that other humanities mainstay, history. Tokyo is the top Asian institution for the subject, in 22nd place. It has fallen two places since 2017, typical of a slight deceleration of the Asian rise these rankings. There are five Asian entries in the top 50 for history.

The picture is a little more favourable for Asian universities if we assess the study of Linguistics, where Peking is 10th in the world, one place ahead of

the University of Hong Kong. Tokyo is 17th and the National University of Singapore is 21st. Also of interest is our analysis of the Performing Arts, including music. Here the Indonesian Institute of the Arts Yogyakarta is 17th and is the top Asian entrant, perhaps reflecting growing global interest in gamelan music and other aspects of Indonesian culture.

In contrast to the humanities, many of the social sciences are directly connected to specific jobs and careers. Teaching, in many nations the biggest university subject by student numbers, is one example. So is Economics, a prime provider of public servants, bankers and of course, politicians.

A look at education in these rankings illuminates Asian excellence. Hong Kong University is in 7th place in the world, with the Hong Kong Institute of Education 9th. Nanyang Technological University in Singapore is 16th.

The picture is far less favourable for economics. Perhaps students of this subject have a stronger sense than most of the market value of a degree from a world-famous university. This might explain why the top 15 institutions in this ranking all hail from the US or the UK. Here the top Asian entrant is the National University of Singapore at 20th. It is one of eight Asian universities ranked here between 20 and 50.

Finally, the two subjects we offer for the first time this year each reveal an interesting tale. Library and Information Studies, like economics, has no highly-placed Asian entrants, despite its importance to society and its low entry cost for ambitious institutions. Here the top Asian institutions are Nanyang at 18 and National Taiwan University at 19. However, there are 12 Asian entries in the top 50, including an intriguing three from Taiwan.

Finally, we look this year for the first time at Classics and Ancient history. Since Classics is essentially the study of the ancient Mediterranean region, it would be unfair to expect Tokyo or Taipei to be major centres of excellence in this area. There are seven Italian universities in the 50 we have published, plus one from Greece, but Kyushu University in Japan at 46 is the only Asian institution to feature.



Subject Area Life Sciences & Medicine								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		100.0	97.3	91.9	100.0	97.7
2=	2	University of Cambridge		98.4	100.0	89.9	91.1	94.6
2=	3	University of Oxford		97.3	99.3	89.6	93.4	94.6
4	4	Massachusetts Institute of Technology (MIT)		92.8	94.5	100.0	83.8	92.5
5=	6	Johns Hopkins University		96.1	73.0	88.7	96.8	92.1
5=	5	Stanford University		94.2	90.4	89.8	91.6	92.1
7	7	Karolinska Institute		97.3	80.3	84.8	88.1	90.2
8	11	UCL (University College London)		88.9	85.6	86.0	92.1	88.6
9	8	University of California, Los Angeles (UCLA)		90.4	78.9	87.6	90.0	88.5
10	9	University of California, San Francisco (UCSF)		91.9	54.1	91.7	91.9	88.1
11	12	Imperial College London		91.9	89.2	85.6	83.4	87.9
12	10	Yale University		90.0	85.8	87.1	85.4	87.7
13	15	University of Toronto		86.8	79.6	85.6	92.8	87.3
14	13	The University of Melbourne		90.4	99.0	81.2	81.7	86.8
15	17	The University of Sydney		90.8	93.0	81.2	83.2	86.7
16	21	University of Edinburgh		87.7	81.9	87.1	84.5	86.2
17	18	King's College London (KCL)		88.7	79.4	85.4	84.7	85.9
18	14	University of California, Berkeley (UCB)		93.2	79.1	88.2	74.2	85.8
19	16	University of California, San Diego (UCSD)		86.9	66.6	88.4	88.3	85.6
20=	19	Duke University		81.8	72.0	88.3	89.2	84.3
20=	22	The University of Tokyo		92.8	92.0	76.4	75.7	84.3
22=	20	National University of Singapore (NUS)		92.2	91.6	79.8	72.9	84.2
22=	23=	University of Washington		83.1	65.9	86.2	91.1	84.2
24	23=	University of Pennsylvania		79.5	73.2	87.8	92.1	84.1
25=	26	Columbia University		79.4	76.3	88.7	89.2	83.9
25=	27	University of Copenhagen		82.8	80.6	83.8	86.9	83.9
27	25	Cornell University		86.6	73.3	84.2	82.9	83.7
28	28=	Monash University		87.4	94.5	79.5	76.0	83.3
29	31	University of Michigan		80.1	70.3	86.0	90.5	83.2
30	32	The University of Queensland (UQ)		88.6	89.6	77.8	75.7	82.8
31	28=	University of British Columbia		85.4	73.4	81.9	81.5	82.4
32	28=	McGill University		84.4	76.6	83.2	79.9	82.2
33	33	Washington University in St. Louis		79.5	53.1	89.5	87.3	81.3
34	35=	University of Amsterdam		79.2	69.3	85.6	82.9	80.7
35=	38=	London School of Hygiene & Tropical Medicine		78.0	67.2	89.7	81.0	80.6
35=	50	The University of Manchester		83.0	78.1	82.1	76.3	80.6
37	35=	Seoul National University (SNU)		87.0	84.2	76.2	72.6	80.4
38	38=	University of North Carolina, Chapel Hill		77.8	67.4	85.1	84.7	80.3
39	37	University of Chicago		77.0	75.1	86.8	80.2	80.1
40=	41=	Ruprecht-Karls-Universität Heidelberg		79.8	72.7	82.5	79.7	79.7
40=	34	University of Hong Kong (HKU)		86.3	85.9	78.4	67.8	79.7
42	41=	Boston University		76.1	63.6	86.3	85.0	79.6
43	44=	Ludwig-Maximilians-Universität München		79.7	73.8	80.5	80.5	79.5
44	60=	Utrecht University		77.9	67.4	84.2	81.2	79.3
45=	48	University of Glasgow		78.7	74.6	86.4	74.8	79.2
45=	43	University of Zurich		78.4	75.3	83.1	78.3	79.2
47	40	Kyoto University		87.6	89.8	74.8	65.3	79.0
48	62=	University of Bristol		78.2	76.9	84.2	75.4	78.9
49=	44=	New York University (NYU)		76.1	69.9	85.3	80.2	78.8
49=	44=	The University of New South Wales (UNSW)		80.8	91.9	78.2	70.8	78.8

Subject Agriculture & Forestry								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Wageningen University		100.0	80.7	91.7	100.0	96.4
2	2	University of California, Davis (UCD)		96.2	81.3	92.3	99.1	94.5
3	3	Cornell University		81.8	74.4	93.5	99.1	86.9
4	4	Swedish University of Agricultural Sciences		90.7	54.7	89.1	88.7	86.4
5	5	University of California, Berkeley (UCB)		80.4	58.5	97.5	95.1	84.6
6	10	University of Reading		87.3	69.2	91.1	75.3	83.9
7	6	University of Wisconsin-Madison		82.5	59.8	91.5	89.8	83.5
8	7	Michigan State University		80.6	61.4	90.7	93.6	83.3
9	8	Purdue University		84.9	66.2	86.4	82.2	82.8
10	9	Agro, ParisTech		92.0	100.0	73.9	59.6	82.7
11	16=	ETH Zurich (Swiss Federal Institute of Technology)		80.6	55.6	93.6	89.8	82.5
12	16=	University of British Columbia		72.3	66.3	93.1	94.6	80.3
13	11	Iowa State University		80.3	58.5	87.8	82.6	80.1
14	12	The University of Tokyo		77.8	78.2	83.5	81.5	79.7
15	23=	Norwegian University of Life Sciences (UMB)		89.1	25.1	86.7	74.4	79.3
16	20	China Agricultural University		81.0	65.3	77.6	81.2	78.8
17=	18	University of Copenhagen		70.1	75.6	89.1	91.0	78.6
17=	25	University of Guelph		72.5	77.3	87.0	86.2	78.6
19=	21	Australian National University (ANU)		65.6	88.5	93.7	89.5	78.3
19=	22	Texas A&M University		80.2	64.0	81.0	78.1	78.3
21	13=	University of Illinois at Urbana-Champaign		77.3	61.1	85.5	81.9	78.2
22=	27	Massey University		76.0	88.3	84.7	71.2	78.0
22=	13=	Oregon State University		76.4	41.7	88.8	89.3	78.0
24	15	Pennsylvania State University		68.9	61.1	100.0	86.9	77.9
25	19	The University of Queensland (UQ)		67.4	87.2	88.0	87.8	77.6
26	26	University of Florida		71.3	56.9	85.2	92.8	76.9
27	23=	North Carolina State University		79.1	29.0	84.6	84.9	76.4
28	31=	The University of Melbourne		64.0	82.9	90.7	85.6	75.6
29	45	Washington State University		69.2	67.2	86.0	82.6	75.0
30=	28	Kyoto University		73.4	73.8	79.4	74.0	74.8
30=	39=	Ohio State University		69.1	62.1	86.9	83.3	74.8
32	31=	The University of Western Australia (UWA)		61.8	78.3	90.5	89.0	74.6
33	30	Yale University		64.4	57.3	95.2	86.9	74.4
34=	38	Seoul National University (SNU)		71.6	77.4	81.9	70.3	74.0
34=	31=	Universität Hohenheim		74.9	61.3	82.7	69.3	74.0
36	35=	Universidade de São Paulo (USP)		71.2	64.5	76.6	82.6	73.9
37=	37	University of Minnesota		67.8	35.4	90.6	91.0	73.8
37=	39=	University of Nebraska		71.4	51.9	85.2	79.3	73.8
39	35=	Universität für Bodenkultur Wien		77.9	27.5	87.6	71.2	73.5
40=	29	Kasetsart University		76.4	75.7	73.9	63.9	73.3
40=	46	University of Ghent		68.0	34.2	89.6	89.8	73.3
42=	42	The University of Sydney		61.5	79.1	88.1	83.9	73.1
42=	34	Warsaw University of Life Sciences		82.7	48.6	74.9	59.6	73.1
44	39=	Lincoln University		66.5	82.1	90.1	67.2	72.9
45	51-100	Aarhus University		62.6	67.2	87.1	85.9	72.6
46	44	The University of Georgia		67.0	47.8	85.0	85.9	72.5
47	51-100	Nanjing Agricultural University		71.7	55.9	80.1	74.8	72.4
48	51-100	Georg-August-Universität Göttingen		67.4	41.4	88.2	84.3	72.3
49	51-100	Technische Universität München		65.4	55.0	88.9	79.3	71.8
50	51-100	Colorado State University		64.0	39.9	90.0	86.5	71.3

Subject Anatomy & Physiology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Oxford		98.8	93.9	93.4	94.2	95.8
2	2	University of Cambridge		100.0	94.7	91.7	90.6	95.0
3	6	Columbia University		96.6	67.1	99.1	98.5	94.8
4	4=	Stanford University		92.9	85.9	92.2	92.0	91.8
5	3	McGill University		98.0	81.4	89.2	87.1	91.4
6	7	Johns Hopkins University		89.2	73.7	92.9	97.8	90.7
7	4=	UCL (University College London)		88.9	67.2	91.6	96.6	89.3
8=	11	The University of Melbourne		87.1	100.0	85.4	88.1	88.2
8=	8	University of Toronto		82.7	82.7	88.7	98.5	88.2
10	10	The University of Sydney		82.1	99.1	87.7	89.1	87.0
11	16	University of Copenhagen		75.1	86.8	91.0	100.0	86.5
12	9	The University of Tokyo		86.6	83.7	86.6	86.6	86.3
13	13=	The University of Western Australia (UWA)		84.7	90.0	90.0	82.7	86.1
14	18	Australian National University (ANU)		87.1	97.3	89.9	75.4	85.9
15	27	The University of Manchester		91.7	73.1	87.5	78.9	85.6
16	13=	King's College London (KCL)		80.2	61.6	96.5	90.6	85.0
17	12	University of Michigan		80.8	68.3	91.0	91.5	84.8
18=	34	The University of Auckland		90.9	99.2	79.3	72.3	84.2
18=	15	University of Bristol		85.8	69.0	91.2	80.8	84.2
18=	20	University of Zurich		83.4	51.9	89.2	93.3	84.2
21	32	Universitat de Barcelona (UB)		87.2	71.4	90.0	76.8	83.7
22	21	Duke University		76.5	65.0	96.2	89.6	83.6
23	19	University of British Columbia		77.7	79.3	89.0	88.6	83.4
24	26	Monash University		78.6	78.4	91.0	84.4	83.1
25	17	University of Pennsylvania		66.3	86.9	94.5	95.8	82.8
26	28	University of California, Davis (UCD)		71.2	80.2	91.0	92.4	82.4
27	42	Università degli Studi di Padova (UNIPD)		77.8	65.3	91.5	85.0	81.8
28	22=	University of Edinburgh		80.4	62.2	91.9	80.8	81.6
29	24	University of Otago		78.1	98.1	87.5	73.1	81.2
30	22=	The University of New South Wales (UNSW)		73.9	83.8	87.2	85.5	81.1
31=	35	Baylor College of Medicine		78.8	60.3	94.5	77.5	80.6
31=	39=	University of Lausanne		79.5	55.7	92.8	80.2	80.6
33	25	Peking University		80.2	87.5	79.9	78.2	80.4
34	29	Université de Montréal		71.3	80.3	88.6	85.5	80.1
35	36=	McMaster University		63.7	70.3	96.0	91.1	79.3
36	31	University of Leeds		68.9	73.1	95.3	80.8	78.9
37	46=	National University of Singapore (NUS)		83.1	72.3	88.7	64.1	78.7
38	33	Ludwig-Maximilians-Universität München		76.4	60.3	87.8	80.2	78.6
39	51-100	University of Florida		73.6	45.5	87.0	90.1	78.3
40	48=	The University of Adelaide		73.3	74.4	87.8	77.5	78.1
41	51-100	University of Illinois, Chicago (UIC)		80.3	63.3	86.8	71.5	78.0
42	39=	Pennsylvania State University		74.8	49.2	87.1	85.0	77.9
43	45	University of Washington		62.8	63.4	94.6	90.1	77.6
44	36=	The University of Nottingham		62.5	68.2	94.6	87.6	77.4
45	51-100	Northwestern University		61.8	64.8	93.9	90.6	77.3
46=	46=	Katholieke Universiteit Leuven		70.7	68.0	87.7	80.8	77.2
46=	51-100	The University of Texas Southwestern Medical Center at Dallas		72.1	5.3	98.5	92.9	77.2
46=	50	Universidad Nacional Autónoma de México (UNAM)		76.6	77.0	80.9	74.6	77.2
49	51-100	Ohio State University		70.9	53.9	88.0	85.5	77.1
50	39=	University of Wisconsin-Madison		65.9	58.2	90.3	89.1	77.0

Subject Biological Sciences

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		100.0	100.0	90.9	100.0	97.7
2	2	Massachusetts Institute of Technology (MIT)		95.0	96.8	100.0	90.9	95.4
3	3	University of Cambridge		98.7	98.4	87.3	90.1	93.7
4	4	University of Oxford		97.5	97.4	85.1	90.7	92.7
5	5	Stanford University		95.0	93.3	89.4	90.7	92.4
6	6	University of California, Berkeley (UCB)		95.2	89.6	89.7	80.4	89.6
7=	11	University of California, San Diego (UCSD)		90.1	77.5	86.6	85.9	86.9
7=	7	Yale University		89.9	88.2	85.7	82.9	86.9
9	9	University of California, Los Angeles (UCLA)		89.6	83.8	84.6	83.5	86.2
10	22	Johns Hopkins University		86.8	79.9	83.9	87.3	85.5
11	8	California Institute of Technology (Caltech)		94.3	81.8	89.0	68.2	85.2
12	10	ETH Zurich (Swiss Federal Institute of Technology)		96.5	84.7	80.8	70.8	85.0
13	14	Cornell University		86.7	82.8	84.4	82.7	84.7
14	25	UCL (University College London)		84.9	85.3	80.9	86.4	84.3
15	12	The University of Tokyo		90.6	89.3	77.1	79.2	84.2
16	13	University of Toronto		83.0	91.2	81.4	85.5	84.0
17	16	Columbia University		82.5	81.9	86.3	83.2	83.6
18	17	Princeton University		90.4	86.2	87.2	66.3	83.2
19	19=	Imperial College London		88.3	84.0	79.2	78.3	83.1
20	18	University of California, San Francisco (UCSF)		79.6	58.5	92.0	89.1	83.0
21	19=	National University of Singapore (NUS)		88.1	87.2	79.2	76.6	82.9
22	21	University of Pennsylvania		78.3	80.3	85.1	86.7	82.3
23	23=	The University of Melbourne		82.4	91.0	79.5	79.3	81.8
24=	26	University of Edinburgh		83.7	77.6	82.6	79.2	81.7
24=	23=	University of Washington		80.6	72.3	83.4	85.5	81.7
26	30	University of Michigan		77.6	79.0	83.1	87.4	81.6
27	29	University of Chicago		80.9	78.0	86.0	78.4	81.3
28	15	Kyoto University		85.7	87.2	78.2	73.6	81.0
29	27=	University of California, Davis (UCD)		88.9	70.4	78.8	73.4	80.7
30	37	University of Copenhagen		80.2	77.1	80.4	82.0	80.4
31	38	Karolinska Institute		79.7	81.1	79.2	82.2	80.3
32	33	Duke University		79.7	79.4	82.0	79.2	80.1
33	34	University of British Columbia		83.5	81.5	79.1	74.6	80.0
34=	27=	Rockefeller University		81.5	36.4	95.6	76.5	79.3
34=	40	The University of Queensland (UQ)		81.1	84.0	78.1	75.9	79.3
36	36	Ludwig-Maximilians-Universität München		78.6	76.2	79.9	79.7	79.0
37	32	McGill University		77.1	88.8	77.9	77.3	78.5
38	42	Peking University		83.1	89.0	74.6	69.6	78.2
39	43	New York University (NYU)		75.3	71.3	86.1	77.3	78.1
40=	41	Ruprecht-Karls-Universität Heidelberg		78.2	73.7	80.5	76.4	77.9
40=	39	University of Wisconsin-Madison		81.9	62.4	80.7	74.9	77.9
40=	35	Washington University in St. Louis		73.1	56.2	86.5	85.5	77.9
43	31	Ecole Polytechnique Fédérale de Lausanne (EPFL)		76.7	81.1	85.8	67.3	77.1
44	46	Australian National University (ANU)		87.5	85.8	78.0	55.7	77.0
45=	51-100	Tsinghua University		80.4	87.5	76.5	67.0	76.8
45=	51-100	University of Zurich		75.0	73.0	82.7	75.1	76.8
47	49=	King's College London (KCL)		73.3	68.6	82.8	79.1	76.7
48	44=	Monash University		75.9	88.0	77.6	71.7	76.5
49	51-100	Wageningen University		83.8	76.4	76.8	63.1	76.1
50=	48	The University of Manchester		74.6	72.7	81.3	74.4	76.0
50=	51-100	University of Hong Kong (HKU)		82.1	84.3	76.2	62.7	76.0
50=	51-100	Uppsala University		81.0	62.8	78.1	71.3	76.0

Subject Dentistry

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	I	OVERALL
1	1	University of Hong Kong (HKU)		79.5	90.1	98.6	95.7	91.2
2	4	King's College London (KCL)		85.0	73.0	92.6	95.3	89.2
3	2	University of Michigan		82.3	67.0	92.4	100.0	89.1
4	8	Academic Centre for Dentistry Amsterdam (ACTA)		82.0	67.3	97.1	93.4	88.5
5	3	Tokyo Medical and Dental University		100.0	73.3	85.2	83.9	88.1
6	7	Karolinska Institute		95.7	75.7	88.5	82.0	87.4
7	22	University of Bern		67.7	58.0	100.0	100.0	86.1
8	6	UCL (University College London)		66.3	82.7	94.6	97.1	85.7
9	9	Katholieke Universiteit Leuven		71.5	64.1	99.3	91.9	85.2
10	10	University of Gothenburg		76.0	38.7	97.5	97.1	85.1
11	29=	University of Zurich		67.1	62.1	99.0	96.6	85.0
12	5	Harvard University		73.4	94.8	86.5	90.3	84.5
13	12	University of North Carolina, Chapel Hill		76.8	51.9	92.9	94.3	84.4
14	14	University of Washington		64.7	57.2	95.6	98.4	83.3
15=	11	New York University (NYU)		69.2	72.4	93.2	90.3	83.1
15=	13	Peking University		70.8	87.3	91.4	85.8	83.1
15=	18	Universidade de São Paulo (USP)		66.5	77.0	87.3	97.5	83.1
18	15=	University of Pennsylvania		67.0	77.3	91.3	90.9	82.5
19	19	University of Birmingham		63.2	89.1	95.4	86.4	82.4
20	23	University of British Columbia		62.3	68.0	94.8	90.9	81.2
21	17	Aarhus University		68.4	63.4	95.3	84.6	80.8
22	24	The University of Manchester		71.1	81.9	88.0	82.6	80.7
23		University of Geneva		63.6	56.1	96.5	89.3	80.4
24=	28	The University of Melbourne		65.6	84.5	91.1	82.6	80.2
24=	15=	University of California, Los Angeles (UCLA)		68.8	75.1	89.0	84.6	80.2
26	25	Seoul National University (SNU)		62.9	80.2	89.4	87.6	80.0
27=	21	University of California, San Francisco (UCSF)		75.0	69.8	86.7	80.6	79.7
27=	29=	University of Otago		62.9	77.7	92.4	84.6	79.7
29	20	University of Copenhagen		59.7	61.2	95.6	89.3	79.5
30	36=	Universidad Complutense de Madrid (UCM)		60.4	66.8	95.1	86.4	79.3
31	27	Universidade Estadual de Campinas (Unicamp)		61.6	66.5	88.4	91.9	79.2
32	31	The University of Adelaide		58.2	81.2	92.0	83.9	78.4
33=	35	Malmo University		63.1	54.3	92.8	87.0	78.3
33=	38=	Sichuan University		58.2	51.1	94.2	91.4	78.3
33=	41=	The University of Sydney		63.4	96.7	87.1	78.4	78.3
36	38=	Wuhan University		59.1	69.3	93.8	83.9	78.0
37	33=	Universidade Estadual Paulista "Júlio de Mesquita Filho"		61.6	61.5	86.2	90.3	77.6
38	33=	University of Minnesota		58.2	48.9	92.2	89.8	77.0
39	44	Columbia University		56.4	71.4	88.7	87.0	76.8
40=	36=	Boston University		66.3	63.6	86.3	80.6	76.3
40=	32	Newcastle University		55.8	57.9	93.4	85.8	76.3
42=	26	Osaka University		66.5	82.1	85.5	74.5	76.2
42=	41=	Radboud University Nijmegen		56.8	41.4	96.3	87.0	76.2
42=	48	University of Toronto		58.9	72.3	85.9	85.2	76.2
45		King Saud University (KSU)		50.1	74.9	91.4	85.2	75.5
46=		Ludwig-Maximilians-Universität München		54.8	55.2	93.7	83.3	75.1
46=	49	Yonsei University		56.6	77.3	88.1	79.9	75.1
48	46	University of Oslo		57.8	57.1	90.9	81.3	74.7
49=		Università degli Studi di Milano		48.7	78.1	87.0	87.0	74.6
49=	41=	University of Southern California		58.1	57.0	89.1	82.6	74.6

Subject Pharmacy & Pharmacology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	I	OVERALL
1	1	Harvard University		93.7	100.0	92.3	95.0	94.3
2	2	Monash University		100.0	86.7	90.2	90.2	93.8
3	3	University of Cambridge		90.0	96.4	94.0	90.5	91.8
4	4	University of Oxford		88.8	97.7	93.3	90.5	91.2
5	5	University of California, San Francisco (UCSF)		94.3	57.3	92.8	94.4	90.3
6	6	The University of Nottingham		88.8	65.4	100.0	91.2	89.9
7	8	UCL (University College London)		85.4	77.1	91.6	95.6	88.7
8	11	National University of Singapore (NUS)		81.1	87.1	96.3	91.9	88.2
9	7	King's College London (KCL)		85.9	69.0	93.8	91.2	87.5
10	10	Karolinska Institute		82.3	78.8	93.0	93.5	87.4
11	15	Johns Hopkins University		82.2	75.6	90.9	96.2	87.2
12=	9	The University of Tokyo		85.3	87.8	87.0	88.8	86.9
12=	13	University of California, San Diego (UCSD)		80.6	77.2	93.9	93.8	86.9
14	12	Yale University		81.3	88.6	90.9	89.2	86.4
15	21=	University of Toronto		77.8	91.3	89.7	92.9	85.9
16	14	The University of Manchester		80.9	71.4	94.1	90.2	85.6
17	26=	Imperial College London		78.9	77.2	94.1	90.9	85.5
18	20	The University of Sydney		78.2	85.0	90.3	88.4	84.5
19	21=	University of Michigan		76.3	72.9	92.6	93.2	84.3
20	18	Seoul National University (SNU)		77.2	84.4	88.2	91.2	84.2
21	16	University of North Carolina, Chapel Hill		78.5	53.1	92.4	95.6	83.7
22	19	Purdue University		81.7	61.1	94.7	84.6	83.6
23	30	University of Copenhagen		75.6	70.8	91.6	93.2	83.5
24	17	Leiden University		82.6	51.8	93.4	87.0	83.3
25=	26=	ETH Zurich (Swiss Federal Institute of Technology)		80.9	76.7	90.3	82.5	83.2
25=	31=	The University of Queensland (UQ)		74.3	76.9	92.0	91.2	83.2
27	23	Uppsala University		80.4	63.3	92.4	86.2	83.1
28	29	Katholieke Universiteit Leuven		79.1	67.5	89.7	88.1	82.8
29=	24	Peking University		78.1	79.4	84.6	89.5	82.7
29=	28	University of British Columbia		75.2	81.8	92.7	85.0	82.7
31	39	University of Geneva		75.9	75.0	90.9	85.0	81.8
32=	47	University of Minnesota		74.7	67.9	90.6	88.8	81.5
32=	42=	University of Washington		67.6	76.8	93.4	93.8	81.5
34	31=	McGill University		74.1	82.5	89.8	84.2	81.4
35	25	Kyoto University		77.9	82.3	86.2	80.3	81.0
36	34	The Chinese University of Hong Kong (CUHK)		73.7	80.5	91.2	81.6	80.7
37	37=	Utrecht University		69.3	37.4	96.4	100.0	80.6
38	42=	University of Illinois, Chicago (UIC)		78.7	64.3	89.3	81.2	80.5
39	36	National Taiwan University (NTU)		73.1	88.5	86.9	82.1	80.3
40	31=	Ludwig-Maximilians-Universität München		73.5	71.8	88.8	85.8	80.2
41	49=	The University of Melbourne		69.1	85.7	89.5	85.4	79.9
42	49=	University of Southern California		72.9	72.3	90.7	82.5	79.7
43	41	Duke University		67.2	73.0	91.1	87.7	78.9
44	51-100	University of Pennsylvania		64.3	80.0	90.9	89.5	78.8
45	37=	Columbia University		66.3	82.0	90.1	85.4	78.6
46	46	Università degli Studi di Milano		65.6	73.8	90.0	88.8	78.3
47=	48	Université de Montréal		69.0	76.9	87.7	83.8	78.2
47=	44=	University of Alberta		64.6	71.3	93.3	87.7	78.2
47=	40	University of Hong Kong (HKU)		70.2	83.1	87.9	79.4	78.2
50	35	Freie Universität Berlin		66.0	74.4	91.1	85.8	78.1

Subject Psychology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	I	OVERALL
1	1	Harvard University		100.0	100.0	92.1	99.2	98.3
2	2	Stanford University		95.9	91.9	97.0	100.0	96.1
3=	3	University of Cambridge		97.3	98.8	90.6	86.6	94.1
3=	4	University of Oxford		96.3	98.4	90.1	89.5	94.1
5	5=	University of California, Berkeley (UCB)		93.6	82.1	96.0	92.2	91.5
6	8=	UCL (University College London)		93.9	81.5	89.9	97.3	91.3
7=	7	University of California, Los Angeles (UCLA)		91.7	80.5	92.7	99.5	91.2
7=	5=	Yale University		91.1	86.6	92.0	95.3	91.2
9	8=	Massachusetts Institute of Technology (MIT)		88.5	95.0	94.4	85.0	90.3
10	11	University of Michigan		92.1	72.6	90.2	94.7	88.3
11	10	New York University (NYU)		91.4	76.9	87.9	91.6	87.8
12	15	Columbia University		86.6	79.3	89.7	95.0	87.4
13=	13	University of British Columbia		86.1	77.1	92.5	93.8	87.1
13=	14	University of Pennsylvania		85.2	76.2	93.7	95.0	87.1
15	19	The University of Melbourne		83.0	96.1	87.3	84.2	86.7
16	16	Princeton University		91.9	79.5	92.3	77.4	86.6
17	17	University of Amsterdam		88.3	69.6	92.8	93.2	86.4
18=	20	University of Chicago		89.0	75.0	90.0	84.2	85.4
18=	12	University of Toronto		83.4	77.3	89.5	93.5	85.4
20	18	The University of New South Wales (UNSW)		77.9	93.1	87.0	86.2	84.4
21	21=	King's College London (KCL)		80.0	76.8	92.2	92.2	84.2
22	26=	Northwestern University		81.4	68.7	93.2	93.2	83.6
23	21=	McGill University		84.1	75.9	86.4	82.9	82.7
24	32	University of Edinburgh		79.6	82.5	89.5	81.6	82.6
25	23	The University of Sydney		76.1	95.7	84.6	79.8	82.5
26	29	University of California, San Diego (UCSD)		80.4	66.4	92.3	91.6	82.2
27	25	The University of Queensland (UQ)		77.7	84.7	85.7	82.9	81.7
28	26=	University of Illinois at Urbana-Champaign		80.7	62.9	92.6	89.2	81.2
29=	46	Katholieke Universiteit Leuven		79.8	76.5	85.6	82.9	80.9
29=	30=	University of Texas at Austin		75.9	69.0	94.4	89.5	80.9
31	24	Duke University		74.0	67.4	94.3	93.8	80.7
32	47	University of Exeter		77.8	74.4	91.8	79.4	80.2
33	28	University of Wisconsin-Madison		74.5	62.6	93.6	94.4	79.9
34	34=	Boston University		71.7	74.9	90.2	90.5	79.8
35	30=	London School of Economics and Political Science (LSE)		86.7	85.2	77.5	62.6	79.7
36=	33	The University of Auckland		82.3	83.7	82.9	66.3	79.5
36=	44=	University of Hong Kong (HKU)		78.1	89.3	83.8	68.3	79.5
38	42	Monash University		70.7	94.9	82.7	77.9	79.4
39	34=	University of Ghent		73.6	71.2	89.3	87.7	79.1
40=	43	Cardiff University		82.4	67.3	87.0	74.3	78.7
40=	51-100	The Chinese University of Hong Kong (CUHK)		79.4	84.6	81.1	68.9	78.7
40=	51-100	University of Bristol		75.8	76.3	88.9	76.9	78.7
40=	50=	University of Groningen		78.3	59.2	89.1	88.4	78.7
44	44=	Australian National University (ANU)		76.0	91.7	82.1	66.9	78.5
45	37	Cornell University		70.7	70.9	91.3	87.7	78.3
46	40	Pennsylvania State University		75.3	64.3	87.1	89.2	78.2
47=	49	Carnegie Mellon University		75.3	70.0	91.8	77.9	78.1
47=	38=	The University of Manchester		72.9	81.4	85.6	77.9	78.1
49	34=	University of Minnesota		78.8	50.8	89.1	92.2	77.9
50	50=	University of Virginia		73.2	57.3	94.0	91.2	77.8

Subject Medicine

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	I	OVERALL
1	1	Harvard University		100.0	100.0	94.4	100.0	98.6
2	2	University of Oxford		95.4	97.0	94.2	94.1	94.9
3	3	University of Cambridge		95.7	97.2	93.5	90.8	94.1
4	4=	Stanford University		92.1	93.9	92.8	92.8	92.6
5	4=	Johns Hopkins University		91.0	78.8	92.7	99.2	92.3
6	6	Karolinska Institute		99.0	78.2	88.9	90.4	92.2
7	7	University of California, Los Angeles (UCLA)		88.2	85.8	91.7	92.9	90.0
8	8	Yale University		88.3	88.2	91.0	88.4	89.0
9	12=	Massachusetts Institute of Technology (MIT)		86.4	96.0	97.5	80.0	88.5
10	9	UCL (University College London)		84.6	84.8	91.0	93.5	88.4
11=	12=	Imperial College London		86.7	87.0	91.6	85.8	87.7
11=	10	University of California, San Francisco (UCSF)		86.2	57.8	94.7	95.0	87.7
11=	11	University of Toronto		82.8	84.3	89.1	95.6	87.7
14	14	Columbia University		80.5	83.3	93.2	92.6	87.0
15	16	King's College London (KCL)		86.1	79.3	90.6	86.3	86.6
16	18	University of Pennsylvania		79.1	78.5	92.5	94.5	86.2
17	19	The University of Melbourne		85.5	88.1	87.2	84.8	86.0
18	15	The University of Sydney		82.9	85.7	88.3	87.8	85.8
19	20	University of California, San Diego (UCSD)		80.1	75.7	92.7	90.8	85.5
20	17	Duke University		77.5	75.4	93.7	93.3	85.3
21=	25	London School of Hygiene & Tropical Medicine		78.9	72.1	95.8	84.8	83.9
21=	22	McGill University		81.5	82.2	88.7	83.8	83.9
21=	23	University of Edinburgh		79.0	76.3	92.8	86.0	83.9
24	21	University of Washington		76.1	69.4	91.5	94.2	83.8
25	26	The University of Tokyo		87.1	88.5	80.5	77.0	83.1
26	28	University of Chicago		77.4	79.4	91.5	84.8	83.0
27	24	University of Michigan		75.4	72.0	90.2	90.9	82.6
28	37	University of Copenhagen		76.8	71.0	88.5	89.1	82.2
29=	29=	Monash University		80.5	83.0	85.9	80.6	82.1
29=	27	University of British Columbia		77.5	78.7	88.3	84.5	82.1
31	29=	National University of Singapore (NUS)		85.0	88.5	82.9	73.4	81.9
32	31	Cornell University		74.5	79.0	90.0	85.6	81.6
33	33	New York University (NYU)		76.5	72.0	89.7	85.2	81.5
34=	36	University of Amsterdam		75.3	65.4	91.5	86.4	81.1
34=	34	University of Hong Kong (HKU)		84.4	80.8	83.6	73.3	81.1
36	38	University of Pittsburgh		74.0	63.9	90.2	89.7	81.0
37	35	McMaster University		73.0	68.2	93.1	85.9	80.8
38	32	Washington University in St. Louis		71.3	58.2	93.7	90.2	80.3
39	41	Erasmus University Rotterdam		73.7	66.6	91.6	84.4	80.1
40	39	University of Glasgow		75.0	70.5	91.5	79.5	79.8
41	47=	The University of Manchester		75.3	77.7	87.9	79.5	79.7
42	40	Seoul National University (SNU)		78.0	82.3	82.1	78.6	79.6
43	42=	Baylor College of Medicine		76.4	52.3	90.7	83.4	79.3
44	51-100	University of Zurich		71.7	79.5	87.3	82.6	79.1
45	42=	Ruprecht-Karls-Universität Heidelberg		73.5	71.3	87.6	82.3	79.0
46=	45	Ludwig-Maximilians-Universität München		73.6	74.9	86.2	81.7	78.9
46=	47=	The Chinese University of Hong Kong (CUHK)		80.4	78.9	85.8	69.5	78.9
48	51-100	Mayo Medical School		86.7	27.7	94.5	70.4	78.7
49	47=	Boston University		68.2	70.2	90.2	86.7	78.5
50	42=	The University of Queensland (UQ)		72.5	79.7	84.5	79.3	77.9

Subject Nursing

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Pennsylvania		100.0	75.5	97.0	100.0	96.7
2	6=	University of Toronto		91.8	83.9	93.6	96.4	92.9
3=	2	Johns Hopkins University		88.0	81.5	90.7	99.7	91.7
3=	4=	The University of Manchester		91.8	86.4	94.1	91.0	91.7
5	3	King's College London (KCL)		91.8	70.6	93.5	96.4	91.6
6	14=	Yale University		79.1	86.7	99.5	91.5	89.7
7	4=	University of Technology Sydney (UTS)		88.4	86.2	94.9	86.1	89.4
8	6=	University of Washington		82.6	69.8	96.1	94.5	88.9
9	10	University of Southampton		87.7	55.8	95.2	91.9	88.0
10	19	National University of Singapore (NUS)		75.3	87.0	98.4	88.7	87.4
11	12=	Karolinska Institute		78.2	57.8	98.3	94.9	87.2
12	11	University of Michigan		81.9	74.8	91.0	91.5	86.8
13	8	University of California, San Francisco (UCSF)		78.8	49.2	96.8	96.8	86.6
14	14=	University of North Carolina, Chapel Hill		72.8	55.8	99.4	97.5	86.5
15	9	The University of Sydney		69.2	100.0	92.0	91.9	85.9
16	17	University of Pittsburgh		73.1	66.6	95.0	95.3	85.7
17	16	University of Alberta		76.6	66.1	93.1	91.0	84.8
18	12=	Monash University		70.8	92.0	90.6	90.1	84.7
19	27=	McMaster University		69.9	73.7	98.2	89.2	84.6
20=	22	Duke University		69.3	72.2	93.4	92.8	83.9
20=	20=	University of British Columbia		71.6	77.5	92.5	89.6	83.9
22	20=	National Taiwan University (NTU)		74.3	89.4	91.8	83.3	83.8
23	23	University of California, Los Angeles (UCLA)		60.2	84.9	95.6	91.9	82.8
24	24	Deakin University		69.7	89.0	91.9	83.3	82.4
25=	35	Pennsylvania State University		74.1	59.0	94.2	85.5	82.0
25=	36	Trinity College Dublin (TCD)		70.4	90.6	89.9	82.7	82.0
27	18	The University of Melbourne		67.8	90.4	91.4	83.3	81.8
28	42=	The University of Nottingham		67.4	75.4	90.5	88.2	81.4
29	27=	The Chinese University of Hong Kong (CUHK)		70.7	87.1	90.7	79.5	81.0
30	29	University of Edinburgh		67.9	66.2	95.9	83.3	80.8
31	51-100	University College Dublin (UCD)		69.4	95.4	88.1	79.5	80.6
32	25	New York University (NYU)		67.5	65.9	91.0	87.7	80.5
33=	32	Columbia University		59.0	76.7	93.9	89.6	80.4
33=	37	University of Ulster		74.7	86.3	85.7	78.8	80.4
35	30=	The Hong Kong Polytechnic University		79.5	71.6	86.3	78.1	80.3
36	42=	Queensland University of Technology (QUT)		77.5	76.9	87.8	75.9	80.1
37	39	McGill University		57.6	82.3	93.5	87.7	79.9
38	33	The University of Adelaide		62.5	81.3	93.2	82.7	79.7
39	38	The University of Queensland (UQ)		58.8	77.7	89.8	88.7	79.0
40	51-100	University of Miami		64.0	50.2	98.1	83.9	78.8
41=	34	Griffith University		64.6	79.8	87.7	83.3	78.7
41=	50	The University of Auckland		67.7	83.9	91.6	75.1	78.7
41=	40	University of Ottawa		70.1	53.1	91.7	82.7	78.7
44=	49	Lund University		62.0	51.8	94.3	87.7	78.4
44=	41	University of Turku		68.3	63.7	91.1	80.8	78.4
46	30=	University of Illinois, Chicago (UIC)		66.6	65.2	88.9	83.9	78.3
47	26	University of Minnesota		47.6	68.4	96.8	93.6	78.2
48	51-100	University of Hong Kong (HKU)		68.2	83.4	86.8	77.4	78.1
49	42=	University of Eastern Finland		57.8	61.4	99.9	80.8	77.7
50	51-100	Queen's University of Belfast		59.4	75.7	91.7	82.1	77.5

Subject Veterinary Science

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of California, Davis (UCD)		96.0	80.9	94.6	99.0	95.0
2	2	Cornell University		97.0	73.6	97.0	92.1	93.2
3	3	Royal Veterinary College, University of London		100.0	47.4	97.7	95.5	92.7
4	4	University of Cambridge		87.9	100.0	98.4	84.1	91.1
5	9	Utrecht University		92.5	71.9	93.9	90.9	90.4
6	7	University of Pennsylvania		73.1	82.2	100.0	100.0	90.2
7	6	University of Guelph		88.9	60.2	94.8	95.5	89.8
8	8	University of Edinburgh		84.4	77.4	95.6	92.7	89.6
9	5	University of Liverpool		81.5	73.3	99.3	92.7	89.4
10	10	Texas A&M University		85.3	70.9	95.4	90.9	88.6
11=	12	Michigan State University		75.8	80.5	96.3	94.4	88.0
11=	11	The University of Sydney		80.4	89.8	94.8	88.3	88.0
13	15=	Wageningen University		81.1	90.5	94.6	87.0	87.9
14	17	University of Glasgow		84.6	70.7	96.8	85.6	87.2
15	15=	The University of Melbourne		80.4	95.4	94.1	84.1	87.1
16	18	Ohio State University		74.3	78.2	96.4	92.7	86.8
17	20	University of Ghent		81.3	67.7	93.6	91.5	86.7
18	19	Colorado State University		78.5	51.6	95.3	96.5	86.3
19	13	University of Copenhagen		80.6	77.3	92.8	87.7	86.1
20	25=	University of Bristol		78.6	82.2	95.4	84.8	85.9
21	28	Swedish University of Agricultural Sciences		81.1	71.2	91.8	87.7	85.3
22	14	University of Minnesota		78.6	49.4	95.7	91.5	84.7
23	23	Massey University		80.7	89.9	91.1	80.1	84.6
24	29=	University College Dublin (UCD)		72.8	92.6	95.6	81.0	84.1
25	25=	Ludwig-Maximilians-Universität München		70.1	88.5	93.5	85.6	83.6
26	34=	Freie Universität Berlin		76.4	92.3	87.9	83.3	83.5
27	21	North Carolina State University		79.8	35.0	95.1	91.5	83.4
28		Vetsuisse Faculty Bern and Zurich		76.9	64.0	92.0	87.0	83.2
29	29=	The University of Nottingham		76.8	75.4	93.5	80.1	82.7
30	22	University of Wisconsin-Madison		73.0	60.9	94.1	87.7	82.5
31	33	Universitat Autònoma de Barcelona		70.4	75.4	93.6	85.6	82.4
32	24	Purdue University		66.9	57.2	97.0	89.6	81.8
33=	39=	Universidad Complutense de Madrid (UCM)		65.5	78.6	94.6	83.3	80.9
33=	37	University of Veterinary Medicine Vienna		78.6	67.9	88.2	80.1	80.9
35	31	University of Florida		74.4	45.3	90.7	89.0	80.8
36	27	University of Illinois at Urbana-Champaign		64.7	57.1	94.9	90.3	80.7
37	43	The University of Georgia		67.6	52.9	89.4	92.7	80.2
38=	41=	Murdoch University		74.9	82.4	88.8	75.7	80.1
38=	32	The University of Queensland (UQ)		70.1	80.7	90.6	79.3	80.1
40	39=	Iowa State University		66.8	43.8	96.9	88.3	80.0
41	34=	Washington State University		71.5	49.1	93.0	85.6	79.9
42	34=	The University of Tokyo		73.8	84.5	88.8	74.7	79.6
43	44	Norwegian School of Veterinary Science		68.6	47.4	96.6	81.8	78.8
44	41=	Tufts University		67.1	45.7	95.2	84.8	78.7
45=	45	University of Liege		61.5	73.9	91.4	81.8	77.8
45=		Virginia Polytechnic Institute (Virginia Tech)		70.7	55.1	91.9	78.4	77.8
47	38	Universidade de São Paulo (USP)		75.0	82.1	77.2	79.3	77.7
48	49	University of Calgary		71.4	55.6	91.4	76.6	77.4
49=		Università degli Studi di Milano		61.8	73.8	90.8	80.1	77.2
49=	48	Université de Montréal		61.4	53.1	93.5	84.8	77.2

Switched on – discovering the genetic impact of pregnancy

A Deakin University study of pregnant women has shown for the first time that pregnancy can cause long-term epigenetic changes to women's bodies, with major implications for understanding, preventing and treating disease.

The recent study from Deakin's Centre for Cellular and Molecular Biology showed women experience major molecular changes during pregnancy that could remain with them well after their pregnancy and affect their future health and that of their children.

The changes are "epigenetic" – not a mutation of the gene's structure, but a change to how the genes behave.

Centre Director and lead researcher Professor Leigh Ackland said that while pregnancy is a critical period of hormonal changes, very little has been known about epigenetic changes associated with the reproductive cycle.

'This study highlights how once you go through pregnancy your body is altered at the most microscopic level,' Professor Ackland said.

'The effect of pregnancy on women is an ideal way to understand how environmental effects, such as diet or lifestyle, as well as individual physiology, can also affect all people.

'This is ground-breaking as it gives scientists a much more sophisticated understanding of physiology. It will help us to understand more complex diseases like cancer, for instance, where environmental factors can play a role in its development,' she said.

'This knowledge places researchers in a much better position to develop treatments for diseases like cancer.'

Improving health and wellbeing

Research at Deakin is making a difference across the health spectrum, in areas such as medicine, ageing and chronic illness, physical activity, infant and child health, nutrition, disability, social and mental health. The Faculty of Health, research institutes and centres collaborate with organisations and businesses to produce real products and solutions for the health sector.

Reach For The Stars.

A galaxy of leading scholars and educators.

SOAR WITH US



Subject Area Natural Sciences

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	95.6	95.7	100.0	98.3
2	2	University of Cambridge		99.1	100.0	92.9	93.4	96.9
3	3=	Stanford University		97.2	91.3	98.7	99.0	96.7
4	5	University of Oxford		98.1	98.7	93.9	94.1	96.6
5	3=	Harvard University		98.8	94.0	97.5	93.4	96.5
6	7	University of California, Berkeley (UCB)		98.3	82.1	97.2	96.0	94.4
7	6	ETH Zurich (Swiss Federal Institute of Technology)		98.8	87.1	92.4	92.2	93.9
8	9	The University of Tokyo		95.4	96.3	86.5	93.4	93.4
9	8	California Institute of Technology (Caltech)		99.9	76.7	94.3	94.5	93.1
10	10	Imperial College London		96.4	91.1	90.0	89.6	92.7
11	13	Princeton University		94.6	76.8	95.0	92.6	90.7
12	12	National University of Singapore (NUS)		92.0	88.5	93.3	86.9	90.5
13	11	Ecole Polytechnique Fédérale de Lausanne (EPFL)		90.8	86.6	93.7	89.2	90.2
14	14	Peking University		90.9	88.4	89.0	90.5	89.9
15	15	Kyoto University		91.6	91.9	84.8	89.2	89.8
16	16	Tsinghua University		90.4	87.5	84.6	90.9	88.8
17	19=	University of California, Los Angeles (UCLA)		92.1	74.0	94.5	89.2	88.4
18	40=	Lomonosov Moscow State University		91.8	99.2	69.9	85.9	87.7
19	17	Nanyang Technological University (NTU)		86.3	84.1	94.1	86.9	87.5
20=	23	Seoul National University (SNU)		91.8	82.3	87.1	83.9	87.4
20=	18	Technische Universität München		90.0	85.3	87.9	83.9	87.4
20=	19=	University of Chicago		90.1	71.5	97.6	87.8	87.4
23	22	University of Toronto		89.2	73.3	92.1	90.9	86.9
24	24=	Tokyo Institute of Technology		90.5	88.0	80.7	84.4	86.8
25	24=	Yale University		86.2	74.5	96.6	88.7	86.4
26	21	University of Hong Kong (HKU)		86.5	85.1	91.7	81.1	86.2
27	34	Ecole Polytechnique		85.5	89.4	85.1	83.3	85.8
28=	38=	Australian National University (ANU)		88.3	83.2	89.0	79.9	85.7
28=	29=	Columbia University		84.7	74.3	94.9	90.1	85.7
28=	29=	The University of Melbourne		84.4	86.6	88.1	84.9	85.7
31	27	National Taiwan University (NTU)		85.6	88.3	84.8	83.3	85.5
32	28	Cornell University		88.6	70.7	91.5	86.9	85.3
33=	32=	Ludwig-Maximilians-Universität München		87.4	72.4	92.6	86.4	85.2
33=	54	University of Edinburgh		85.0	78.5	91.4	85.9	85.2
35	36=	Tohoku University		87.1	85.7	81.2	84.4	85.1
36	26	Rheinisch-Westfälische Technische Hochschule Aachen		81.2	85.3	88.5	87.8	84.8
37=	29=	KIT, Karlsruher Institut für Technologie		83.1	79.8	87.8	89.6	84.7
37=	38=	Osaka University		86.0	85.3	80.7	85.4	84.7
39	43	Fudan University		83.3	80.0	91.3	83.9	84.4
40=	32=	KAIST - Korea Advanced Institute of Science and Technology		90.0	80.4	88.0	73.3	84.3
40=	46=	The University of Manchester		84.1	78.9	87.5	86.9	84.3
42	35	University of British Columbia		88.0	68.2	88.5	87.4	84.0
43	36=	The University of Sydney		83.8	83.8	85.8	82.2	83.9
44	40=	University of Washington		83.9	66.1	94.2	90.9	83.8
45	52=	Nagoya University		85.4	79.7	83.5	84.4	83.7
46	48=	Ruprecht-Karls-Universität Heidelberg		83.7	71.7	91.7	86.4	83.4
47	62	UCL (University College London)		81.7	80.7	87.0	85.4	83.3
48=	42	The Hong Kong University of Science and Technology (HKUST)		85.6	80.2	90.7	74.0	83.2
48=	55	Université Pierre et Marie Curie (UPMC)		86.0	65.3	89.5	89.2	83.2
50=	45	Northwestern University		81.5	66.4	96.9	88.7	83.0
50=	64	Sapienza - Università di Roma		82.5	77.8	82.3	90.1	83.0

Subject Chemistry

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	99.4	96.1	95.3	98.2
2	3	University of Cambridge		97.9	100.0	91.7	91.8	95.9
3	2	University of California, Berkeley (UCB)		96.4	90.5	99.1	96.4	95.8
4	4	Stanford University		93.5	95.1	98.8	95.4	95.3
5	5	Harvard University		97.9	99.8	92.7	86.1	94.9
6	6	University of Oxford		96.6	99.0	89.7	88.6	94.1
7	7	National University of Singapore (NUS)		90.3	91.3	94.9	96.1	92.6
8	10	The University of Tokyo		91.7	97.4	84.7	89.0	90.9
9	8	California Institute of Technology (Caltech)		93.3	88.8	92.5	83.5	90.3
10	9	University of California, Los Angeles (UCLA)		88.2	87.2	98.2	89.2	90.2
11	16	Nanyang Technological University (NTU)		85.4	81.3	97.3	100.0	89.9
12	11	ETH Zurich (Swiss Federal Institute of Technology)		92.1	88.4	88.4	88.0	89.8
13	14	Imperial College London		88.1	92.5	90.8	87.0	89.3
14	12=	Peking University		85.3	89.6	89.4	93.5	88.6
15	12=	Northwestern University		89.8	69.2	98.8	94.3	88.4
16	15	Kyoto University		86.0	93.1	84.2	88.6	87.6
17	17	Tsinghua University		81.8	90.4	88.0	95.4	87.5
18	22	Ecole Polytechnique Fédérale de Lausanne (EPFL)		84.2	81.6	93.8	87.8	86.3
19	19	Seoul National University (SNU)		83.2	88.7	86.4	87.2	85.7
20	18	KAIST - Korea Advanced Institute of Science and Technology		80.7	85.6	93.4	87.4	85.6
21	20=	University of Toronto		81.1	84.4	92.1	88.2	85.4
22	20=	Yale University		82.5	87.9	92.7	80.3	85.2
23	27	The Hong Kong University of Science and Technology (HKUST)		80.5	83.6	94.8	82.8	84.4
24	24	Princeton University		79.5	88.7	92.4	81.1	84.2
25	23	University of Texas at Austin		78.7	71.3	95.5	92.6	83.4
26	30	Fudan University		73.8	81.6	91.9	95.4	83.3
27=	38=	The University of Manchester		82.3	82.4	86.4	82.5	83.2
27=	28=	University of Hong Kong (HKU)		82.2	87.9	89.0	74.8	83.2
29	26	Osaka University		78.5	87.4	83.8	87.0	83.0
30	28=	Georgia Institute of Technology (Georgia Tech)		78.8	74.8	92.6	89.4	82.9
31	32	Tokyo Institute of Technology		85.5	86.1	78.1	75.1	82.1
32	25	Technische Universität München		80.9	79.9	85.7	81.6	81.8
33=	33	National Taiwan University (NTU)		77.3	87.7	84.4	81.6	81.7
33=	45=	The University of Melbourne		80.0	87.0	85.3	76.3	81.7
35	37	University of Michigan		74.7	81.1	90.4	86.3	81.4
36	45=	Monash University		78.0	80.9	86.8	82.3	81.2
37	34=	Cornell University		76.3	81.5	89.7	79.0	80.6
38=	36	McGill University		75.6	89.7	87.1	74.5	80.5
38=	48	University of Chicago		78.4	79.3	91.1	75.4	80.5
40	31	University of Illinois at Urbana-Champaign		78.1	66.6	91.0	87.4	80.2
41=	43	UCL (University College London)		78.5	80.8	83.8	78.0	79.9
41=	51-100	University of Pennsylvania		78.0	75.3	90.7	77.4	79.9
43	50	The University of Sydney		75.7	85.1	85.6	76.3	79.7
44	40=	Columbia University		75.4	79.2	91.1	76.3	79.5
45=	40=	Rheinisch-Westfälische Technische Hochschule Aachen		71.9	81.1	88.6	82.8	79.3
45=	42	University of California, San Diego (UCSD)		79.0	66.5	90.7	81.3	79.3
47=	38=	Purdue University		73.7	77.2	88.6	83.0	79.2
47=	44	University of British Columbia		76.9	82.6	84.1	75.4	79.2
49=	49	Shanghai Jiao Tong University		71.2	85.0	83.7	84.2	79.1
49=	34=	University of North Carolina, Chapel Hill		74.4	66.7	96.2	83.7	79.1
49=	51-100	University of Science and Technology of China		70.5	70.4	89.2	95.0	79.1

Subject Earth & Marine Sciences

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	ETH Zurich (Swiss Federal Institute of Technology)		100.0	77.0	93.2	95.0	94.8
2	2	Harvard University		89.9	100.0	93.7	97.2	93.7
3	5	Massachusetts Institute of Technology (MIT)		94.9	97.4	90.4	92.0	93.3
4	3=	University of California, Berkeley (UCB)		91.6	90.0	92.9	96.2	92.9
5	3=	University of Oxford		89.9	95.9	94.0	94.1	92.6
6	6	University of Cambridge		91.3	96.9	90.0	92.8	91.9
7	7	California Institute of Technology (Caltech)		89.5	82.6	91.0	100.0	91.8
8	8	Stanford University		88.8	95.1	91.7	91.8	90.9
9	13	Australian National University (ANU)		89.0	82.3	90.8	89.9	89.0
10=	9	Columbia University		83.3	77.7	95.3	95.4	88.8
10=	10	University of Washington		87.0	60.3	94.7	97.2	88.8
12	11	University of California, Los Angeles (UCLA)		84.9	86.2	92.5	90.6	88.4
13	15	The University of Tokyo		87.5	88.3	85.7	92.0	88.3
14	18=	University of Leeds		84.5	78.7	96.8	88.2	87.9
15	18=	University of British Columbia		86.7	75.0	92.1	90.1	87.7
16	18=	University of Bristol		85.5	72.2	92.5	90.5	87.2
17=	14	University of Toronto		79.7	84.2	94.0	92.2	86.9
17=	21	Yale University		80.3	79.2	95.7	91.7	86.9
19	16	Princeton University		77.7	78.3	97.4	94.2	86.8
20	17	Utrecht University		84.2	66.3	94.4	91.2	86.7
21=	12	University of California, San Diego (UCSD)		86.9	51.6	92.4	93.0	86.3
21=	22=	University of Texas at Austin		84.3	76.8	89.8	89.9	86.3
23	26	Imperial College London		83.5	89.7	86.0	86.8	85.6
24	22=	University of Edinburgh		80.7	78.8	90.3	89.4	85.1
25	27	University of Hong Kong (HKU)		77.7	82.1	93.6	89.4	85.0
26	25	University of Colorado at Boulder		76.7	57.0	93.5	98.1	84.3
27	28	University of Arizona		81.3	51.9	91.6	94.1	84.1
28	33	Peking University		76.2	91.7	87.4	89.5	83.9
29=	24	Durham University		77.8	71.2	92.1	90.1	83.8
29=	36	The University of Melbourne		77.3	96.7	88.9	83.8	83.8
29=	29	University of California, Davis (UCD)		80.2	73.3	90.8	86.6	83.8
32=	32	Pennsylvania State University		75.0	79.9	90.4	91.5	83.5
32=	43=	The University of Western Australia (UWA)		77.1	89.7	87.2	87.4	83.5
34	30	UCL (University College London)		79.0	79.0	87.0	88.2	83.3
35	34=	McGill University		77.7	82.4	89.4	85.7	83.1
36=	51-100	Colorado School of Mines		93.0	72.3	79.4	74.3	82.9
36=	31	University of Southampton		81.4	77.8	86.1	84.3	82.9
38	37	University of Bergen		77.7	74.5	91.4	85.2	82.7
39	51-100	University of Oslo		75.7	71.3	90.6	88.2	82.1
40=	34=	Delft University of Technology		81.5	79.0	81.4	84.3	81.9
40=	38	Texas A&M University		77.3	80.2	84.6	87.2	81.9
42=	51-100	Curtin University		72.7	89.2	87.8	87.4	81.8
42=	49	University of Tasmania		77.4	74.7	88.2	85.2	81.8
44	40	University of California, Santa Barbara (UCSB)		75.7	54.6	94.4	89.5	81.7
45=	43=	National Taiwan University (NTU)		76.7	81.6	86.0	84.1	81.4
45=	42	The University of New South Wales (UNSW)		71.0	91.4	88.4	87.2	81.4
47	43=	University of Copenhagen		75.2	69.7	89.4	86.6	81.1
48	51-100	University of Michigan		73.3	74.4	88.1	88.4	80.9
49=	51-100	Monash University		70.6	97.7	88.4	82.8	80.8
49=	43=	University of Wisconsin-Madison		72.3	62.4	91.8	90.6	80.8

Subject Environmental Sciences

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of California, Berkeley (UCB)		100.0	87.9	94.8	96.8	96.7
2	2	Stanford University		96.0	94.2	98.5	96.5	96.6
3	3	Massachusetts Institute of Technology (MIT)		99.3	97.3	96.0	91.4	96.3
4	4=	Harvard University		97.1	100.0	95.8	90.8	95.5
5	4=	University of Oxford		96.6	97.5	94.5	93.5	95.4
6	6=	ETH Zurich (Swiss Federal Institute of Technology)		93.8	87.2	96.2	99.1	95.1
7	6=	University of Cambridge		98.6	99.6	92.5	89.5	94.9
8	6=	Wageningen University		94.9	77.2	94.8	100.0	94.4
9	9=	Imperial College London		91.0	91.2	95.7	95.5	93.3
10	9=	National University of Singapore (NUS)		95.3	87.3	94.3	89.8	92.9
11	11	University of British Columbia		94.7	79.1	91.8	92.9	92.0
12	12	The University of Queensland (UQ)		91.5	82.7	93.2	94.7	91.8
13	13=	University of California, Davis (UCD)		93.2	74.2	93.6	93.8	91.6
14=	18	Delft University of Technology		90.9	75.2	91.5	93.8	90.2
14=	15	The University of New South Wales (UNSW)		88.0	90.7	93.1	90.5	90.2
16	16	University of California, Los Angeles (UCLA)		91.1	88.7	93.1	84.1	89.6
17	13=	Yale University		86.9	84.9	96.9	88.2	89.5
18	23	Nanyang Technological University (NTU)		83.5	81.0	100.0	91.4	89.4
19=	19=	California Institute of Technology (Caltech)		89.6	78.1	96.5	85.7	89.2
19=	19=	Cornell University		87.8	82.6	93.6	89.8	89.2
21	24	Australian National University (ANU)		86.5	83.0	94.3	90.5	89.1
22=	19=	The University of Melbourne		86.1	90.6	91.9	89.8	88.9
22=	17	University of Washington		85.8	73.8	94.2	94.4	88.9
24=	25	The University of Tokyo		93.7	89.9	85.5	80.4	87.9
24=	22	Tsinghua University		81.6	88.8	90.0	95.7	87.9
26	27	Peking University		82.9	89.6	91.5	91.1	87.8
27	28	University of Michigan		82.0	81.4	93.1	91.4	87.1
28	29=	Princeton University		81.9	81.9	97.4	86.4	86.9
29=	29=	Duke University		80.7	66.7	97.4	92.9	86.5
29=	26	McGill University		82.9	83.3	92.7	87.5	86.5
31	33	Seoul National University (SNU)		84.7	89.2	89.9	84.5	86.4
32	34	University of Texas at Austin		81.3	75.9	93.0	90.8	86.1
33=	38=	Lund University		84.4	67.7	92.1	89.5	85.9
33=	40	Stockholm University		82.8	54.2	95.9	93.5	85.9
33=	31	University of Toronto		82.4	85.3	91.8	85.7	85.9
33=	32	University of Wisconsin-Madison		81.0	71.8	92.8	92.6	85.9
37=	37	Columbia University		81.7	81.6	93.2	85.3	85.5
37=	36	Ecole Polytechnique Fédérale de Lausanne (EPFL)		73.5	80.4	99.7	92.6	85.5
39	42=	Technical University of Denmark		77.6	69.7	94.6	94.4	85.3
40=	38=	Georgia Institute of Technology (Georgia Tech)		80.5	80.6	93.8	85.7	85.1
40=	47=	Texas A&M University		84.5	72.0	88.2	88.2	85.1
40=	51-100	University of East Anglia (UEA)		80.1	59.9	97.9	90.2	85.1
43=	47=	Pennsylvania State University		78.0	79.3	91.7	91.4	84.9
43=	45	University of Illinois at Urbana-Champaign		83.1	64.9	91.0	89.5	84.9
43=	51-100	University of Leeds		77.4	79.0	94.3	89.8	84.9
46	51-100	Utrecht University		78.2	68.9	96.2	90.2	84.8
47=	49=	UCL (University College London)		81.1	80.4	90.9	85.7	84.6
47=	51-100	University of Exeter		75.8	75.7	95.9	90.8	84.6
49	51-100	University of Hong Kong (HKU)		83.4	83.0	90.6	80.4	84.4
50=	42=	Arizona State University		78.1	68.0	94.0	91.1	84.3
50=	51-100	University of Copenhagen		80.6	68.5	92.5	88.2	84.3

Subject Geography

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Oxford		99.1	100.0	89.1	99.4	97.7
2	3	London School of Economics and Political Science (LSE)		100.0	88.6	86.0	88.8	95.1
3	2	University of Cambridge		98.7	99.3	82.7	88.0	94.8
4	5	University of British Columbia		96.2	74.7	89.8	96.9	93.2
5	4	University of California, Berkeley (UCB)		97.6	82.9	88.2	87.1	93.1
6	7	Durham University		89.5	82.1	100.0	99.4	91.8
7	6	University of California, Los Angeles (UCLA)		93.8	84.0	90.2	88.8	91.5
8	8	UCL (University College London)		90.9	83.4	88.2	100.0	91.1
9	9	University of Toronto		88.4	81.7	83.8	90.4	87.3
10	11	National University of Singapore (NUS)		91.0	85.4	79.8	80.4	87.2
11	15	University of Exeter		84.4	79.7	93.6	93.4	86.7
12	10	Australian National University (ANU)		88.0	82.8	81.0	85.3	86.0
13	14	University of Edinburgh		83.5	82.5	90.0	86.2	84.8
14	16	University of Amsterdam		86.6	67.9	86.9	85.3	84.6
15	13	University of Wisconsin-Madison		83.1	68.7	89.6	92.0	84.0
16	26	Lund University		83.9	70.8	87.1	89.6	83.9
17	21=	The University of Manchester		78.2	82.9	91.2	98.8	83.7
18	23	The University of Melbourne		83.2	85.9	82.5	84.4	83.5
19	19=	The University of Tokyo		89.1	88.4	73.9	66.1	83.3
20=	25	Peking University		85.4	91.0	76.2	73.3	82.8
20=	24	University of Leeds		78.6	84.8	88.1	92.7	82.8
20=	12	University of Washington		80.8	60.2	92.9	95.5	82.8
23	18	University of Hong Kong (HKU)		86.7	82.3	78.9	70.6	82.7
24	17	The University of Sydney		82.9	86.7	83.2	78.2	82.6
25	29=	University of Bristol		81.3	84.4	84.6	82.5	82.3
26=	19=	King's College London (KCL)		82.9	72.2	85.9	82.5	82.2
26=	21=	SOAS - School of Oriental and African Studies, University of London		90.5	71.4	72.0	66.1	82.2
28	29=	Humboldt-Universität zu Berlin		84.6	77.7	81.5	74.6	81.9
29	34	The University of Auckland		83.0	78.0	81.2	79.3	81.7
30	42	Utrecht University		78.9	68.4	89.5	90.4	81.2
31	33	University of Minnesota		79.5	49.4	91.5	93.4	80.4
32	31=	University of Glasgow		76.8	70.3	91.8	89.6	80.3
33	27	McGill University		78.1	81.4	84.5	82.5	80.1
34	37=	The University of Queensland (UQ)		77.9	78.0	84.0	85.3	79.9
35=	44	Katholieke Universiteit Leuven		77.1	79.3	84.9	84.4	79.6
35=	35	Ohio State University		79.9	61.6	86.8	83.4	79.6
37	41	The University of Sheffield		76.0	84.4	85.3	83.4	79.3
38	36	The Chinese University of Hong Kong (CUHK)		82.7	78.4	75.3	69.2	79.1
39	31=	Monash University		74.0	82.3	87.3	88.0	78.9
40	39	Stockholm University		78.1	52.3	89.0	87.1	78.5
41	43	Arizona State University		77.0	51.3	90.3	90.4	78.4
42	37=	University of North Carolina, Chapel Hill		76.2	58.5	87.5	90.4	78.3
43	40	Université Paris 1 Panthéon-Sorbonne		86.4	71.1	61.3	66.1	78.1
44	45	Pennsylvania State University		77.2	55.3	86.4	87.1	77.9
45	28	University of Chicago		81.8	73.5	68.7	67.7	76.9
46	51-100	University of Southampton		70.5	76.6	90.1	88.8	76.8
47	49	University of Helsinki		74.8	67.8	83.0	80.4	76.2
48	46	The University of Nottingham		69.3	75.8	90.7	88.8	76.1
49=	47	University of Cape Town		74.0	70.2	82.4	78.2	75.5
49=	51-100	University of East Anglia (UEA)		69.8	63.2	96.1	86.2	75.5

Subject Mathematics

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	99.8	95.6	97.0	98.5
2	2	Harvard University		96.7	99.9	98.4	96.0	97.5
3	3	Stanford University		95.6	97.0	96.0	100.0	96.8
4	4	University of Oxford		96.5	98.7	93.5	91.6	95.4
5	5	University of Cambridge		97.6	100.0	92.6	88.9	95.3
6	7	Princeton University		95.6	89.0	97.2	95.1	94.5
7	6	University of California, Berkeley (UCB)		96.4	90.9	94.6	93.7	94.4
8	8	ETH Zurich (Swiss Federal Institute of Technology)		90.9	81.3	95.9	94.1	90.6
9	9	University of California, Los Angeles (UCLA)		89.1	85.5	93.5	92.1	89.9
10	11	Imperial College London		88.5	90.7	88.4	87.2	88.7
11	10	New York University (NYU)		90.8	78.1	94.1	86.0	88.0
12	12	California Institute of Technology (Caltech)		89.4	83.9	93.5	82.2	87.7
13	14=	National University of Singapore (NUS)		84.6	88.1	90.5	87.8	87.1
14	16=	Columbia University		82.5	89.4	92.9	87.8	87.0
15	14=	Yale University		85.3	87.5	92.4	84.1	86.9
16	25	Carnegie Mellon University		85.4	86.6	91.3	84.8	86.7
17	18	The University of Tokyo		88.6	95.8	80.1	79.4	86.5
18	13	University of Chicago		86.1	83.5	93.0	82.8	86.3
19	16=	University of Toronto		82.5	84.5	92.7	85.4	85.5
20	20	Peking University		84.1	90.0	84.6	83.5	85.3
21	19	University of Michigan		83.3	81.8	87.8	90.0	85.2
22	27	Australian National University (ANU)		80.3	88.3	93.7	80.8	84.7
23	29	Georgia Institute of Technology (Georgia Tech)		83.5	78.2	88.9	88.9	84.6
24	21	Ecole Polytechnique Fédérale de Lausanne (EPFL)		81.7	79.7	92.4	85.4	84.2
25	35	University of Pennsylvania		79.0	85.1	91.7	84.8	83.9
26	26	Tsinghua University		80.8	89.3	79.6	88.3	83.8
27	22=	University of British Columbia		79.9	80.2	89.9	88.3	83.6
28	28	University of Hong Kong (HKU)		78.9	93.5	88.5	77.1	83.4
29=	36	The Chinese University of Hong Kong (CUHK)		81.4	84.7	91.3	77.1	83.2
29=	22=	University of Texas at Austin		78.5	72.8	94.5	91.6	83.2
31	22=	Ecole Polytechnique		85.4	81.6	85.9	77.1	83.1
32	30	Kyoto University		83.7	84.8	81.2	79.4	82.6
33=	32	Ecole Normale Supérieure, Paris (ENS Paris)		86.4	69.7	92.1	77.9	82.5
33=	40	The University of Warwick		85.5	81.9	84.9	74.7	82.5
35	31	University of California, San Diego (UCSD)		74.9	68.4	100.0	93.7	82.4
36	38=	The University of Melbourne		80.0	93.9	84.9	71.3	82.0
37	37	Cornell University		82.2	78.5	87.3	79.4	81.9
38	33	Lomonosov Moscow State University		89.5	99.4	61.7	67.5	81.5
39	34	University of Waterloo		77.5	83.3	84.6	84.1	81.4
40	38=	Brown University		82.1	70.8	92.4	78.6	81.2
41	43=	The Hong Kong University of Science and Technology (HKUST)		78.1	87.4	87.8	73.9	81.1
42	41	Rheinische Friedrich-Wilhelms-Universität Bonn		85.8	60.5	91.6	80.1	80.8
43	43=	Nanyang Technological University (NTU)		75.7	84.8	86.5	79.4	80.4
44	51-100	The University of New South Wales (UNSW)		77.9	86.6	82.2	76.3	80.2
45=	46	City University of Hong Kong		75.1	79.9	91.2	78.6	80.0
45=	51-100	The University of Auckland		76.1	83.5	92.3	72.2	80.0
45=	45	The University of Sydney		78.1	89.9	81.7	72.2	80.0
48	50	Technische Universität Berlin		82.6	73.3	83.2	77.1	79.8
49	49	University of Wisconsin-Madison		71.7	73.6	94.7	86.6	79.7
50=	51-100	National Taiwan University (NTU)		76.1	92.7	80.8	72.2	79.6
50=	51-100	Technische Universität München		80.0	79.3	81.6	77.1	79.6
50=	51-100	UCL (University College London)		71.5	79.4	92.0	83.5	79.6

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Subject Materials Science

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	100.0	94.4	94.2	97.2
2	2	Stanford University		93.7	95.3	96.7	94.9	94.9
3	7	Nanyang Technological University (NTU)		87.5	77.6	96.8	100.0	92.0
4	3	University of California, Berkeley (UCB)		94.7	89.5	92.7	87.2	91.8
5	5	Harvard University		91.5	97.8	94.9	85.0	91.4
6	4	University of Cambridge		96.5	93.9	89.1	84.3	91.3
7	6	University of Oxford		92.6	94.1	92.8	84.1	90.7
8	8	National University of Singapore (NUS)		86.2	87.7	93.8	93.5	90.1
9	9	Tsinghua University		90.2	87.6	85.4	93.5	89.6
10	11	Ecole Polytechnique Fédérale de Lausanne (EPFL)		90.8	83.3	91.8	87.0	89.4
11=	12	Imperial College London		90.4	88.8	89.0	85.4	88.6
11=	10	Northwestern University		91.0	70.7	93.8	86.8	88.6
13=	14	Georgia Institute of Technology (Georgia Tech)		87.6	76.3	90.8	89.7	87.8
13=	13	KAIST - Korea Advanced Institute of Science and Technology		84.8	89.3	90.2	89.6	87.8
15=	21	ETH Zurich (Swiss Federal Institute of Technology)		89.8	86.9	87.6	82.3	87.1
15=	15	The University of Tokyo		91.1	91.3	81.9	84.1	87.1
17	20	California Institute of Technology (Caltech)		91.2	88.1	87.8	77.3	86.6
18	16	Peking University		81.5	83.4	90.5	91.7	86.5
19	17=	Seoul National University (SNU)		84.8	88.7	88.0	86.6	86.4
20	19	University of Illinois at Urbana-Champaign		88.0	78.5	88.4	82.8	85.9
21	17=	University of California, Los Angeles (UCLA)		80.2	84.7	94.9	84.5	85.4
22	23	The Hong Kong University of Science and Technology (HKUST)		84.6	78.2	90.9	83.0	85.1
23	22	Tohoku University		87.7	89.8	79.1	79.4	83.7
24	33=	Delft University of Technology		89.7	71.0	83.5	78.6	83.5
25=	27	Shanghai Jiao Tong University		81.1	79.9	84.1	87.9	83.4
25=	26	University of Texas at Austin		74.7	77.8	93.4	89.4	83.4
27	28	Tokyo Institute of Technology		91.2	86.1	77.9	74.9	83.3
28	33=	Rheinisch-Westfälische Technische Hochschule Aachen		90.4	86.5	79.7	73.3	83.1
29	25	Kyoto University		85.6	90.8	81.0	77.8	83.0
30	24	Fudan University		71.2	76.8	94.1	92.2	82.7
31=	31	Carnegie Mellon University		82.7	82.7	89.2	75.2	82.5
31=	35=	The University of Manchester		84.7	79.2	85.3	77.3	82.5
33	30	Cornell University		78.1	85.2	89.8	80.9	82.4
34	35=	University of Michigan		80.7	83.7	86.2	80.2	82.3
35	32	Pohang University of Science and Technology (POSTECH)		76.4	80.0	89.3	85.0	82.1
36	37=	Pennsylvania State University		79.5	81.1	86.6	81.9	82.0
37	41	National Taiwan University (NTU)		75.8	90.6	86.0	83.5	81.8
38	37=	The University of New South Wales (UNSW)		80.2	76.5	86.9	78.9	81.2
39	29	University of California, Santa Barbara (UCSB)		80.7	44.6	94.9	81.6	80.9
40	47	Rice University		70.7	58.9	100.0	86.0	80.7
41	46	University of Science and Technology of China		68.3	72.2	91.4	91.7	80.3
42=	40	Sungkyunkwan University		69.3	81.3	91.0	86.2	80.2
42=	44	University of Pennsylvania		75.2	73.7	93.0	78.1	80.2
44	39	KTH, Royal Institute of Technology		84.3	64.0	82.3	77.5	80.1
45	43	Osaka University		82.3	86.8	76.6	76.1	79.8
46	45	McGill University		80.7	83.2	82.8	73.0	79.6
47	42	Purdue University		74.4	83.1	85.9	79.9	79.5
48=	51-100	Monash University		75.8	69.5	88.3	79.7	79.3
48=	51-100	The University of Queensland (UQ)		72.1	75.6	90.3	81.4	79.3
50	51-100	Katholieke Universiteit Leuven		79.8	73.2	83.6	76.1	79.2

Subject Physics & Astronomy

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Massachusetts Institute of Technology (MIT)		100.0	100.0	94.8	100.0	99.0
2	2	Harvard University		97.3	99.6	96.4	96.4	97.4
3	3	Stanford University		95.3	97.5	97.2	99.6	97.0
4	4	University of Cambridge		97.7	99.2	91.6	92.6	95.8
5	5	University of California, Berkeley (UCB)		96.4	92.5	95.7	96.1	95.4
6	6	University of Oxford		95.6	97.6	93.3	92.9	95.0
7	7	California Institute of Technology (Caltech)		95.0	93.7	92.0	95.8	94.3
8	8	Princeton University		93.1	89.1	93.4	93.3	92.4
9	9	The University of Tokyo		92.2	92.8	86.6	93.8	91.5
10	10	ETH Zurich (Swiss Federal Institute of Technology)		91.8	88.1	90.6	90.7	90.6
11	11	Imperial College London		90.1	92.9	88.7	88.7	90.1
12	12	University of California, Los Angeles (UCLA)		85.9	86.6	92.8	89.5	88.1
13	14=	Ecole Polytechnique Fédérale de Lausanne (EPFL)		86.5	85.0	92.0	88.6	87.7
14	19=	Columbia University		82.5	84.5	96.1	90.1	87.1
15	14=	Yale University		83.3	83.5	95.8	89.2	87.0
16	13	University of Chicago		86.6	74.6	98.0	88.7	86.9
17	16=	Kyoto University		85.1	90.0	83.8	87.7	86.3
18	18	Peking University		84.6	88.0	85.3	87.1	85.9
19=	23	Cornell University		83.7	78.9	92.2	88.3	85.4
19=	24	Tsinghua University		83.4	89.1	83.1	88.1	85.4
21	19=	Technische Universität München		82.7	88.4	89.1	82.7	85.1
22	16=	Ludwig-Maximilians-Universität München		86.9	70.1	92.4	87.1	84.7
23=	22	University of California, Santa Barbara (UCSB)		87.7	53.0	100.0	94.3	84.5
23=	25=	University of Toronto		79.1	83.8	91.2	89.5	84.5
25	25=	National University of Singapore (NUS)		83.5	81.2	90.7	83.3	84.4
26	29	Tokyo Institute of Technology		84.0	88.3	81.1	84.1	84.3
27=	21	Lomonosov Moscow State University		80.3	97.3	74.4	87.0	83.9
27=	25=	University of Illinois at Urbana-Champaign		84.3	71.4	90.8	88.7	83.9
29	28	Ecole Polytechnique		80.7	80.1	92.3	85.0	83.8
30	40=	The University of Manchester		80.8	82.1	85.9	86.8	83.3
31	30	Seoul National University (SNU)		81.9	82.0	86.8	83.2	83.2
32	35	Ruprecht-Karls-Universität Heidelberg		82.7	72.6	90.7	87.0	83.1
33	44=	UCL (University College London)		79.4	83.7	86.0	86.0	82.9
34	37	National Taiwan University (NTU)		80.2	88.3	82.3	81.5	82.5
35=	31=	KIT, Karlsruher Institut für Technologie		78.4	81.0	85.9	88.1	82.4
35=	31=	Tohoku University		82.1	82.1	80.5	85.3	82.4
37	33	Osaka University		82.5	84.6	78.1	83.9	82.3
38	47	Nanyang Technological University (NTU)		79.9	80.8	87.5	81.7	82.0
39	44=	Sapienza - Università di Roma		79.7	74.5	85.2	90.3	81.9
40	38	University of Michigan		74.1	81.7	89.3	89.8	81.8
41=	40=	University of Maryland, College Park		79.4	63.2	93.1	92.9	81.6
41=	42=	University of Texas at Austin		75.8	76.2	91.9	88.2	81.6
43	34	University of British Columbia		75.0	77.7	90.8	86.8	81.1
44	51-100	Australian National University (ANU)		81.6	74.5	87.7	79.5	81.0
45=	51-100	Carnegie Mellon University		73.9	83.0	89.6	82.5	80.6
45=	51-100	University of Edinburgh		74.4	78.1	91.3	85.0	80.6
47=	48	The University of Melbourne		75.6	79.2	88.9	83.2	80.5
47=	51-100	Universität Hamburg		75.3	74.7	90.4	86.7	80.5
49=	51-100	Delft University of Technology		79.6	83.8	82.4	76.2	80.3
49=	51-100	University of Amsterdam		77.8	69.1	94.4	82.2	80.3
49=	51-100	University of Wisconsin-Madison		70.0	80.2	90.5	90.7	80.3

Subject Area Social Sciences & Management								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		96.1	95.5	95.6	100.0	96.3
2	2	London School of Economics and Political Science (LSE)		100.0	93.8	89.8	89.1	96.0
3	3	University of Oxford		92.0	99.3	88.2	92.1	93.8
4	4	University of Cambridge		91.9	100.0	85.1	84.3	92.9
5=	6	Massachusetts Institute of Technology (MIT)		90.1	93.6	100.0	93.7	92.5
5=	5	Stanford University		92.1	89.8	97.8	97.0	92.5
7	8	National University of Singapore (NUS)		87.5	95.8	83.7	74.1	88.3
8	14	The University of Melbourne		85.0	96.0	82.4	81.1	87.7
9	7	University of California, Berkeley (UCB)		90.9	75.4	97.1	96.6	87.4
10	11	University of Hong Kong (HKU)		84.8	92.6	82.9	76.3	86.1
11=	17	Università Commerciale Luigi Bocconi		83.6	93.0	86.6	71.6	85.5
11=	9	Yale University		87.4	77.0	94.7	92.6	85.5
13	10	The University of Tokyo		82.1	99.2	77.7	67.4	85.3
14=	20	Australian National University (ANU)		85.3	88.7	81.4	78.3	85.2
14=	25	The University of Sydney		82.0	92.8	81.8	81.9	85.2
16=	22=	The University of New South Wales (UNSW)		82.4	91.4	83.1	81.9	85.1
16=	12	University of Pennsylvania		87.2	76.7	92.9	91.5	85.1
18	13	Columbia University		86.6	75.8	90.8	93.7	84.5
19	16	University of Chicago		87.6	72.7	95.5	92.6	84.4
20	15	London Business School		86.2	87.1	78.5	70.3	84.1
21=	29	Monash University		79.1	91.5	82.0	81.9	83.4
21=	28	Seoul National University (SNU)		83.1	90.5	82.3	64.2	83.4
21=	18=	University of California, Los Angeles (UCLA)		85.8	73.0	92.5	93.1	83.4
24	27	The Hong Kong University of Science and Technology (HKUST)		82.9	88.1	89.3	62.4	83.1
25	26	The Chinese University of Hong Kong (CUHK)		82.6	87.7	82.9	70.3	82.9
26	21	Peking University		80.9	90.4	83.3	65.9	82.5
27=	22=	New York University (NYU)		86.0	70.4	90.0	92.6	82.4
27=	18=	Princeton University		81.8	75.0	97.1	92.6	82.4
29	22=	Nanyang Technological University (NTU)		80.8	86.2	88.0	71.6	82.2
30	30=	UCL (University College London)		80.1	81.0	87.1	90.3	82.1
31	39=	The University of Queensland (UQ)		79.2	84.6	86.2	81.1	81.7
32	39=	Korea University		80.2	87.8	81.9	64.2	81.1
33	44	The University of Auckland		78.2	85.0	82.4	75.2	80.4
34=	32	INSEAD (France)		83.8	85.9	69.1	56.0	80.2
34=	36	The University of Warwick		80.8	78.5	84.0	78.3	80.2
34=	30=	University of Toronto		82.5	71.7	86.3	87.8	80.2
37	37	National Taiwan University (NTU)		77.5	87.8	81.5	67.4	80.0
38	33	University of Michigan		83.0	67.2	90.2	92.6	79.9
39=	42=	The University of Manchester		78.4	78.7	85.1	83.5	79.7
39=	34	Tsinghua University		75.7	88.8	84.4	67.4	79.7
41	38	Northwestern University		82.1	65.2	96.0	93.7	79.6
42	52=	Yonsei University		78.5	85.0	79.8	60.4	78.8
43	56	City University of Hong Kong		77.8	82.4	83.7	67.4	78.7
44	35	University of British Columbia		81.5	67.2	88.7	86.5	78.4
45=	46	Kyoto University		75.9	89.9	75.7	58.3	78.3
45=	71	Universiti Malaya (UM)		75.9	88.8	76.6	60.4	78.3
47	52=	University of Edinburgh		76.7	78.7	82.5	79.3	78.1
48	54	The Hong Kong Polytechnic University		73.7	80.9	88.3	77.3	77.7
49=	41	Copenhagen Business School		81.2	69.1	86.5	74.1	77.4
49=	47	Imperial College London		68.8	89.5	91.3	70.3	77.4

Subject Accounting & Finance								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		100.0	100.0	94.0	93.3	98.7
2	2	Massachusetts Institute of Technology (MIT)		95.1	96.1	98.6	88.4	95.1
3	3	Stanford University		95.2	92.8	90.2	85.6	93.0
4	4	University of Oxford		90.0	97.3	87.7	86.6	91.6
5	5	London School of Economics and Political Science (LSE)		91.8	89.7	88.3	90.9	90.7
6	6	University of Pennsylvania		91.4	82.3	100.0	100.0	90.4
7	7	University of Chicago		92.6	78.9	100.0	96.8	89.7
8	9	University of Cambridge		91.4	98.1	74.7	66.1	89.2
9	8	University of California, Berkeley (UCB)		90.8	86.0	94.9	83.6	89.1
10=	14=	The University of Melbourne		84.7	91.3	84.9	84.6	86.7
10=	11	The University of New South Wales (UNSW)		84.6	88.4	86.3	92.5	86.7
12	10	New York University (NYU)		89.0	78.3	96.4	89.2	86.6
13	13	Columbia University		86.4	82.8	92.1	90.1	86.3
14	12	London Business School		88.0	84.4	85.8	81.5	86.1
15	14=	Yale University		86.6	86.7	85.4	79.2	85.8
16	17	The Hong Kong University of Science and Technology (HKUST)		87.3	83.2	83.7	76.7	84.7
17	18	National University of Singapore (NUS)		84.6	89.6	78.2	74.0	84.4
18	20	The University of Sydney		81.9	88.2	84.7	84.6	84.3
19	16	University of California, Los Angeles (UCLA)		85.5	84.7	84.8	74.0	84.0
20	19	The University of Manchester		81.5	81.5	86.3	90.9	82.9
21	23=	The Chinese University of Hong Kong (CUHK)		81.1	82.1	90.9	85.6	82.8
22	22	Princeton University		82.3	81.3	86.5	81.5	82.3
23	26=	Monash University		79.7	87.0	80.3	81.5	82.1
24=	30	Peking University		80.1	90.9	74.5	69.5	81.7
24=	28=	University of Toronto		80.2	80.3	89.1	85.6	81.7
26	21	Nanyang Technological University (NTU)		81.3	84.2	82.9	74.0	81.6
27	23=	Australian National University (ANU)		79.1	83.4	85.0	84.6	81.5
28	28=	University of Hong Kong (HKU)		80.8	85.9	81.3	71.1	81.4
29=	25	Cornell University		79.5	77.5	90.5	90.9	81.1
29=	33	Università Commerciale Luigi Bocconi		78.1	86.3	83.7	78.0	81.1
31	26=	University of Michigan		80.6	76.2	91.2	83.6	80.6
32=	32	The University of Warwick		78.4	81.5	84.4	80.4	80.1
32=	34=	University of British Columbia		80.9	79.1	82.9	76.7	80.1
34=	34=	Northwestern University		82.5	72.9	88.5	80.4	80.0
34=	39=	Tsinghua University		76.4	90.0	76.4	71.1	80.0
36	39=	HEC Paris		79.7	83.2	75.1	75.4	79.9
37	31	University of Texas at Austin		80.7	72.7	90.9	83.6	79.6
38	39=	The University of Queensland (UQ)		75.8	81.3	87.5	83.6	79.4
39	38	Imperial College London		76.5	87.5	73.9	69.5	78.8
40	44	The University of Tokyo		79.1	89.6	61.5	57.8	78.4
41	37	The University of Auckland		76.3	81.1	78.7	79.2	78.3
42	42	INSEAD (France)		83.0	83.4	64.0	52.6	78.2
43	36	Duke University		77.6	71.3	93.8	85.6	78.1
44	43	Seoul National University (SNU)		76.7	85.5	71.1	67.8	77.9
45	49	City University of Hong Kong		75.4	75.7	85.2	81.5	77.1
46	47	Korea University		72.4	83.4	76.8	72.6	76.2
47	51-100	The Hong Kong Polytechnic University		73.2	75.8	82.5	83.6	76.0
48=	51-100	National Taiwan University (NTU)		73.9	78.8	74.8	78.0	75.9
48=	45=	University of Illinois at Urbana-Champaign		78.4	65.7	87.2	82.6	75.9
50=	45=	Copenhagen Business School		78.1	65.2	88.2	83.6	75.8
50=	51-100	Shanghai Jiao Tong University		72.2	85.5	71.1	69.5	75.8

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Subject Anthropology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	2=	University of Cambridge		100.0	99.8	88.9	92.3	98.1
2	5	University of Oxford		98.7	97.7	93.2	98.2	98.0
3	1	Harvard University		96.4	100.0	95.9	100.0	97.1
4	4	London School of Economics and Political Science (LSE)		98.0	94.4	92.8	96.4	97.0
5	2=	University of California, Berkeley (UCB)		99.0	80.2	100.0	93.3	96.7
6	6	University of Chicago		95.5	72.6	97.6	92.3	93.1
7	13	Australian National University (ANU)		93.8	86.3	83.9	80.7	90.8
8	11	University of Toronto		91.1	78.3	94.7	90.0	90.1
9	8	Stanford University		89.9	94.2	90.5	86.3	90.0
10	10	UCL (University College London)		89.7	87.7	91.2	90.0	89.7
11	7	University of Michigan		88.7	78.0	94.6	96.4	89.0
12	9	University of California, Los Angeles (UCLA)		89.3	87.5	89.7	83.7	88.6
13	15	Columbia University		88.2	86.3	92.6	86.3	88.3
14	14	University of Amsterdam		85.2	80.8	90.8	86.3	85.4
15	12	Yale University		84.1	83.3	89.4	87.6	84.9
16	23	SOAS - School of Oriental and African Studies, University of London		88.7	73.4	75.5	70.0	84.0
17	16	University of Copenhagen		84.4	83.3	83.6	75.8	83.4
18=	24	Princeton University		81.9	88.9	82.3	83.7	82.8
18=	18	The University of Manchester		82.1	89.2	84.5	79.2	82.8
20	19	New York University (NYU)		80.2	78.4	94.0	91.2	82.5
21=	25	National University of Singapore (NUS)		86.7	88.1	63.0	60.3	81.8
21=	21=	University of Edinburgh		83.3	73.5	81.0	80.7	81.8
23	29	The University of Melbourne		82.3	84.0	80.5	74.0	81.5
24	26	University of Pennsylvania		79.7	78.0	88.8	83.7	80.8
25	17	The University of Tokyo		81.4	92.3	68.2	74.0	80.4
26	21=	Cornell University		77.0	72.9	97.3	92.3	80.2
27	20	University of British Columbia		79.9	65.7	86.6	79.2	79.1
28	34	The University of Sydney		78.8	88.6	74.5	74.0	78.9
29	35	Durham University		77.6	72.0	85.4	83.7	78.4
30	27	Duke University		77.6	62.5	89.2	87.6	78.3
31	32	University of Wisconsin-Madison		77.8	64.7	90.8	82.2	78.2
32=	28	Universidad Nacional Autónoma de México (UNAM)		85.3	77.2	51.6	54.2	78.0
32=	37	University of Oslo		78.1	68.8	82.7	82.2	78.0
34	40	Kyoto University		80.5	84.4	61.6	65.5	77.5
35=	39	Aarhus University		76.9	90.5	75.5	70.0	77.4
35=	30=	University of Texas at Austin		77.1	66.3	90.4	77.5	77.4
37	33	Freie Universität Berlin		81.9	72.6	67.9	54.2	76.8
38	38	Universidad de Buenos Aires		81.0	75.4	59.8	63.0	76.5
39	45	Leiden University		78.3	77.8	68.2	70.0	76.4
40	36	McGill University		80.2	66.7	69.8	65.5	76.3
41	44	The University of Auckland		73.7	86.0	77.2	82.2	76.1
42	30=	Goldsmiths, University of London		75.0	73.4	79.0	79.2	75.7
43	43	University of Helsinki		74.2	81.5	74.6	75.8	75.1
44	41	Humboldt-Universität zu Berlin		80.4	72.6	56.5	57.4	74.9
45	47	Indiana University Bloomington		72.2	72.4	86.6	80.7	74.5
46	42	Universidade de São Paulo (USP)		77.0	72.0	67.0	65.5	74.4
47	51-100	Stockholm University		75.3	69.6	71.6	65.5	73.4
48	51-100	Johns Hopkins University		72.5	66.7	77.5	74.0	72.6
49	51-100	University of North Carolina, Chapel Hill		68.6	65.7	87.3	86.3	72.0
50=	49	Universidade Federal do Rio de Janeiro		73.8	61.2	70.8	70.0	71.9
50=	51-100	University of Illinois at Urbana-Champaign		69.8	69.2	81.8	79.2	71.9

Subject Business & Management Studies

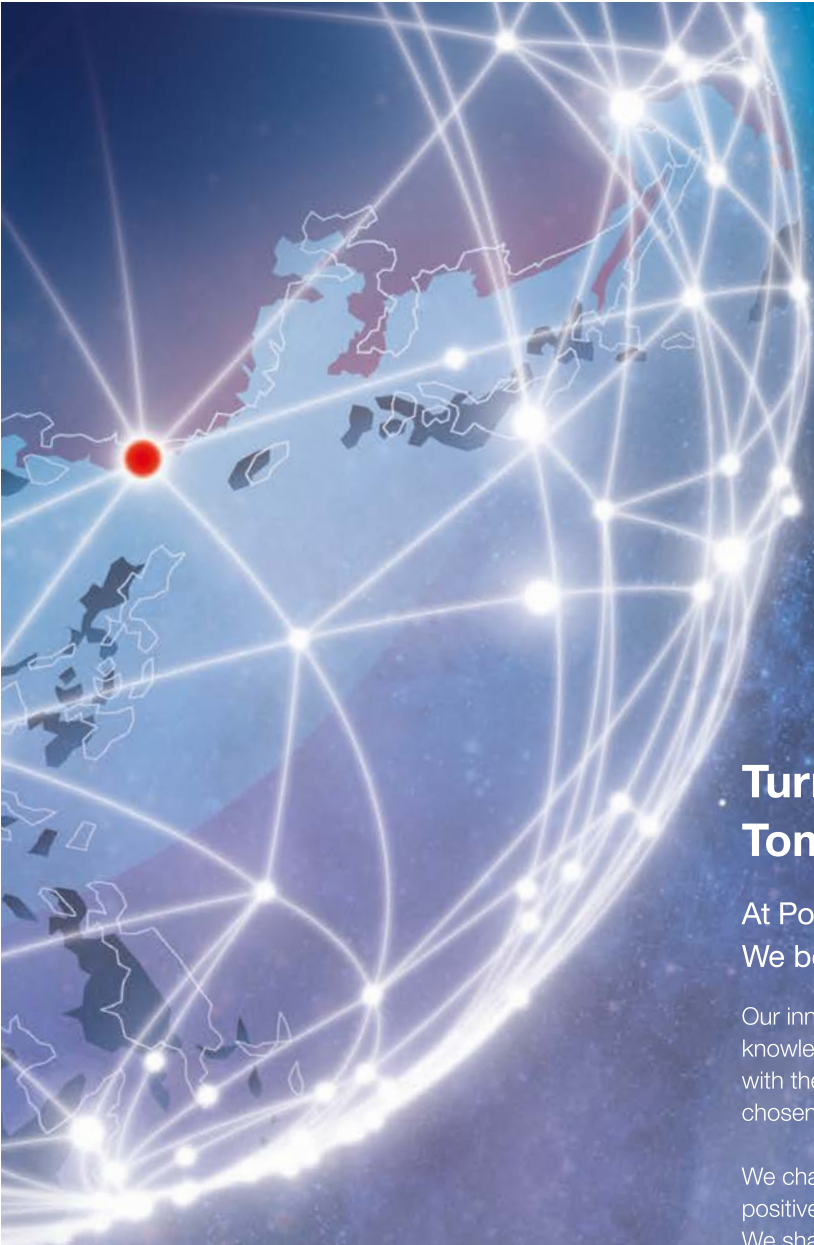
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		99.1	100.0	91.6	99.3	98.6
2	3	INSEAD (France)		99.4	93.9	93.5	85.1	95.7
3	2	London Business School		100.0	93.0	90.7	86.3	95.6
4	4	Massachusetts Institute of Technology (MIT)		94.1	96.1	92.4	94.1	94.5
5	5	University of Pennsylvania		96.3	87.6	93.4	100.0	93.8
6	6	Stanford University		94.7	93.8	87.2	90.5	93.3
7	8	University of Cambridge		89.8	96.1	85.4	94.1	91.7
8	7	University of Oxford		88.4	95.4	86.8	95.7	91.1
9	9	London School of Economics and Political Science (LSE)		93.4	84.9	86.9	91.9	90.1
10	11	Università Commerciale Luigi Bocconi		90.9	86.1	88.5	90.5	89.2
11	10	University of California, Berkeley (UCB)		90.2	84.2	87.7	91.0	88.2
12	12	HEC Paris		88.4	85.0	92.6	82.5	87.2
13	14	Northwestern University		89.2	80.8	90.9	91.9	87.1
14	22	The University of Melbourne		82.2	92.0	86.2	93.7	86.7
15	15	National University of Singapore (NUS)		85.9	88.5	81.7	87.9	86.5
16	20	The Hong Kong University of Science and Technology (HKUST)		87.0	83.6	91.8	85.1	86.3
17	13	Copenhagen Business School		93.0	69.4	88.2	98.3	86.0
18=	19	Columbia University		84.4	85.6	86.9	91.0	85.7
18=	16	University of California, Los Angeles (UCLA)		85.2	85.1	89.8	85.7	85.7
20	17=	University of Chicago		85.7	82.6	90.5	86.8	85.4
21	23=	Yale University		84.2	85.9	88.2	83.8	85.1
22	23=	The University of New South Wales (UNSW)		79.8	86.7	86.2	97.2	84.3
23	17=	New York University (NYU)		85.6	80.7	85.3	82.5	83.8
24=	26	The University of Warwick		82.1	79.0	88.4	96.5	83.2
24=	25	University of Michigan		82.2	78.9	89.3	95.3	83.2
26	28	University of Hong Kong (HKU)		79.4	86.0	86.8	88.5	83.0
27	21	ESADE Business School Universitat Ramon Llull		82.7	79.0	92.3	83.1	82.6
28	36=	Peking University		77.6	89.7	82.6	84.4	82.4
29	31	Monash University		75.5	86.0	86.6	98.7	82.1
30	29	Erasmus University Rotterdam		86.4	66.9	89.0	95.3	81.7
31=	27	IESE Business School Universidad de Navarra		81.0	78.7	90.9	84.4	81.6
31=	40=	The University of Sydney		75.8	86.2	84.7	93.3	81.6
33	39	The Chinese University of Hong Kong (CUHK)		79.4	81.9	87.0	85.7	81.5
34	30	The University of Manchester		77.8	79.6	86.3	98.3	81.2
35	32	Imperial College London		74.4	83.3	92.8	93.7	80.8
36	33	Seoul National University (SNU)		74.3	86.8	86.7	86.3	80.5
37	40=	Tsinghua University		74.2	88.3	82.5	84.4	80.3
38	38	University of British Columbia		78.0	77.8	90.0	87.4	80.1
39	40=	The Hong Kong Polytechnic University		76.1	76.7	90.5	98.7	80.0
40	36=	Nanyang Technological University (NTU)		77.3	82.4	82.6	83.1	79.9
41=	34	Cornell University		78.1	76.5	87.0	90.5	79.8
41=	35	University of Toronto		75.3	81.4	86.6	90.5	79.8
43=	51-100	City University of Hong Kong		76.4	76.6	89.1	95.7	79.7
43=	51-100	The University of Auckland		75.5	79.5	89.1	91.9	79.7
45	50	University of St Gallen (HSG)		76.8	76.3	91.3	91.9	79.6
46	43	Duke University		77.1	77.0	90.6	87.9	79.5
47	45	Korea University		73.6	85.4	83.7	83.8	79.2
48	46	Shanghai Jiao Tong University		73.1	84.5	84.2	87.4	79.1
49	51-100	Australian National University (ANU)		74.9	81.5	82.0	85.7	78.7
50=	51-100	Fudan University		73.4	83.7	82.5	81.8	78.2
50=	47	University of Texas at Austin		77.6	72.0	88.8	89.5	78.2

Subject Communication & Media Studies

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	2	University of Amsterdam		100.0	73.7	97.1	98.8	96.6
2	1	University of Southern California		98.0	70.6	99.0	96.1	95.1
3	3	London School of Economics and Political Science (LSE)		94.3	94.6	95.3	92.4	94.2
4	6=	University of Texas at Austin		93.0	74.7	98.2	100.0	93.6
5	4	Stanford University		95.2	96.3	93.1	87.1	93.3
6	6=	University of California, Berkeley (UCB)		95.0	91.9	94.6	84.0	92.4
7	5	University of Wisconsin-Madison		90.7	71.7	94.6	99.4	91.3
8	9	University of California, Los Angeles (UCLA)		90.0	88.1	91.3	89.0	89.9
9	8	Goldsmiths, University of London		95.4	59.7	92.3	88.1	89.8
10	22	Massachusetts Institute of Technology (MIT)		91.1	100.0	91.5	79.2	89.7
11	11	Columbia University		94.0	87.7	85.4	82.9	89.4
12	14	Nanyang Technological University (NTU)		89.3	86.9	90.1	86.1	88.6
13	10	University of Pennsylvania		90.4	82.7	88.7	85.1	88.2
14	12=	National University of Singapore (NUS)		90.7	92.1	86.0	80.5	87.9
15	16	New York University (NYU)		89.7	83.5	89.7	82.9	87.7
16	12=	Michigan State University		84.1	65.8	97.5	94.7	87.1
17	17	Northwestern University		82.3	76.6	95.9	94.0	86.8
18	15	Yale University		83.8	91.9	89.8	86.1	86.3
19	18=	University of California, Santa Barbara (UCSB)		87.0	59.2	92.7	89.0	85.8
20	20	The Chinese University of Hong Kong (CUHK)		84.9	81.3	90.9	84.0	85.6
21	21	Ohio State University		78.8	70.2	96.0	98.1	85.2
22	23	Cornell University		77.7	80.7	97.4	91.6	84.7
23	34	Cardiff University		83.8	67.6	91.1	85.1	83.9
24=	35=	King's College London (KCL)		83.2	80.0	87.2	82.9	83.6
24=	18=	University of Michigan		79.2	80.9	92.6	87.1	83.6
26	24=	University of Illinois at Urbana-Champaign		82.6	65.1	89.3	88.1	83.3
27	27=	City University of Hong Kong		83.0	72.4	90.5	81.7	83.2
28	31	The University of Melbourne		83.4	92.3	81.3	77.8	82.8
29	29	Pennsylvania State University		77.0	73.5	91.6	92.4	82.7
30	40=	University of Zurich		81.1	75.9	90.5	81.7	82.6
31	24=	Queensland University of Technology (QUT)		78.5	75.0	92.7	84.0	82.1
32=	37	Seoul National University (SNU)		81.8	89.1	84.3	76.4	82.0
32=	27=	The University of Queensland (UQ)		80.6	80.4	85.6	82.9	82.0
32=	35=	The University of Sydney		79.6	88.6	83.7	82.9	82.0
35=	38	Aarhus University		81.9	72.1	88.4	80.5	81.9
35=	51-100	Ludwig-Maximilians-Universität München		79.6	76.6	89.5	82.9	81.9
35=	32=	University of Hong Kong (HKU)		87.0	85.0	81.5	67.8	81.9
38	32=	University of Washington		70.5	70.9	100.0	96.8	81.7
39	51-100	University of Leeds		81.8	74.2	83.4	82.9	81.6
40	47	University of Westminster		89.1	63.8	78.0	71.6	80.9
41=	39	Loughborough University		73.4	67.6	97.4	89.0	80.7
41=	45	University of Chicago		80.0	80.7	83.7	79.2	80.7
43	42=	University of Helsinki		81.0	64.2	88.1	79.2	80.4
44	51-100	Universität Wien		79.5	72.1	86.1	80.5	80.3
45	26	The University of Tokyo		82.9	92.2	76.2	71.6	80.2
46=	50	Pontificia Universidad Católica de Chile		83.1	87.2	79.5	69.7	80.1
46=	46	The University of New South Wales (UNSW)		74.9	90.0	86.4	81.7	80.1
48	42=	University of Missouri, Columbia		78.5	52.7	92.2	85.1	80.0
49	42=	Universidad de Navarra		78.5	86.9	79.3	77.8	79.4
50=	51-100	University of Leicester		75.7	58.4	92.9	85.1	79.3
50=	48	University of Oslo		77.4	62.6	89.0	82.9	79.3

Subject Education

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	UCL Institute of Education University College London		100.0	83.6	92.6	94.2	95.7
2	2	Harvard University		89.3	100.0	96.2	98.7	93.6
3	3	Stanford University		85.5	93.7	100.0	100.0	92.1
4	4	University of Cambridge		86.9	98.7	91.5	88.8	89.4
5	6	University of Oxford		86.1	98.4	92.7	88.2	89.1
6	5	The University of Melbourne		88.4	89.2	89.1	88.2	88.6
7	7	University of Hong Kong (HKU)		85.1	87.2	91.4	88.8	87.3
8	8	University of California, Berkeley (UCB)		83.7	88.8	93.0	88.8	87.1
9	13	The Hong Kong Institute of Education		87.0	71.3	89.4	87.2	86.0
10	9	University of California, Los Angeles (UCLA)		78.9	85.6	95.0	92.5	85.5
11	10	University of Toronto		81.9	79.6	90.1	90.7	85.1
12	11	The University of Sydney		81.3	89.8	89.0	86.7	84.8
13	12	Columbia University		80.4	80.1	92.7	89.7	84.7
14	17	Monash University		77.7	90.0	89.6	90.7	83.9
15	14	The University of Queensland (UQ)		74.5	85.6	91.5	93.7	82.9
16	18	Nanyang Technological University (NTU)		78.8	76.6	90.3	87.7	82.7
17	20	The University of Auckland		77.6	86.2	86.8	84.4	81.7
18	19	University of British Columbia		75.1	77.8	91.4	89.7	81.6
19	15	University of Wisconsin-Madison		76.2	65.6	91.9	92.0	81.4
20	16	University of Michigan		69.8	78.6	94.7	95.7	80.8
21	29	Pontificia Universidad Católica de Chile		83.3	93.8	78.5	65.8	79.9
22	24	Johns Hopkins University		73.9	70.6	93.2	85.0	79.7
23	23	University of Amsterdam		71.1	76.8	94.0	87.7	79.6
24=	34	King's College London (KCL)		70.5	77.9	93.4	86.7	79.1
24=	21	Michigan State University		72.7	56.6	93.1	92.5	79.1
24=	22	The University of Nottingham		75.9	69.3	89.7	81.3	79.1
27	25=	University of Edinburgh		74.2	79.9	87.2	79.3	78.4
28=	35=	Pennsylvania State University		71.2	61.3	90.5	91.1	78.1
28=	41=	University of Texas at Austin		69.7	64.0	91.2	92.9	78.1
30=	28	Deakin University		71.7	74.7	87.4	85.0	77.8
30=	31=	University of Illinois at Urbana-Champaign		73.1	63.1	89.0	85.6	77.8
32	37	The Chinese University of Hong Kong (CUHK)		72.8	75.8	87.5	81.3	77.7
33=	30	Beijing Normal University		79.8	72.1	81.3	70.1	77.4
33=	31=	Boston College		71.2	59.0	94.6	85.0	77.4
35	49=	The University of New South Wales (UNSW)		71.6	86.0	85.3	79.3	77.3
36	33	McGill University		69.3	78.8	89.3	83.8	77.2
37	35=	University of Twente		71.4	47.7	95.4	87.2	77.0
38	51-100	University of Helsinki		72.3	76.3	85.5	79.3	76.7
39	25=	University of Birmingham		71.6	72.2	87.9	80.0	76.6
40	39	Australian National University (ANU)		69.7	90.5	86.1	77.1	76.5
41=	46=	Universidad de Chile		73.5	85.7	84.8	70.1	76.3
41=	49=	University of Alberta		69.8	68.2	88.3	84.4	76.3
41=	51-100	University of Leeds		69.0	74.0	91.4	80.7	76.3
44=	51-100	Katholieke Universiteit Leuven		67.2	68.2	89.6	88.2	76.0
44=	25=	Vanderbilt University		69.3	49.0	92.0	90.2	76.0
46=	46=	New York University (NYU)		64.0	79.0	93.4	86.7	75.9
46=	51-100	The University of Manchester		69.0	81.0	87.0	79.3	75.9
46=	48	University of Chicago		66.0	79.1	93.4	81.3	75.9
49	51-100	Universitat de Barcelona (UB)		70.2	72.5	85.3	79.3	75.3
50=	38	Universidad Nacional Autónoma de México (UNAM)		83.5	89.5	65.0	57.6	75.2
50=	51-100	University of Pennsylvania		60.9	77.0	94.4	90.7	75.2
50=	44	University of Washington		62.8	67.8	93.3	92.0	75.2



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Subject Economics & Econometrics								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	2	Harvard University		100.0	100.0	96.0	100.0	99.2
2	1	Massachusetts Institute of Technology (MIT)		97.6	96.9	100.0	97.3	97.9
3	3	Stanford University		95.4	93.8	92.8	94.0	94.3
4	4	University of California, Berkeley (UCB)		94.3	87.2	95.2	95.5	93.3
5	6	Princeton University		98.4	83.6	94.4	89.9	92.9
6	7	University of Chicago		94.9	81.0	97.4	95.9	92.8
7	5	London School of Economics and Political Science (LSE)		94.8	92.1	88.6	89.4	91.9
8	8	University of Oxford		92.7	98.2	84.5	84.9	90.6
9	9	Yale University		91.5	87.5	91.9	88.2	90.1
10	10	Columbia University		88.9	84.5	92.4	94.0	89.7
11	11	University of Cambridge		92.1	98.4	81.8	78.9	88.7
12	13	University of Pennsylvania		87.8	83.7	91.1	90.6	88.2
13	15	Northwestern University		88.7	75.6	95.2	90.3	87.7
14	12	University of California, Los Angeles (UCLA)		87.4	84.9	91.7	84.3	87.1
15	14	New York University (NYU)		87.3	78.8	91.9	89.6	87.0
16	16	Università Commerciale Luigi Bocconi		85.6	88.4	85.9	80.0	85.1
17	17	UCL (University College London)		83.0	83.1	87.5	83.7	84.1
18	19	University of California, San Diego (UCSD)		84.4	66.0	95.9	85.2	83.2
19	22=	Duke University		79.5	75.6	90.3	87.1	82.4
20	20	National University of Singapore (NUS)		85.0	88.6	77.7	74.8	82.2
21	18	University of Michigan		78.5	77.8	89.4	85.7	82.0
22	21	University of Toronto		78.9	81.2	86.1	83.4	81.7
23	25=	The University of Melbourne		80.9	90.6	78.6	75.7	81.3
24	29	Australian National University (ANU)		83.4	83.7	78.7	75.7	81.0
25	22=	Cornell University		79.3	79.2	84.0	82.7	80.9
26	25=	London Business School		77.1	85.6	87.5	76.1	80.7
27	25=	University of British Columbia		78.8	80.1	85.4	78.9	80.4
28	24	The Hong Kong University of Science and Technology (HKUST)		84.5	82.2	82.4	67.4	80.2
29	30=	The University of Tokyo		84.6	91.7	74.5	64.0	79.9
30	25=	The University of Warwick		81.2	80.7	80.6	74.3	79.6
31=	32=	Peking University		81.9	91.5	75.9	66.1	79.5
31=	32=	The University of New South Wales (UNSW)		77.6	87.3	79.8	75.2	79.5
33	30=	Brown University		77.9	67.4	92.6	80.4	79.2
34	35	ETH Zurich (Swiss Federal Institute of Technology)		78.4	83.2	81.9	73.4	79.1
35	36=	University of Hong Kong (HKU)		79.0	83.9	82.4	70.8	79.0
36	38=	California Institute of Technology (Caltech)		81.2	76.1	82.9	70.8	78.4
37	36=	Tsinghua University		76.8	90.2	79.5	68.0	78.3
38=	46	The Chinese University of Hong Kong (CUHK)		77.6	79.9	84.3	70.8	78.0
38=	34	Universitat Pompeu Fabra		86.0	63.4	83.0	71.4	78.0
40=	41	Stockholm School of Economics		82.3	67.1	84.6	72.9	77.8
40=	43	University of Wisconsin-Madison		76.4	68.1	86.9	81.1	77.8
42	38=	Boston University		76.1	74.6	85.5	76.1	77.7
43=	47	University of Minnesota		82.6	58.4	85.6	78.5	77.5
43=	49	University of Zurich		73.9	73.9	86.7	79.3	77.5
45	45	Monash University		75.8	85.7	77.3	72.4	77.4
46	40	Seoul National University (SNU)		78.5	86.5	78.2	63.3	77.0
47	48	The University of Sydney		69.5	88.1	80.3	75.7	76.6
48	50	Tilburg University		79.0	57.2	85.2	80.7	76.2
49	42	University of Amsterdam		76.5	66.3	82.4	78.9	76.1
50=	44	Erasmus University Rotterdam		76.7	71.3	80.3	73.4	75.7
50=	51-100	Universidad Carlos III de Madrid		79.6	72.1	79.7	67.4	75.7

Subject Development Studies								
2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	University of Sussex		100.0	63.8	93.1	89.6	93.8
2	2	Harvard University		88.4	100.0	95.7	82.9	89.8
3	3	University of Oxford		85.5	96.4	90.9	100.0	89.6
4	7	SOAS - School of Oriental and African Studies, University of London		89.6	71.1	91.0	92.0	88.3
5	4	University of Cambridge		82.4	96.0	95.2	97.2	87.9
6	5=	University of California, Berkeley (UCB)		85.3	86.1	97.2	89.6	87.8
7	5=	London School of Economics and Political Science (LSE)		83.4	86.6	94.2	99.1	87.7
8	8	Stanford University		81.5	90.7	100.0	89.6	86.4
9	11	Australian National University (ANU)		84.2	83.2	86.2	87.1	84.8
10	14	University of Copenhagen		81.9	68.3	88.9	87.1	82.4
11	10	University of Cape Town		79.7	82.7	90.7	82.9	82.1
12	12	University of East Anglia (UEA)		81.5	41.0	93.7	89.6	80.5
13	13	Wageningen University		77.7	54.6	91.6	92.0	79.6
14	9	The University of Manchester		71.1	65.3	94.6	98.2	78.1
15	15	University of Toronto		68.7	67.9	97.5	97.2	77.2
16	17	The University of Melbourne		72.5	82.9	87.5	76.5	76.4
17	16	University of Delhi		74.4	83.9	80.3	74.6	76.3
18	20	University of California, Los Angeles (UCLA)		74.8	83.3	85.8	63.6	75.6
19	18=	University of The Witwatersrand		75.0	85.2	76.8	68.4	75.3
20	27	Princeton University		75.5	82.3	78.6	66.1	75.2
21	18=	The University of Sydney		69.3	81.5	89.5	78.2	74.9
22	21	University of Edinburgh		67.7	73.8	91.5	82.9	74.2
23	23	University of Chicago		77.1	75.4	82.6	51.1	73.9
24	22	The University of Queensland (UQ)		64.5	71.3	95.2	90.8	73.7
25	24	The University of Tokyo		75.4	86.2	69.3	60.9	73.4
26=	25	Brown University		73.4	63.4	81.7	70.6	73.2
26=	34=	University of Amsterdam		67.8	66.8	89.5	82.9	73.2
28	32=	Lund University		69.2	58.5	91.2	76.5	72.5
29	34=	King's College London (KCL)		69.7	59.0	82.9	76.5	71.6
30	26	Universiti Malaya (UM)		72.7	79.2	71.9	60.9	71.5
31	47=	University of California, Davis (UCD)		69.4	55.7	86.5	74.6	71.4
32	50=	Duke University		64.6	65.3	89.2	82.9	71.1
33	37	Universidad Nacional Autónoma de México (UNAM)		75.8	90.0	59.0	51.1	71.0
34	28	University of Hong Kong (HKU)		68.7	73.1	82.6	66.1	70.8
35	51-100	Uppsala University		72.0	37.9	81.2	74.6	70.4
36	32=	University of Birmingham		56.5	80.7	93.8	95.2	70.3
37	39	Michigan State University		63.3	63.8	86.7	79.9	69.4
38	31	University of Leeds		58.1	61.4	96.6	90.8	69.1
39=	49	McGill University		66.9	62.5	80.0	66.1	68.3
39=	44	University of Otago		61.1	73.7	85.3	76.5	68.3
41=	51-100	City University of Hong Kong		62.5	68.0	84.9	74.6	68.2
41=	51-100	The University of Auckland		66.2	77.9	74.0	63.6	68.2
43	41	Arizona State University		63.6	51.3	89.1	76.5	68.1
44	42=	Stellenbosch University		64.1	63.7	83.8	70.6	68.0
45	38	University of Bristol		59.9	70.0	87.3	76.5	67.5
46	40	Katholieke Universiteit Leuven		59.0	47.7	93.3	85.8	67.0
47	47=	The University of Sheffield		54.9	65.2	96.1	84.4	66.5
48=	30	Erasmus University Rotterdam		55.4	61.0	90.2	89.6	66.3
48=	51-100	University of Pennsylvania		58.5	76.1	84.6	72.7	66.3
50	36	Makerere University		66.4	62.4	73.1	60.9	66.2

Subject Hospitality & Leisure Management

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	OVERALL
1	1	University of Nevada - Las Vegas		100.0	71.0		90.7
2	2	Ecole hôtelière de Lausanne		92.8	95.5		88.6
3	3	The Hong Kong Polytechnic University		89.6	60.9	74.1	84.5
4	5	University of Surrey		88.7	43.8	79.6	81.5
5	20	Glion Institute of Higher Education		80.7	100.0		79.6
6	4	Les Roches International School of Hotel Management		81.0	94.9		79.0
7	8	SHMS - Swiss Hotel Management School		80.6	77.7		76.1
8	16	Bournemouth University		80.6	48.2	80.6	75.7
9	11	Cornell University School of Hotel Administration		79.2	55.5	77.0	75.5
10	6	Virginia Polytechnic Institute (Virginia Tech)		82.1	38.7	77.1	75.3
11	9=	Griffith University		80.4	46.6	69.5	74.8
12	7	Pennsylvania State University School of Hospitality Management		82.0	33.7	66.4	74.0
13	9=	Purdue University		79.6	42.3	68.0	73.4
14	15	HTMi - Hotel and Tourism Management Institute Switzerland		79.2	62.2		72.7
15	13=	Texas A&M University		78.4	42.7	64.5	72.4
16	12	The University of Queensland (UQ)		77.3	45.4	67.7	72.0
17	17	IMI-Luzern - International Hotel Management School, Switzerland		75.2	77.1		71.7
18	34	Oxford Brookes University		72.6	57.8	73.5	70.4
19	13=	University of Waterloo		75.1	38.6	68.8	69.3
20	21	Michigan State University		72.9	50.6	56.5	68.7
21	29	Taylor's University		69.9	66.5	48.2	68.3
22	23	University of Central Florida		69.9	51.5	69.2	67.1
23	30	University of Strathclyde		70.4	41.8	66.7	65.9
24	22	Monash University		67.8	50.4	72.2	65.4
25	25	Nanyang Technological University (NTU)		67.1	58.6	54.5	65.2
26	37	NHTV Breda University of Applied Sciences		71.1	34.0	59.3	64.9
27	24	University of Waikato		68.2	40.7	74.4	64.4
28		Victoria University of Wellington		67.2	51.5	56.3	64.3
29	32=	Sheffield Hallam University		70.0	31.8	68.9	64.2
30	18	Institute For Tourism Studies		68.6	39.5	64.8	64.0
31	19	University of Florida		66.1	45.8	65.7	63.0
32		Kansas State University		68.1	28.5	80.6	62.8
33	26	Sejong University		63.1	57.2	72.7	62.7
34	28	University of Exeter		64.0	46.1	86.7	62.5
35=	45=	State Tourism and Hotel Management School (SSAT)		72.4	28.9		62.3
35=	45=	Auckland University of Technology		63.8	54.7	61.4	62.3
35=	40=	University of Illinois at Urbana-Champaign		68.5	32.2	53.6	62.3
38	38=	Southern Cross University		65.9	39.0	64.3	61.8
39		James Cook University (JCU)		67.2	27.2	64.5	61.1
40		Lomonosov Externado de Colombia		69.2	35.9		60.7
41=	43	Lomonosov Moscow State University		65.0	54.7		60.2
41=	38=	The Chinese University of Hong Kong (CUHK)		60.5	54.0	74.2	60.2
41=	35=	Washington State University		64.6	31.6	74.6	60.2
44=		Manchester Metropolitan University		63.4	45.9	48.4	60.0
44=	27	University of South Australia (UniSA)		62.2	45.7	67.2	60.0
46		University of Macau		59.4	61.0	64.5	59.9
47	44	North Carolina State University		68.0	16.5	54.0	59.6
48=		Escuela Universitaria de hosteleria y turismo de Sant Pol de Mar		59.8	77.4		59.5
48=		Lund University		63.2	34.3	76.0	59.5
50=	31	Kyung Hee University		59.0	56.2	73.6	59.3
50=	35=	Yonsei University		58.6	58.0	73.5	59.3

Subject Law

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		100.0	100.0	98.1	100.0	99.9
2	3	University of Cambridge		97.3	99.2	94.9	91.3	96.9
3	2	University of Oxford		98.3	98.9	91.3	86.3	96.3
4	4	Yale University		95.6	88.4	100.0	95.0	93.6
5	5	Stanford University		91.3	93.0	97.7	91.8	92.2
6	6	New York University (NYU)		94.8	78.7	98.1	94.0	90.0
7	8	University of California, Berkeley (UCB)		91.6	84.6	95.1	89.5	89.4
8	11	The University of Melbourne		87.4	98.9	88.4	76.8	89.3
9	7	London School of Economics and Political Science (LSE)		91.3	87.1	92.5	82.0	88.7
10	9	Columbia University		89.8	84.2	93.1	82.7	87.2
11	10	University of Chicago		87.5	79.0	98.1	90.1	85.9
12=	16	Australian National University (ANU)		82.7	91.2	87.9	75.8	84.5
12=	12	UCL (University College London)		88.0	80.5	88.3	79.5	84.5
14	13	The University of Sydney		82.6	95.9	82.6	68.0	84.4
15	15	National University of Singapore (NUS)		85.8	91.0	82.0	66.7	84.3
16	14	The University of New South Wales (UNSW)		81.2	93.7	86.8	73.8	84.1
17	21	Georgetown University		85.0	72.3	97.4	90.1	82.6
18	17	University of Toronto		83.4	81.0	87.1	79.5	82.3
19	18=	University of Hong Kong (HKU)		84.5	87.2	80.1	65.3	82.2
20	18=	King's College London (KCL)		87.9	75.3	83.4	72.7	81.6
21	20	Peking University		83.2	90.3	82.2	55.2	81.1
22	22=	The University of Tokyo		85.0	92.4	64.5	45.6	80.3
23	25	McGill University		83.0	79.5	86.8	69.3	80.1
24	22=	University of California, Los Angeles (UCLA)		75.6	85.4	92.9	79.5	80.0
25	24	University of Edinburgh		84.5	74.1	85.9	72.7	79.7
26	27	Monash University		70.8	93.1	86.3	75.8	79.0
27	29	University of Michigan		77.1	74.4	93.9	85.7	78.4
28	30	University of Pennsylvania		71.2	82.2	93.8	87.7	78.1
29	36	The University of Auckland		75.6	88.0	83.6	63.8	78.0
30=	26	Université Paris 1 Panthéon-Sorbonne		86.1	78.0	71.8	48.3	77.3
30=	28	University of British Columbia		76.7	77.9	91.0	73.8	77.3
32	32	Leiden University		85.7	60.3	89.0	77.7	77.0
33	33	Tsinghua University		77.7	86.9	80.1	50.8	76.5
34=	34=	Cornell University		75.4	74.0	91.7	79.5	76.4
34=	37	Queen Mary University of London (QMUL)		82.1	70.5	83.0	66.7	76.4
36	48=	The University of Queensland (UQ)		67.8	87.6	91.2	76.8	76.3
37	31	Universidad Nacional Autónoma de México (UNAM)		79.3	84.9	68.8	50.8	76.2
38	46	Victoria University of Wellington		77.4	81.3	76.6	59.0	75.8
39	34=	Seoul National University (SNU)		75.9	86.9	78.9	48.3	75.2
40=	51-100	The Chinese University of Hong Kong (CUHK)		74.7	82.8	80.7	59.0	75.1
40=	43	University of Technology Sydney (UTS)		70.8	89.9	82.6	57.1	75.1
42	40=	Katholieke Universiteit Leuven		77.9	69.4	85.6	72.7	75.0
43	38	National Taiwan University (NTU)		75.4	80.1	83.8	59.0	74.8
44	44=	Pontificia Universidad Católica de Chile		77.4	82.1	70.7	50.8	74.5
45	44=	Duke University		70.8	70.2	95.3	87.0	74.3
46	51-100	Humboldt-Universität zu Berlin		82.5	69.5	74.8	55.2	74.1
47	40=	Durham University		71.5	80.3	84.6	65.3	73.9
48	51-100	University of Amsterdam		76.5	65.8	86.5	76.8	73.8
49	40=	Ludwig-Maximilians-Universität München		83.7	70.5	76.7	45.6	73.7
50	50=	Universidade de São Paulo (USP)		75.2	80.3	78.2	53.1	73.6

Subject Library & Information Management

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1=		The University of Sheffield		96.8	73.7	87.9	92.5	92.9
1=		University of North Carolina, Chapel Hill		100.0	57.5	83.7	92.5	92.9
3		University of Illinois at Urbana-Champaign		98.0	61.8	86.2	100.0	92.7
4		University of British Columbia		93.8	75.7	80.4	83.0	89.4
5		Indiana University Bloomington		93.7	57.4	86.9	92.5	89.0
6		University of California, Berkeley (UCB)		80.5	89.3	99.6	94.8	85.0
7		University of Washington		85.9	62.3	87.6	88.7	83.9
8		Loughborough University		85.1	82.3	77.1	84.5	83.6
9		University of Pittsburgh		82.9	44.3	100.0	94.8	82.2
10		University of California, Los Angeles (UCLA)		79.2	86.2	85.6	86.0	81.2
11=		McGill University		80.7	75.2	82.0	90.0	80.8
11=		University of Toronto		78.0	82.6	87.9	95.9	80.8
13		Rutgers - The State University of New Jersey, New Brunswick		81.9	59.8	83.2	83.0	79.9
14		Syracuse University		84.2	41.0	81.3	90.0	79.7
15		University of Texas at Austin		76.3	67.7	93.8	98.0	79.2
16		University of Michigan		76.5	72.8	88.1	88.7	78.5
17		University of Southern California		75.4	62.5	93.2	91.3	77.6
18		Nanyang Technological University (NTU)		73.8	77.6	90.3	87.4	77.3
19		National Taiwan University (NTU)		75.4	85.1	75.4	74.0	76.3
20		RMIT University		75.7	85.1	71.4	77.9	76.1
21		Western University		74.4	62.7	78.1	86.0	74.4
22		Universidad Carlos III de Madrid		72.7	77.3	74.0	77.9	73.6
23		The University of Tokyo		76.7	91.6	53.0	52.0	73.4
24		Universiti Malaya (UM)		67.4	89.7	81.1	90.0	72.8
25		University of Arizona		70.8	56.6	83.8	87.4	72.2
26		University of Amsterdam		69.9	64.7	83.2	84.5	72.1
27		University of Wisconsin-Madison		68.5	66.3	85.5	91.3	72.0
28		Drexel University		70.0	63.8	72.7	83.0	70.4
29		National Taiwan Normal University		74.6	73.8	50.1	55.7	69.9
30		Peking University		64.5	93.1	74.4	76.0	69.4
31		Cornell University		62.7	81.9	85.5	83.0	69.1
32		UCL (University College London)		62.2	89.7	79.7	83.0	68.6
33		Sapienza - Università di Roma		67.3	86.9	57.6	67.3	67.8
34		Nanjing University		66.6	73.7	69.7	64.8	67.7
35=		City University London		66.9	64.2	66.6	74.0	66.9
35=		Humboldt-Universität zu Berlin		70.0	69.8	54.4	55.7	66.9
37		University of Tsukuba		70.0	60.0	54.8	64.8	66.5
38		Katholieke Universiteit Leuven		61.4	69.8	76.7	76.0	65.3
39		Florida State University		62.1	51.5	75.9	81.4	64.1
40		Victoria University of Wellington		60.8	85.5	61.1	74.0	64.0
41		National Chiao Tung University		61.3	76.2	68.5	59.0	63.8
42		Sungkyunkwan University		62.3	71.9	62.4	69.7	63.6
43=		Fudan University		56.9	88.5	71.9	71.9	63.1
43=		Monash University		55.9	100.0	69.1	71.9	63.1
43=		University of Glasgow		62.3	70.5	62.1	62.0	63.1
43=		University of Strathclyde		61.9	69.3	61.6	71.9	63.1
47=		Seoul National University (SNU)		58.3	85.9	66.7	69.7	62.9
47=		Université de Montréal		60.6	56.0	74.1	76.0	62.9
49		Aberystwyth University		68.0	26.2	59.6	71.9	62.8
50		University of Tampere		64.3	42.2	64.4	69.7	62.4

Subject Politics & International Studies

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		90.8	100.0	90.3	94.3	93.9
2	2	University of Oxford		89.5	99.2	87.2	100.0	93.2
3	8	Princeton University		95.4	84.5	100.0	93.5	92.4
4	4	Sciences Po Paris		100.0	87.3	80.5	69.1	91.2
5	3	London School of Economics and Political Science (LSE)		87.9	94.1	89.4	96.5	90.8
6	5	University of Cambridge		86.8	99.1	81.8	84.1	89.7
7	7	Yale University		84.8	88.9	90.5	90.1	87.1
8	6	Australian National University (ANU)		88.0	83.4	81.9	90.1	86.2
9	9	University of California, Berkeley (UCB)		85.8	83.0	88.3	86.2	85.3
10	10	Columbia University		82.5	86.0	82.2	80.7	83.3
11	11	Georgetown University		86.1	75.3	87.2	85.2	82.9
12	15	National University of Singapore (NUS)		79.9	89.7	79.7	75.5	82.4
13	13	University of Chicago		81.4	80.1	89.3	85.2	82.2
14	12	University of Toronto		81.1	77.2	87.7	87.2	81.2
15	17=	The University of Tokyo		79.2	93.5	69.0	63.4	80.9
16	22	Massachusetts Institute of Technology (MIT)		71.5	95.7	81.3	74.0	80.0
17	19=	Stanford University		67.7	93.8	87.5	88.2	79.6
18=	23	The University of Sydney		74.6	85.1	84.1	79.5	79.2
18=	14	University of California, Los Angeles (UCLA)		77.5	79.2	89.0	78.2	79.2
20	17=	Freie Universität Berlin		85.6	66.9	82.0	78.2	78.9
21	24	University of California, San Diego (UCSD)		85.3	60.6	95.5	83.0	78.7
22	16	Johns Hopkins University		83.6	71.9	79.5	72.5	78.6
23	39	SOAS - School of Oriental and African Studies, University of London		86.9	70.3	76.0	63.4	78.5
24=	30	George Washington University		80.4	68.0	91.0	83.0	78.0
24=	31	University of Hong Kong (HKU)		76.5	90.4	70.1	56.4	78.0
26	28	Peking University		75.7	91.5	67.6	56.4	77.7
27=	32	King's College London (KCL)		76.5	76.6	80.9	83.0	77.6
27=	27	University of Michigan		77.0	72.0	89.0	86.2	77.6
29=	29	Seoul National University (SNU)		75.5	88.7	70.5	61.2	77.5
29=	25	University of Copenhagen		77.4	74.8	85.8	78.2	77.5
31=	26	Leiden University		84.3	61.2	81.9	79.5	76.7
31=	38	The University of Melbourne		70.7	88.1	78.1	70.8	76.7
31=	33	University of Amsterdam		75.7	68.0	91.6	92.6	76.7
34	21	New York University (NYU)		71.5	78.8	88.0	83.0	76.5
35	35	Tsinghua University		71.4	89.8	71.0	63.4	76.1
36	19=	Cornell University		75.0	73.8	84.0	76.9	75.7
37=	48	ETH Zurich (Swiss Federal Institute of Technology)		69.4	76.6	89.2	85.2	75.1
37=	40	UCL (University College London)		70.2	78.5	82.4	81.9	75.1
37=	34	University of British Columbia		73.5	73.3	87.9	75.5	75.1
37=	36	University of Essex		77.1	64.4	86.9	85.2	75.1
41	44=	University of Edinburgh		72.3	73.6	83.6	80.7	74.7
42	44=	The University of Warwick		66.8	79.2	88.3	86.2	74.6
43=	51-100	Duke University		71.2	72.2	85.3	80.7	73.9
43=	37	McGill University		71.2	76.5	79.6	74.0	73.9
43=	101-150	Trinity College Dublin (TCD)		71.8	74.1	81.9	75.5	73.9
46	51-100	Waseda University		71.7	93.7	55.0	43.6	73.8
47	42=	Korea University		69.5	85.4	68.8	61.2	73.4
48	41	Fudan University		70.3	86.0	63.2	58.9	73.2
49	51-100	The Chinese University of Hong Kong (CUHK)		68.9	86.1	68.3	58.9	73.0
50	46	The University of Manchester		63.7	78.1	86.1	88.2	72.7

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Te Whare Wānanga o Waikato

NEW ZEALAND

Subject Social Policy & Administration

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	OVERALL
1	1	Harvard University		100.0	100.0	89.5	99.0
2	2	University of Oxford		96.6	98.2	79.6	95.2
3	3	London School of Economics and Political Science (LSE)		95.9	92.6	82.0	93.9
4	5	University of Cambridge		93.5	98.7	75.0	92.7
5	4	University of California, Berkeley (UCB)		94.9	89.2	81.0	92.4
6	6	Stanford University		91.1	93.0	91.9	91.6
7	7	Massachusetts Institute of Technology (MIT)		87.0	93.4	92.3	88.8
8	18	University of Toronto		89.6	83.8	77.2	87.2
9	11	University of Chicago		88.1	81.0	88.1	86.7
10	16=	Johns Hopkins University		92.1	73.3	72.8	86.4
11=	13	Columbia University		87.0	84.6	82.8	86.1
11=	9	The University of Tokyo		97.2	90.5		86.1
13	28=	UCL (University College London)		87.0	86.7	68.3	85.1
14	12	National University of Singapore (NUS)		86.5	90.7	56.9	84.4
15	14	University of California, Los Angeles (UCLA)		85.2	85.8	71.0	83.9
16	26=	University of Bristol		87.8	75.0	69.9	83.5
17	8	Australian National University (ANU)		83.1	90.9	69.0	83.3
18=	15	Seoul National University (SNU)		83.2	89.5	69.6	83.1
18=	16=	The University of Melbourne		82.7	91.5	68.6	83.1
20=	10	University of Hong Kong (HKU)		83.1	85.3	75.2	82.8
20=	24=	University of York		87.5	69.7	76.2	82.8
22	23	University of Michigan		82.3	76.3	86.5	81.5
23	19	Peking University		81.5	92.0	56.5	81.1
24=	24=	New York University (NYU)		82.2	82.8	63.8	80.5
24=	46	Stockholm University		87.5	60.9	70.9	80.5
24=	32=	University of British Columbia		81.3	78.1	79.2	80.5
27	22	The University of Sydney		80.1	89.4	64.5	80.4
28	21	University of Edinburgh		81.3	77.1	76.9	80.0
29	32=	University of Amsterdam		80.0	76.3	86.4	79.9
30	26=	Pontificia Universidad Católica de Chile		83.5	85.8	36.8	79.3
31	34	Freie Universität Berlin		79.3	72.8	89.6	79.0
32	40=	The Chinese University of Hong Kong (CUHK)		78.9	82.5	71.5	78.9
33	48=	Tsinghua University		77.2	89.8	67.3	78.7
34	20	Syracuse University		87.1	36.8	98.4	78.2
35	47	City University of Hong Kong		77.9	76.9	70.5	77.0
36	37	American University		81.7	62.2	71.9	76.8
37	51-100	University of Washington		80.6	62.9	76.7	76.7
38=	31	National Taiwan University (NTU)		80.3	75.7	50.0	76.4
38=	38	Princeton University		85.1	84.2		76.4
38=	30	Yonsei University		76.1	84.8	61.4	76.4
41=	36	Georgetown University		78.3	64.1	86.7	76.3
41=	51-100	University of Pennsylvania		75.1	81.9	73.5	76.3
43	28=	Korea University		76.1	87.6	50.1	75.8
44	51-100	Duke University		75.4	72.1	81.1	75.3
45	51-100	Katholieke Universiteit Leuven		77.3	74.0	60.6	75.0
46=	44	Cornell University		73.7	77.9	77.4	74.9
46=	51-100	King's College London (KCL)		74.9	74.1	76.5	74.9
48=		Leiden University		76.4	70.9	70.0	74.7
48=	51-100	Monash University		71.9	90.3	63.5	74.7
48=	51-100	Sciences Po Paris		77.5	69.0	66.1	74.7
48=	40=	The University of New South Wales (UNSW)		74.1	89.1	50.5	74.7

Subject Sociology

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1	Harvard University		100.0	100.0	94.0	100.0	99.7
2	2	University of California, Berkeley (UCB)		98.8	84.6	93.5	93.2	96.3
3	3	University of Oxford		97.2	98.3	86.8	93.5	96.2
4	4	London School of Economics and Political Science (LSE)		97.0	93.4	88.0	89.7	95.1
5	5	Stanford University		93.9	91.3	97.0	97.4	94.3
6	8=	University of Cambridge		95.2	97.8	78.8	80.8	92.5
7	7	University of Chicago		95.5	79.4	90.5	86.9	92.4
8	11	University of California, Los Angeles (UCLA)		93.4	87.7	88.4	90.1	92.1
9	8=	Yale University		91.2	88.7	96.2	95.7	91.9
10	10	Princeton University		91.9	85.0	96.9	94.1	91.8
11	12	Columbia University		92.0	83.2	87.7	92.8	91.0
12	6	University of Wisconsin-Madison		94.5	62.8	88.7	90.1	90.4
13	18	Australian National University (ANU)		91.8	88.8	78.2	80.3	89.1
14	14	University of Amsterdam		91.2	76.9	85.9	87.3	88.9
15	13	University of Michigan		88.7	77.3	89.6	95.1	88.6
16	15=	New York University (NYU)		86.0	86.7	89.1	91.8	87.1
17	15=	National University of Singapore (NUS)		89.4	90.4	77.9	76.8	87.0
18	17	University of Toronto		87.0	79.8	80.9	84.3	85.6
19	20	Cornell University		83.2	80.0	90.0	89.7	84.2
20	21	The University of Manchester		82.7	76.8	88.4	90.8	83.6
21	25=	Massachusetts Institute of Technology (MIT)		79.9	94.0	100.0	87.7	83.5
22	25=	Freie Universität Berlin		89.9	68.8	76.5	64.2	83.3
23=	28=	Humboldt-Universität zu Berlin		88.7	69.9	73.2	67.1	82.8
23=	22	The University of Tokyo		88.9	88.8	61.9	57.3	82.8
25	19	University of Edinburgh		86.2	65.9	81.0	77.4	82.6
26	23=	University of North Carolina, Chapel Hill		82.1	74.6	86.9	86.9	82.3
27	36	Universidad Nacional Autónoma de México (UNAM)		88.7	82.0	61.2	54.4	81.5
28	27	Peking University		84.6	91.3	74.5	62.1	81.4
29	31	University of Hong Kong (HKU)		84.6	87.1	75.3	64.2	81.3
30	42	University of Copenhagen		82.0	76.6	83.2	78.0	80.9
31	23=	The University of Sydney		79.9	82.0	80.4	80.8	80.3
32=	32	Seoul National University (SNU)		83.1	91.5	67.7	63.2	80.2
32=	43	University of Texas at Austin		79.1	67.7	88.8	91.1	80.2
34	40=	University of British Columbia		80.6	75.5	82.0	79.7	80.0
35	28=	The University of Melbourne		79.3	84.4	78.6	80.3	79.9
36	40=	Brown University		80.4	73.3	84.1	78.6	79.6
37=	51-100	City University of New York		80.3	62.0	81.3	85.6	79.3
37=	44=	Sciences Po Paris		82.1	70.3	76.8	72.8	79.3
39	35	McGill University		78.4	84.5	80.6	78.6	79.2
40=	30	Monash University		78.6	87.7	74.8	75.5	78.9
40=	33	The Chinese University of Hong Kong (CUHK)		81.7	74.9	76.8	68.9	78.9
40=	37=	University of Essex		78.0	66.5	94.4	86.5	78.9
43	37=	The University of Queensland (UQ)		78.6	76.3	81.1	79.2	78.6
44	34	Duke University		76.9	70.9	89.2	87.7	78.5
45	49	Stockholm University		80.9	57.5	81.9	78.0	78.2
46=	46	Lancaster University		79.6	56.3	87.6	81.9	78.0
46=	47=	Universidad de Buenos Aires		86.6	82.3	46.4	45.6	78.0
48=	37=	Goldsmiths, University of London		82.5	51.0	82.5	72.8	77.9
48=	47=	Pontificia Universidad Católica de Chile		81.4	82.7	66.0	62.1	77.9
50	44=	The University of Warwick		79.3	69.3	79.5	76.2	77.8

Subject Sports-related Subjects

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	1=	Loughborough University		100.0	64.4	88.4	82.7	92.1
2	1=	The University of Sydney		87.0	100.0	93.2	100.0	91.2
3	3	The University of Queensland (UQ)		91.1	70.9	92.0	100.0	90.6
4	4	University of British Columbia		90.8	79.6	87.7	93.1	89.6
5	5	University of Birmingham		87.9	82.9	90.1	85.8	87.4
6	6	University of Toronto		85.5	66.1	85.9	96.1	85.2
7	10	University of Alberta		81.7	73.7	90.5	92.6	83.9
8	8=	Pennsylvania State University		92.1	49.1	83.1	68.9	83.0
9	20	Massachusetts Institute of Technology (MIT)		91.9	89.0	71.2	53.4	82.7
10	7	Seoul National University (SNU)		84.7	83.6	85.5	70.3	82.6
11	11=	University of Hong Kong (HKU)		83.6	78.3	89.6	74.1	82.5
12	7	University of Otago		78.3	70.0	91.6	97.5	82.3
13	25	University of Exeter		83.6	66.1	89.8	79.3	82.1
14	8=	University of Florida		82.9	44.2	90.6	93.7	81.8
15	18	University of Copenhagen		82.8	66.8	87.3	81.1	81.6
16	22	University of Bath		83.1	67.3	88.3	75.2	81.1
17	11=	University of Michigan		79.2	66.5	87.5	91.5	81.0
18	17	University of Illinois at Urbana-Champaign		84.0	51.8	87.8	80.2	80.8
19	13	University of Edinburgh		82.7	68.3	86.5	75.2	80.7
20	31=	Universidade de São Paulo (USP)		76.6	76.6	80.9	92.1	79.6
21=	14	McMaster University		76.7	50.9	91.0	96.1	79.2
21=	26=	The Chinese University of Hong Kong (CUHK)		79.5	80.2	84.7	71.6	79.2
21=	20=	The University of Western Australia (UWA)		77.2	69.3	88.8	84.3	79.2
24	15	National Taiwan University (NTU)		73.3	74.8	92.9	91.5	79.1
25	26=	University of Tsukuba		86.0	55.3	72.6	67.4	78.1
26	16	McGill University		78.5	66.4	83.2	78.3	78.0
27	23=	Ohio State University		73.6	53.9	92.6	94.2	77.6
28	51-100	The University of Auckland		77.8	82.2	82.1	67.4	77.3
29	37	University of Massachusetts, Amherst		78.7	50.3	94.9	71.6	77.2
30=	35	Deakin University		68.8	98.5	90.2	79.3	76.6
30=	51-100	Katholieke Universiteit Leuven		73.6	55.0	88.9	90.9	76.6
32	23=	The University of New South Wales (UNSW)		71.3	80.7	92.4	78.3	76.5
33=	41=	University of Ghent		69.3	73.4	92.6	90.9	76.4
33=	41=	University of Technology Sydney (UTS)		70.3	98.1	90.9	71.6	76.4
35	21	Michigan State University		75.2	59.0	95.1	72.9	76.2
36	26=	Vrije Universiteit Amsterdam		77.1	50.4	84.8	80.2	76.1
37=	46	National University of Singapore (NUS)		83.8	84.0	59.5	56.0	76.0
37=	51-100	University of Cape Town		69.3	91.2	91.6	77.3	76.0
39	29	UCL (University College London)		73.3	66.2	88.4	80.2	75.9
40	19	Waseda University		76.0	85.4	75.2	68.9	75.8
41	36	University of Calgary		74.6	50.9	87.4	81.9	75.2
42=	51-100	Auckland University of Technology		69.5	64.1	90.2	89.7	75.1
42=	34	Boston University		68.5	55.7	97.7	92.1	75.1
44=	51-100	Liverpool John Moores University		75.6	52.9	87.2	75.2	75.0
44=	31=	University of Maryland, College Park		78.5	48.7	83.5	70.3	75.0
46	33	Kyoto University		77.8	80.4	69.6	64.2	74.8
47=	44	Cornell University		72.3	69.3	89.6	72.9	74.7
47=	38	Northwestern University		70.9	61.2	87.4	86.5	74.7
49	51-100	Universidad Autónoma de Madrid		76.2	61.3	78.8	70.3	74.2
50	30	Western University		69.6	53.3	90.6	87.8	73.9

Subject Statistics & Operational Research

2018 RANK	2017 RANK		Country / Territory	Academic	Employer	Citations	H	OVERALL
1	2	Massachusetts Institute of Technology (MIT)		100.0	99.1	96.8	100.0	99.3
2=	1	Harvard University		92.4	99.9	95.8	97.0	94.8
2=	3	Stanford University		93.9	96.2	93.9	97.0	94.8
4	4	University of California, Berkeley (UCB)		91.5	91.2	95.2	99.3	93.8
5	5	University of Cambridge		89.4	99.7	93.1	94.5	92.2
6	6	University of Oxford		88.1	98.9	93.5	95.3	91.7
7	7	Georgia Institute of Technology (Georgia Tech)		90.4	73.5	88.2	91.8	88.6
8=	9	Carnegie Mellon University		85.5	82.4	92.0	93.6	88.1
8=	17=	Princeton University		86.2	87.0	93.6	88.0	88.1
10	10	ETH Zurich (Swiss Federal Institute of Technology)		86.3	73.0	92.7	94.5	87.9
11	8	National University of Singapore (NUS)		82.3	91.3	87.2	97.0	87.1
12	11	Imperial College London		83.9	83.1	89.0	91.8	86.4
13	15	Columbia University		81.5	86.1	88.4	95.3	86.1
14	13	University of Michigan		81.0	76.8	89.8	97.7	85.7
15	12	University of Washington		82.3	76.3	89.4	94.5	85.6
16	14	University of California, Los Angeles (UCLA)		82.1	83.9	90.4	88.0	85.1
17	17=	University of Toronto		75.3	87.3	96.3	91.8	84.0
18	16	Cornell University		82.5	79.4	86.1	86.9	83.8
19	20=	University of Chicago		81.7	81.4	86.7	83.6	83.1
20	22=	Tsinghua University		76.9	86.6	88.4	89.0	82.6
21	28	Duke University		78.5	76.0	85.1	89.9	81.9
22=	19	The University of Tokyo		80.6	91.4	80.7	81.2	81.8
22=	22=	University of Pennsylvania		75.3	79.8	91.1	89.9	81.8
24	25	University of Wisconsin-Madison		79.1	69.2	91.6	82.4	81.3
25	30	The University of Melbourne		73.2	100.0	87.0	85.8	81.2
26	26	The Hong Kong University of Science and Technology (HKUST)		74.1	89.8	89.1	84.7	80.8
27	27	UCL (University College London)		71.2	77.4	97.0	89.9	80.7
28=	38=	London School of Economics and Political Science (LSE)		82.2	90.6	76.2	74.4	80.3
28=	20=	University of Hong Kong (HKU)		72.6	91.7	89.6	84.7	80.3
30	24	The University of Warwick		74.6	82.0	84.7	89.0	80.2
31	32=	Johns Hopkins University		74.7	70.5	92.1	84.7	79.8
32=	31	University of North Carolina, Chapel Hill		73.1	67.1	87.9	91.8	79.2
32=	29	Yale University		74.4	88.9	86.7	78.7	79.2
34=	41=	Peking University		76.1	91.3	83.6	75.9	79.1
34=	35	Purdue University		76.4	76.7	83.8	82.4	79.1
36	36	Australian National University (ANU)		70.3	93.9	92.3	75.9	78.2
37	51-100	Monash University		70.1	91.5	87.3	82.4	78.1
38	48	University of California, San Diego (UCSD)		67.0	73.2	100.0	85.8	78.0
39	38=	University of British Columbia		72.5	79.1	84.6	83.6	77.8
40=	43	Pennsylvania State University		70.4	72.1	87.3	89.0	77.7
40=	34	Université de Montréal		70.3	69.2	91.1	86.9	77.7
42	41=	Texas A&M University		73.9	61.0	83.6	89.0	77.6
43=	32=	Nanyang Technological University (NTU)		71.1	83.0	86.5	81.2	77.4
43=	49	The University of Auckland		70.5	89.9	89.8	75.9	77.4
45	51-100	City University of Hong Kong		65.4	85.0	90.5	86.9	76.7
46	46	Katholieke Universiteit Leuven		68.5	72.0	87.5	88.0	76.6
47	51-100	Shanghai Jiao Tong University		65.6	81.6	89.6	88.0	76.5
48=	37	McGill University		70.5	76.8	83.6	83.6	76.4
48=	40	New York University (NYU)		71.0	76.3	88.8	77.3	76.4
50	51-100	University of Illinois at Urbana-Champaign		71.1	75.7	84.0	81.2	76.2



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