

## HiCi Score in ARWU 2015

| Institution                                 | Country/Region | HiCi Score for the Old list<br>(HiCi Score in ARWU 2013) | HiCi Score for<br>the New list(2015) | HiCi Score in<br>ARWU 2015 |
|---|----------------|--|--------------------------------------|----------------------------|
| Harvard University                          | United States  | 100  | 100                                  | 100                        |
| Stanford University                         | United States  | 88.9   | 71.4                                 | 80.1                       |
| University of California, Berkeley          | United States  | 69.7   | 62.4                                 | 66.1                       |
| Massachusetts Institute of Technology (MIT) | United States  | 68.2   | 52.9                                 | 60.6                       |
| Princeton University                        | United States  | 62.2   | 52                                   | 57.1                       |
| University of California, San Diego         | United States  | 60.3   | 52.9                                 | 56.6                       |
| University of Michigan-Ann Arbor            | United States  | 60.5   | 52                                   | 56.2                       |
| University of Washington                    | United States  | 55.1   | 51                                   | 53                         |
| University of California, Los Angeles       | United States  | 57.7   | 46.9                                 | 52.3                       |
| University of Oxford                        | United Kingdom | 48.9   | 55.7                                 | 52.3                       |
| Columbia University                         | United States  | 57.4   | 46.9                                 | 52.1                       |
| Yale University                             | United States  | 59.7   | 42.4                                 | 51                         |
| University of Cambridge                     | United Kingdom | 54.6   | 46.9                                 | 50.8                       |
| Cornell University                          | United States  | 54.9   | 45.8                                 | 50.4                       |
| Northwestern University                     | United States  | 48.5   | 52                                   | 50.3                       |
| Duke University                             | United States  | 46.5   | 53.9                                 | 50.2                       |
| University of Pennsylvania                  | United States  | 57.9   | 41.2                                 | 49.6                       |
| California Institute of Technology          | United States  | 57.4   | 41.2                                 | 49.3                       |
| University of Chicago                       | United States  | 52.2   | 45.8                                 | 49                         |
| University of Minnesota, Twin Cities        | United States  | 51.1   | 43.6                                 | 47.3                       |

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|---|-----------------------|--|--|------------------------------------|
| University of California, San Francisco                     | United States         | 53.7   | 40   | 46.8                               |
| The Imperial College of Science, Technology and Medicine    | United Kingdom        | 41.6   | 46.9   | 44.2                               |
| Johns Hopkins University                                    | United States         | 42.2   | 45.8   | 44                                 |
| The University of Tokyo                                     | Japan                 | 42.5   | 41.2   | 41.9                               |
| Pennsylvania State University - University Park             | United States         | 47.1   | 36.1   | 41.6                               |
| University of California, Davis                             | United States         | 47.3   | 34.6   | 41                                 |
| Washington University in St. Louis                          | United States         | 39   | 42.4   | 40.7                               |
| University of Wisconsin - Madison                           | United States         | 52.1   | 28.3   | 40.2                               |
| University of North Carolina at Chapel Hill                 | United States         | 39.6   | 40   | 39.8                               |
| University of Pittsburgh, Pittsburgh Campus                 | United States         | 42.2   | 37.4   | 39.8                               |
| University of Toronto                                       | Canada                | 39   | 38.7   | 38.8                               |
| University of California, Santa Barbara                     | United States         | 42.7   | 34.6   | 38.7                               |
| The University of Texas at Austin                           | United States         | 45.7   | 31.6   | 38.6                               |
| University College London                                   | United Kingdom        | 39.6   | 37.4   | 38.5                               |
| Swiss Federal Institute of Technology Zurich                | Switzerland           | 36.7   | 40   | 38.4                               |
| The Ohio State University - Columbus                        | United States         | 40.5   | 36.1   | 38.3                               |
| University of California, Santa Cruz                        | United States         | 28.9   | 46.9   | 37.9                               |
| University of Colorado at Boulder                           | United States         | 39.6   | 34.6   | 37.1                               |
| University of Southern California                           | United States         | 39.6   | 31.6   | 35.6                               |
| Mayo Medical School   | United States         | 25.1   | 45.8   | 35.4                               |
| New York University   | United States         | 42.2   | 28.3   | 35.2                               |
| University of Illinois at Urbana-Champaign                  | United States         | 43.3   | 26.5   | 34.9                               |
| Rutgers, The State University of New Jersey - New Brunswick | United States         | 44.6   | 24.5   | 34.5                               |

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|---|-----------------------|--|--|------------------------------------|
| Texas A&M University  | United States         | 33.9   | 34.6   | 34.3                               |
| University of California, Irvine                              | United States         | 36.9   | 31.6   | 34.3                               |
| Kyoto University  | Japan                 | 38.9   | 28.3   | 33.6                               |
| University of Maryland, College Park                          | United States         | 41.5   | 24.5   | 33                                 |
| University of British Columbia                                | Canada                | 32.4   | 33.2   | 32.8                               |
| King Saud University  | Saudi Arabia          | 31.8   | 33.2   | 32.5                               |
| University of Massachusetts Amherst                           | United States         | 33.9   | 30   | 32                                 |
| Osaka University  | Japan                 | 27.1   | 36.1   | 31.6                               |
| The University of Texas Southwestern Medical Center at Dallas | United States         | 30.6   | 31.6   | 31.1                               |
| University of Florida   | United States         | 37.4   | 24.5   | 30.9                               |
| Michigan State University                                     | United States         | 36.9   | 24.5   | 30.7                               |
| Georgia Institute of Technology                               | United States         | 26   | 34.6   | 30.3                               |
| Rockefeller University  | United States         | 28.9   | 31.6   | 30.3                               |
| KU Leuven   | Belgium               | 22.9   | 37.4   | 30.1                               |
| King's College London   | United Kingdom        | 30.7   | 28.3   | 29.5                               |
| Boston University   | United States         | 29.8   | 28.3   | 29.1                               |
| King Abdulaziz University                                     | Saudi Arabia          | 31.7   | 26.5   | 29.1                               |
| Utrecht University  | Netherlands           | 29.9   | 28.3   | 29.1                               |
| Carnegie Mellon University                                    | United States         | 30.7   | 26.5   | 28.6                               |
| The University of Melbourne                                   | Australia             | 24   | 33.2   | 28.6                               |
| Emory University  | United States         | 32.4   | 24.5   | 28.4                               |
| Vanderbilt University   | United States         | 32.4   | 24.5   | 28.4                               |
| The University of Texas M. D. Anderson Cancer Center          | United States         | 21.7   | 34.6   | 28.2                               |

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|--|-----------------------|--|--|------------------------------------|
| Rice University                                | United States         | 21.5   | 34.6   | 28.1                               |
| University of Copenhagen                       | Denmark               | 25.9   | 30   | 28                                 |
| VU University Amsterdam                        | Netherlands           | 24   | 31.6   | 27.8                               |
| Purdue University - West Lafayette             | United States         | 28.9   | 26.5   | 27.7                               |
| University of Arizona                          | United States         | 29.8   | 24.5   | 27.2                               |
| The University of Manchester                   | United Kingdom        | 27.7   | 26.5   | 27.1                               |
| University of Zurich                           | Switzerland           | 25.9   | 28.3   | 27.1                               |
| University of Virginia                         | United States         | 33.9   | 20   | 27                                 |
| Ghent University                               | Belgium               | 17.7   | 36.1   | 26.9                               |
| Icahn School of Medicine at Mount Sinai        | United States         | 20.5   | 33.2   | 26.8                               |
| University of Utah                             | United States         | 30.7   | 22.4   | 26.5                               |
| Brown University                               | United States         | 32.4   | 20   | 26.2                               |
| Swiss Federal Institute of Technology Lausanne | Switzerland           | 24   | 28.3   | 26.1                               |
| Pierre and Marie Curie University - Paris 6    | France                | 25.1   | 26.5   | 25.8                               |
| The University of Edinburgh                    | United Kingdom        | 27.1   | 24.5   | 25.8                               |
| Leiden University                              | Netherlands           | 28.9   | 22.4   | 25.7                               |
| University of Bristol                          | United Kingdom        | 28.9   | 22.4   | 25.7                               |
| North Carolina State University - Raleigh      | United States         | 28   | 22.4   | 25.2                               |
| University of Helsinki                         | Finland               | 24   | 26.5   | 25.2                               |
| University of Rochester                        | United States         | 28   | 22.4   | 25.2                               |
| The University of Glasgow                      | United Kingdom        | 21.5   | 28.3   | 24.9                               |
| Karolinska Institute                           | Sweden                | 32.4   | 17.3   | 24.8                               |
| The Australian National University             | Australia             | 32.3   | 17.3   | 24.8                               |

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|--|-----------------------|--|--|------------------------------------|
| University of California, Riverside          | United States         | 27.1   | 22.4   | 24.7                               |
| University of Southampton                    | United Kingdom        | 19.3   | 30   | 24.6                               |
| The University of Western Australia          | Australia             | 25.8   | 22.4   | 24.1                               |
| University of Wageningen                     | Netherlands           | 28.2   | 20   | 24.1                               |
| Tohoku University                            | Japan                 | 21.4   | 26.5   | 23.9                               |
| University of Alberta                        | Canada                | 21.4   | 26.5   | 23.9                               |
| Baylor College of Medicine                   | United States         | 19.1   | 28.3   | 23.7                               |
| Heidelberg University                        | Germany               | 19.1   | 28.3   | 23.7                               |
| University of Warwick                        | United Kingdom        | 25.1   | 22.4   | 23.7                               |
| McMaster University                          | Canada                | 24   | 22.4   | 23.2                               |
| Oregon State University                      | United States         | 26.1   | 20   | 23                                 |
| University of Groningen                      | Netherlands           | 17.7   | 28.3   | 23                                 |
| McGill University                            | Canada                | 31.5   | 14.1   | 22.8                               |
| University of Cincinnati                     | United States         | 22.9   | 22.4   | 22.6                               |
| Lund University                              | Sweden                | 25.1   | 20   | 22.5                               |
| Technical University Munich                  | Germany               | 24.6   | 20   | 22.3                               |
| Arizona State University                     | United States         | 27.1   | 17.3   | 22.2                               |
| Erasmus University                           | Netherlands           | 21.7   | 22.4   | 22                                 |
| The University of Queensland                 | Australia             | 21.7   | 22.4   | 22                                 |
| University of Miami                          | United States         | 24   | 20   | 22                                 |
| University of Geneva                         | Switzerland           | 20.5   | 22.4   | 21.4                               |
| King Fahd University of Petroleum & Minerals | Saudi Arabia          | 24.8   | 17.3   | 21.1                               |
| Technical University of Denmark              | Denmark               | 17.6   | 24.5   | 21.1                               |

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|--|-----------------------|--|--|------------------------------------|
| University of Illinois at Chicago                            | United States         | 27.8   | 14.1   | 21                                 |
| Oregon Health and Science University                         | United States         | 19.1   | 22.4   | 20.8                               |
| University of Amsterdam                                      | Netherlands           | 19.1   | 22.4   | 20.8                               |
| University of Birmingham                                     | United Kingdom        | 21.6   | 20   | 20.8                               |
| Dartmouth College  | United States         | 24   | 17.3   | 20.7                               |
| Tel Aviv University  | Israel                | 24   | 17.3   | 20.7                               |
| The University of Georgia                                    | United States         | 27   | 14.1   | 20.6                               |
| Colorado State University                                    | United States         | 30.7   | 10   | 20.3                               |
| King Abdullah University of Science and Technology           | Saudi Arabia          | 16.2   | 24.5   | 20.3                               |
| University of Iowa   | United States         | 30.7   | 10   | 20.3                               |
| University of Munich   | Germany               | 16.2   | 24.5   | 20.3                               |
| The University of New South Wales                            | Australia             | 20.4   | 20   | 20.2                               |
| Iowa State University  | United States         | 22.9   | 17.3   | 20.1                               |
| The University of Texas Health Science Center at San Antonio | United States         | 22.9   | 17.3   | 20.1                               |
| Tufts University   | United States         | 22.9   | 17.3   | 20.1                               |
| University of Delaware                                       | United States         | 22.9   | 17.3   | 20.1                               |
| University of Hawaii at Manoa                                | United States         | 26.1   | 14.1   | 20.1                               |
| Durham University  | United Kingdom        | 19.1   | 20   | 19.6                               |
| The Hebrew University of Jerusalem                           | Israel                | 25.1   | 14.1   | 19.6                               |
| University of Frankfurt                                      | Germany               | 19.1   | 20   | 19.6                               |
| National University of Singapore                             | Singapore             | 10.2   | 28.3   | 19.3                               |
| University of East Anglia                                    | United Kingdom        | 16   | 22.4   | 19.2                               |
| University of Maryland, Baltimore                            | United States         | 24   | 14.1   | 19.1                               |

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|--|-----------------------|--|--|------------------------------------|
| University of Nottingham                           | United Kingdom        | 24   | 14.1   | 19.1                               |
| University of Wuerzburg                            | Germany               | 23.6   | 14.1   | 18.9                               |
| Indiana University Bloomington                     | United States         | 27.1   | 10   | 18.5                               |
| Monash University                                  | Australia             | 14.5   | 22.4   | 18.4                               |
| The University of Sheffield                        | United Kingdom        | 19.5   | 17.3   | 18.4                               |
| University of Leeds                                | United Kingdom        | 14.5   | 22.4   | 18.4                               |
| Uppsala University                                 | Sweden                | 14.5   | 22.4   | 18.4                               |
| City University of Hong Kong                       | Hong Kong, China      | 16.2   | 20   | 18.1                               |
| Macquarie University                               | Australia             | 16.2   | 20   | 18.1                               |
| Queen Mary University of London                    | United Kingdom        | 16.2   | 20   | 18.1                               |
| Stockholm University                               | Sweden                | 16.2   | 20   | 18.1                               |
| University of Alabama at Birmingham                | United States         | 16.2   | 20   | 18.1                               |
| University of Tennessee - Knoxville                | United States         | 21.7   | 14.1   | 17.9                               |
| University of Exeter                               | United Kingdom        | 7.2  | 28.3   | 17.8                               |
| The University of Hong Kong                        | Hong Kong, China      | 12.7   | 22.4   | 17.5                               |
| University of Guelph                               | Canada                | 17.7   | 17.3   | 17.5                               |
| University of Notre Dame                           | United States         | 17.7   | 17.3   | 17.5                               |
| The Hong Kong University of Science and Technology | Hong Kong, China      | 17.6   | 17.3   | 17.4                               |
| University of Basel                                | Switzerland           | 24.9   | 10   | 17.4                               |
| University of Bonn                                 | Germany               | 14.7   | 20   | 17.4                               |
| University of Maryland, Baltimore County           | United States         | 12.5   | 22.4   | 17.4                               |
| University of Wollongong                           | Australia             | 10.2   | 24.5   | 17.4                               |
| University of Houston                              | United States         | 20.5   | 14.1   | 17.3                               |

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|--|-----------------------|--|--|------------------------------------|
| Washington State University                            | United States         | 20.5   | 14.1   | 17.3                               |
| University of Montreal                                 | Canada                | 14.5   | 20   | 17.2                               |
| University of Victoria                                 | Canada                | 14.5   | 20   | 17.2                               |
| Weizmann Institute of Science                          | Israel                | 24   | 10   | 17                                 |
| Nagoya University                                      | Japan                 | 16.2   | 17.3   | 16.8                               |
| The University of Dundee                               | United Kingdom        | 16.2   | 17.3   | 16.8                               |
| University of Nebraska - Lincoln                       | United States         | 16.2   | 17.3   | 16.8                               |
| University of Paris-Sud (Paris 11)                     | France                | 16.2   | 17.3   | 16.8                               |
| University of South Carolina - Columbia                | United States         | 16.2   | 17.3   | 16.8                               |
| Joseph Fourier University (Grenoble 1)                 | France                | 10.2   | 22.4   | 16.3                               |
| RWTH Aachen University                                 | Germany               | 10.2   | 22.4   | 16.3                               |
| The University of Adelaide                             | Australia             | 10.2   | 22.4   | 16.3                               |
| University of Bern                                     | Switzerland           | 12.5   | 20   | 16.3                               |
| University of South Florida                            | United States         | 12.5   | 20   | 16.3                               |
| University of Turin                                    | Italy                 | 12.4   | 20   | 16.2                               |
| Case Western Reserve University                        | United States         | 21.7   | 10   | 15.9                               |
| Catholic University of Louvain                         | Belgium               | 17.7   | 14.1   | 15.9                               |
| Northeastern University                                | United States         | 7.2  | 24.5   | 15.9                               |
| Tokyo Institute of Technology                          | Japan                 | 21.7   | 10   | 15.9                               |
| University of Bordeaux                                 | France                | 14.5   | 17.3   | 15.9                               |
| University of Colorado at Denver                       | United States         | 17.7   | 14.1   | 15.9                               |
| University of Erlangen-Nuremberg                       | Germany               | 14.5   | 17.3   | 15.9                               |
| University of Massachusetts Medical School - Worcester | United States         | 14.5   | 17.3   | 15.9                               |



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|--|-----------------------|--|--|------------------------------------|
| University of Montana - Missoula                 | United States         | 14.5   | 17.3   | 15.9                               |
| University of Oslo                               | Norway                | 17.7   | 14.1   | 15.9                               |
| University of Science and Technology of China    | China                 | 7.2  | 24.5   | 15.9                               |
| University of Strasbourg                         | France                | 17.7   | 14.1   | 15.9                               |
| University of Vienna                             | Austria               | 14.5   | 17.3   | 15.9                               |
| Virginia Commonwealth University                 | United States         | 17.7   | 14.1   | 15.9                               |
| Aix Marseille University                         | France                | 16.2   | 14.1   | 15.2                               |
| London School of Economics and Political Science | United Kingdom        | 16.2   | 14.1   | 15.2                               |
| Technion-Israel Institute of Technology          | Israel                | 16.2   | 14.1   | 15.2                               |
| University of Florence                           | Italy                 | 16.2   | 14.1   | 15.2                               |
| University of Rhode Island                       | United States         | 20.5   | 10   | 15.2                               |
| University of Sussex                             | United Kingdom        | 20.5   | 10   | 15.2                               |
| The Chinese University of Hong Kong              | Hong Kong, China      | 16.1   | 14.1   | 15.1                               |
| University of Barcelona                          | Spain                 | 10.2   | 20   | 15.1                               |
| Laval University                                 | Canada                | 15.9   | 14.1   | 15                                 |
| The University of New Mexico - Albuquerque       | United States         | 12.5   | 17.3   | 14.9                               |
| University of Lausanne                           | Switzerland           | 12.4   | 17.3   | 14.9                               |
| University of Liverpool                          | United Kingdom        | 12.5   | 17.3   | 14.9                               |
| University Paris Diderot - Paris 7               | France                | 12.5   | 17.3   | 14.9                               |
| Wake Forest University                           | United States         | 12.5   | 17.3   | 14.9                               |
| Stony Brook University                           | United States         | 19.6   | 10   | 14.8                               |
| University of Innsbruck                          | Austria               | 7.2  | 22.4   | 14.8                               |
| University of Muenster                           | Germany               | 12.2   | 17.3   | 14.8                               |

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|--|-----------------------|--|--|------------------------------------|
| Florida State University                                 | United States         | 19.1   | 10   | 14.6                               |
| University of Leicester                                  | United Kingdom        | 19.1   | 10   | 14.6                               |
| University of Waterloo                                   | Canada                | 19.1   | 10   | 14.6                               |
| San Diego State University                               | United States         | 14.5   | 14.1   | 14.3                               |
| The University of Reading                                | United Kingdom        | 14.5   | 14.1   | 14.3                               |
| University of Marburg                                    | Germany               | 14.5   | 14.1   | 14.3                               |
| University of New Hampshire - Durham                     | United States         | 14.5   | 14.1   | 14.3                               |
| University of Technology, Sydney                         | Australia             | 14.5   | 14.1   | 14.3                               |
| University of Milan                                      | Italy                 | 18.4   | 10   | 14.2                               |
| Lancaster University                                     | United Kingdom        | 17.7   | 10   | 13.9                               |
| National Taiwan University                               | Taiwan, China         | 17.7   | 10   | 13.9                               |
| Rensselaer Polytechnic Institute                         | United States         | 17.7   | 10   | 13.9                               |
| The University of Texas Health Science Center at Houston | United States         | 17.7   | 10   | 13.9                               |
| The University of Texas Medical Branch at Galveston      | United States         | 17.7   | 10   | 13.9                               |
| University of Hamburg                                    | Germany               | 17.7   | 10   | 13.9                               |
| University of York                                       | United Kingdom        | 17.7   | 10   | 13.9                               |
| The University of Calgary                                | Canada                | 10.2   | 17.3   | 13.8                               |
| University of Bologna                                    | Italy                 | 10.2   | 17.3   | 13.8                               |
| University of Kiel                                       | Germany               | 10.2   | 17.3   | 13.8                               |
| Cardiff University                                       | United Kingdom        | 7.2  | 20   | 13.6                               |
| China Medical University                                 | Taiwan, China         | 7.2  | 20   | 13.6                               |
| Louisiana State University - Baton Rouge                 | United States         | 17.3   | 10   | 13.6                               |
| University of Central Florida                            | United States         | 17.1   | 10   | 13.6                               |

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|---|-----------------------|--|--|------------------------------------|
| University of Parma                                     | Italy                 | 7.2  | 20   | 13.6                               |
| Nara Institute of Science and Technology                | Japan                 | 12.5   | 14.1   | 13.3                               |
| Swedish University of Agricultural Sciences             | Sweden                | 12.5   | 14.1   | 13.3                               |
| Temple University                                       | United States         | 12.5   | 14.1   | 13.3                               |
| University of Bochum                                    | Germany               | 12.5   | 14.1   | 13.3                               |
| Kyushu University                                       | Japan                 | 16.2   | 10   | 13.1                               |
| Queen's University                                      | Canada                | 16.2   | 10   | 13.1                               |
| University at Albany (State University of New York)     | United States         | 16.2   | 10   | 13.1                               |
| University at Buffalo, the State University of New York | United States         | 16.2   | 10   | 13.1                               |
| University College Cork                                 | Ireland               | 16.2   | 10   | 13.1                               |
| University of Goettingen                                | Germany               | 16.2   | 10   | 13.1                               |
| University of Freiburg                                  | Germany               | 15.9   | 10   | 13                                 |
| Shanghai Jiao Tong University                           | China                 | 7.9  | 17.3   | 12.6                               |
| Aarhus University                                       | Denmark               | 7.2  | 17.3   | 12.3                               |
| Drexel University                                       | United States         | 7.2  | 17.3   | 12.3                               |
| Eindhoven University of Technology                      | Netherlands           | 7.2  | 17.3   | 12.3                               |
| National Sun Yat-Sen University                         | Taiwan, China         | 7.2  | 17.3   | 12.3                               |
| Paul Sabatier University (Toulouse 3)                   | France                | 7.2  | 17.3   | 12.3                               |
| Radboud University Nijmegen                             | Netherlands           | 7.2  | 17.3   | 12.3                               |
| Seoul National University                               | South Korea           | 7.2  | 17.3   | 12.3                               |
| Trinity College Dublin                                  | Ireland               | 7.2  | 17.3   | 12.3                               |
| University of Giessen                                   | Germany               | 7.2  | 17.3   | 12.3                               |
| University of Gothenburg                                | Sweden                | 7.2  | 17.3   | 12.3                               |

| <b>Institution</b>                                  | <b>Country/Region</b> | <b>HiCi Score for the Old list<br/>(HiCi Score in ARWU 2013)</b> | <b>HiCi Score for<br/>the New list(2015)</b> | <b>HiCi Score in<br/>ARWU 2015</b> |
|---|-----------------------|--|--|------------------------------------|
| University of Ulm                                   | Germany               | 7.2  | 17.3   | 12.3                               |
| Brigham Young University                            | United States         | 14.5   | 10   | 12.2                               |
| Brunel University                                   | United Kingdom        | 10.2   | 14.1   | 12.2                               |
| Carleton University                                 | Canada                | 14.5   | 10   | 12.2                               |
| Dalhousie University                                | Canada                | 14.5   | 10   | 12.2                               |
| Fudan University                                    | China                 | 7.1  | 17.3   | 12.2                               |
| Newcastle University                                | United Kingdom        | 14.5   | 10   | 12.2                               |
| Simon Fraser University                             | Canada                | 14.5   | 10   | 12.2                               |
| Tulane University                                   | United States         | 14.5   | 10   | 12.2                               |
| Umea University                                     | Sweden                | 14.5   | 10   | 12.2                               |
| University of Aberdeen                              | United Kingdom        | 10.2   | 14.1   | 12.2                               |
| University of Alaska - Fairbanks                    | United States         | 14.5   | 10   | 12.2                               |
| University of Arkansas at Fayetteville              | United States         | 10.2   | 14.1   | 12.2                               |
| University of Cape Town                             | South Africa          | 10.2   | 14.1   | 12.2                               |
| University of Otago                                 | New Zealand           | 14.5   | 10   | 12.2                               |
| University of Paris Descartes (Paris 5)             | France                | 10.2   | 14.1   | 12.2                               |
| University of Sao Paulo                             | Brazil                | 10.2   | 14.1   | 12.2                               |
| University of Tuebingen                             | Germany               | 14.5   | 10   | 12.2                               |
| University of Vermont                               | United States         | 14.5   | 10   | 12.2                               |
| University of Konstanz                              | Germany               | 14.2   | 10   | 12.1                               |
| Karlsruhe Institute of Technology (KIT)             | Germany               | 9.8  | 14.1   | 12                                 |
| Bielefeld University                                | Germany               | 13.6   | 10   | 11.8                               |
| Virginia Polytechnic Institute and State University | United States         | 22.9   | 0  | 11.4                               |

| <b>Institution</b>                             | <b>Country/Region</b> | <b>HiCi Score for the Old list<br/>(HiCi Score in ARWU 2013)</b> | <b>HiCi Score for<br/>the New list(2015)</b> | <b>HiCi Score in<br/>ARWU 2015</b> |
|--|-----------------------|--|--|------------------------------------|
| Autonomous University of Madrid                | Spain                 | 12.5   | 10   | 11.3                               |
| Free University Brussels                       | Belgium               | 12.5   | 10   | 11.3                               |
| Swinburne University of Technology             | Australia             | 12.5   | 10   | 11.3                               |
| The Hong Kong Polytechnic University           | Hong Kong, China      | 12.5   | 10   | 11.3                               |
| University of Kansas                           | United States         | 12.5   | 10   | 11.3                               |
| University of Padua                            | Italy                 | 12.5   | 10   | 11.3                               |
| Aalborg University                             | Denmark               | 0  | 22.4   | 11.2                               |
| Nanyang Technological University               | Singapore             | 0  | 22.4   | 11.2                               |
| Peking University                              | China                 | 0  | 22.4   | 11.2                               |
| Georgetown University                          | United States         | 12.2   | 10   | 11.1                               |
| The University of Newcastle, Australia         | Australia             | 12.2   | 10   | 11.1                               |
| Linkoping University                           | Sweden                | 7.2  | 14.1   | 10.7                               |
| Maastricht University                          | Netherlands           | 7.2  | 14.1   | 10.7                               |
| Rush University                                | United States         | 7.2  | 14.1   | 10.7                               |
| TU Dresden                                     | Germany               | 7.2  | 14.1   | 10.7                               |
| University College Dublin                      | Ireland               | 7.2  | 14.1   | 10.7                               |
| University of Arkansas at Little Rock          | United States         | 7.2  | 14.1   | 10.7                               |
| University of Bergen                           | Norway                | 7.2  | 14.1   | 10.7                               |
| University of Eastern Finland                  | Finland               | 7.2  | 14.1   | 10.7                               |
| National and Kapodistrian University of Athens | Greece                | 11.3   | 10   | 10.6                               |
| Polytechnic University of Valencia             | Spain                 | 6.6  | 14.1   | 10.4                               |
| Eotvos Lorand University                       | Hungary               | 10.2   | 10   | 10.1                               |
| James Cook University                          | Australia             | 10.2   | 10   | 10.1                               |

| <b>Institution</b>                                    | <b>Country/Region</b> | <b>HiCi Score for the Old list<br/>(HiCi Score in ARWU 2013)</b> | <b>HiCi Score for<br/>the New list(2015)</b> | <b>HiCi Score in<br/>ARWU 2015</b> |
|---|-----------------------|--|--|------------------------------------|
| Keio University                                       | Japan                 | 10.2   | 10   | 10.1                               |
| National Cheng Kung University                        | Taiwan, China         | 10.2   | 10   | 10.1                               |
| Norwegian University of Science and Technology - NTNU | Norway                | 10.2   | 10   | 10.1                               |
| The University of Auckland                            | New Zealand           | 10.2   | 10   | 10.1                               |
| The University of Texas at Dallas                     | United States         | 10.2   | 10   | 10.1                               |
| University of Ferrara                                 | Italy                 | 10.2   | 10   | 10.1                               |
| University of Liege                                   | Belgium               | 10.2   | 10   | 10.1                               |
| University of Oregon                                  | United States         | 10.2   | 10   | 10.1                               |
| University of Stuttgart                               | Germany               | 10.2   | 10   | 10.1                               |
| University of Tasmania                                | Australia             | 10.2   | 10   | 10.1                               |
| Chiba University                                      | Japan                 | 0  | 20   | 10                                 |
| Tsinghua University                                   | China                 | 0  | 20   | 10                                 |
| University of Tehran                                  | Iran                  | 0  | 20   | 10                                 |
| University of Sydney                                  | Australia             | 19.1   | 0  | 9.6                                |
| Chalmers University of Technology                     | Sweden                | 17.7   | 0  | 8.9                                |
| Thomas Jefferson University                           | United States         | 17.7   | 0  | 8.9                                |
| University of Mainz                                   | Germany               | 17.7   | 0  | 8.9                                |
| Curtin University                                     | Australia             | 0  | 17.3   | 8.7                                |
| Hannover Medical School                               | Germany               | 0  | 17.3   | 8.7                                |
| Harbin Institute of Technology                        | China                 | 0  | 17.3   | 8.7                                |
| Korea University                                      | South Korea           | 0  | 17.3   | 8.7                                |
| Southeast University                                  | China                 | 0  | 17.3   | 8.7                                |
| Sun Yat-sen University                                | China                 | 0  | 17.3   | 8.7                                |

| <b>Institution</b>                                 | <b>Country/Region</b> | <b>HiCi Score for the Old list<br/>(HiCi Score in ARWU 2013)</b> | <b>HiCi Score for<br/>the New list(2015)</b> | <b>HiCi Score in<br/>ARWU 2015</b> |
|--|-----------------------|--|--|------------------------------------|
| Xian Jiao Tong University                          | China                 | 0  | 17.3   | 8.7                                |
| Auburn University                                  | United States         | 7.2  | 10   | 8.6                                |
| Beihang University                                 | China                 | 7.2  | 10   | 8.6                                |
| Boston College                                     | United States         | 7.2  | 10   | 8.6                                |
| Brandeis University                                | United States         | 7.2  | 10   | 8.6                                |
| Delft University of Technology                     | Netherlands           | 7.2  | 10   | 8.6                                |
| Medical University of Vienna                       | Austria               | 7.2  | 10   | 8.6                                |
| National Chiao Tung University                     | Taiwan, China         | 7.2  | 10   | 8.6                                |
| Oklahoma State University                          | United States         | 7.2  | 10   | 8.6                                |
| Toulouse School of Economics                       | France                | 7.2  | 10   | 8.6                                |
| University of Bayreuth                             | Germany               | 7.2  | 10   | 8.6                                |
| University of Duisburg-Essen                       | Germany               | 7.2  | 10   | 8.6                                |
| University of Essex                                | United Kingdom        | 7.2  | 10   | 8.6                                |
| University of Hannover                             | Germany               | 7.2  | 10   | 8.6                                |
| University of Koeln                                | Germany               | 7.2  | 10   | 8.6                                |
| University of Ottawa                               | Canada                | 7.2  | 10   | 8.6                                |
| University of Oulu                                 | Finland               | 7.2  | 10   | 8.6                                |
| University of Rostock                              | Germany               | 7.2  | 10   | 8.6                                |
| University of Surrey                               | United Kingdom        | 7.2  | 10   | 8.6                                |
| University of Valencia                             | Spain                 | 7.2  | 10   | 8.6                                |
| University of Wyoming                              | United States         | 7.2  | 10   | 8.6                                |
| Yonsei University                                  | South Korea           | 7.2  | 10   | 8.6                                |
| Korea Advanced Institute of Science and Technology | South Korea           | 6.6  | 10   | 8.3                                |

| <b>Institution</b>                                   | <b>Country/Region</b> | <b>HiCi Score for the Old list<br/>(HiCi Score in ARWU 2013)</b> | <b>HiCi Score for<br/>the New list(2015)</b> | <b>HiCi Score in<br/>ARWU 2015</b> |
|--|-----------------------|--|--|------------------------------------|
| Syracuse University                                  | United States         | 16.2   | 0  | 8.1                                |
| University of Manitoba                               | Canada                | 16.2   | 0  | 8.1                                |
| University of Connecticut                            | United States         | 15.9   | 0  | 8                                  |
| University of Saskatchewan                           | Canada                | 15.7   | 0  | 7.9                                |
| Technical University of Berlin                       | Germany               | 15.6   | 0  | 7.8                                |
| University of Zaragoza                               | Spain                 | 5.1  | 10   | 7.6                                |
| Bar-Ilan University                                  | Israel                | 14.5   | 0  | 7.2                                |
| Hokkaido University                                  | Japan                 | 14.5   | 0  | 7.2                                |
| Indian Institute of Science                          | India                 | 14.5   | 0  | 7.2                                |
| Medical University of South Carolina                 | United States         | 14.5   | 0  | 7.2                                |
| Scuola Normale Superiore - Pisa                      | Italy                 | 14.5   | 0  | 7.2                                |
| University of Genoa                                  | Italy                 | 14.5   | 0  | 7.2                                |
| University of Pisa                                   | Italy                 | 14.5   | 0  | 7.2                                |
| University of Southern Denmark                       | Denmark               | 14.5   | 0  | 7.2                                |
| Central South University                             | China                 | 0  | 14.1   | 7.1                                |
| Indiana University-Purdue University at Indianapolis | United States         | 0  | 14.1   | 7.1                                |
| Kansas State University                              | United States         | 14.2   | 0  | 7.1                                |
| Lanzhou University                                   | China                 | 0  | 14.1   | 7.1                                |
| London School of Hygiene & Tropical Medicine         | United Kingdom        | 0  | 14.1   | 7.1                                |
| Pohang University of Science and Technology          | South Korea           | 0  | 14.1   | 7.1                                |
| South China University of Technology                 | China                 | 0  | 14.1   | 7.1                                |
| University of Auvergne                               | France                | 0  | 14.1   | 7.1                                |
| University of Granada                                | Spain                 | 0  | 14.1   | 7.1                                |



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|--|-----------------------|--|--|------------------------------------|
| University of Santiago Compostela        | Spain                 | 0  | 14.1   | 7.1                                |
| University of Science, Malaysia          | Malaysia              | 0  | 14.1   | 7.1                                |
| University of the Witwatersrand          | South Africa          | 0  | 14.1   | 7.1                                |
| Zhejiang University                      | China                 | 0  | 14.1   | 7.1                                |
| Clemson University                       | United States         | 12.5   | 0  | 6.3                                |
| The George Washington University         | United States         | 12.5   | 0  | 6.3                                |
| University of Montpellier                | France                | 12.5   | 0  | 6.3                                |
| University of Palermo                    | Italy                 | 12.5   | 0  | 6.3                                |
| University of Turku                      | Finland               | 12.5   | 0  | 6.3                                |
| Yeshiva University                       | United States         | 12.5   | 0  | 6.3                                |
| Ecole Normale Superieure - Paris         | France                | 12.4   | 0  | 6.2                                |
| University of Duesseldorf                | Germany               | 12.1   | 0  | 6.1                                |
| University of Tsukuba                    | Japan                 | 11.7   | 0  | 5.8                                |
| Xiamen University                        | China                 | 1  | 10   | 5.5                                |
| City University of New York City College | United States         | 10.2   | 0  | 5.1                                |
| Ecole Polytechnique                      | France                | 10.2   | 0  | 5.1                                |
| Flinders University                      | Australia             | 10.2   | 0  | 5.1                                |
| George Mason University                  | United States         | 10.2   | 0  | 5.1                                |
| Kanazawa University                      | Japan                 | 10.2   | 0  | 5.1                                |
| Kobe University                          | Japan                 | 10.2   | 0  | 5.1                                |
| National Tsing Hua University            | Taiwan, China         | 10.2   | 0  | 5.1                                |
| Saint Louis University                   | United States         | 10.2   | 0  | 5.1                                |
| Sapienza University of Rome              | Italy                 | 10.2   | 0  | 5.1                                |

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|--|-----------------------|--|--|------------------------------------|
| State University of New York Health Science Center at Brooklyn | United States         | 10.2   | 0  | 5.1                                |
| Texas Tech University  | United States         | 10.2   | 0  | 5.1                                |
| The University of Tokushima                                    | Japan                 | 10.2   | 0  | 5.1                                |
| University of Antwerp  | Belgium               | 10.2   | 0  | 5.1                                |
| University of Bath   | United Kingdom        | 10.2   | 0  | 5.1                                |
| University of Oklahoma - Norman                                | United States         | 10.2   | 0  | 5.1                                |
| University of Twente   | Netherlands           | 10.2   | 0  | 5.1                                |
| Western University   | Canada                | 10.2   | 0  | 5.1                                |
| Autonomous University of Barcelona                             | Spain                 | 0  | 10   | 5                                  |
| Beijing Normal University                                      | China                 | 0  | 10   | 5                                  |
| Dalian University of Technology                                | China                 | 0  | 10   | 5                                  |
| East China University of Science and Technology                | China                 | 0  | 10   | 5                                  |
| Ewha Womans University   | South Korea           | 0  | 10   | 5                                  |
| Florida International University                               | United States         | 0  | 10   | 5                                  |
| Free University of Brussels                                    | Belgium               | 0  | 10   | 5                                  |
| Kyung Hee University   | South Korea           | 0  | 10   | 5                                  |
| Nankai University  | China                 | 0  | 10   | 5                                  |
| Polytechnic Institute of Milan                                 | Italy                 | 0  | 10   | 5                                  |
| Polytechnic University of Catalonia                            | Spain                 | 0  | 10   | 5                                  |
| Pompeu Fabra University  | Spain                 | 0  | 10   | 5                                  |
| Stellenbosch University  | South Africa          | 0  | 10   | 5                                  |
| University of Lisbon   | Portugal              | 0  | 10   | 5                                  |
| University of Malaya   | Malaysia              | 0  | 10   | 5                                  |

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|---|-----------------------|--|--|------------------------------------|
| University of Milan - Bicocca           | Italy                 | 0  | 10   | 5                                  |
| University of Pavia                     | Italy                 | 0  | 10   | 5                                  |
| University of Trieste                   | Italy                 | 0  | 10   | 5                                  |
| Aristotle University of Thessaloniki    | Greece                | 9.8  | 0  | 4.9                                |
| Hiroshima University                    | Japan                 | 9.6  | 0  | 4.8                                |
| University of St Andrews                | United Kingdom        | 7.6  | 0  | 3.8                                |
| Ben-Gurion University of the Negev      | Israel                | 7.2  | 0  | 3.6                                |
| Catholic University of Chile            | Chile                 | 7.2  | 0  | 3.6                                |
| Catholic University of the Sacred Heart | Italy                 | 7.2  | 0  | 3.6                                |
| Chang Gung University                   | Taiwan, China         | 7.2  | 0  | 3.6                                |
| Ecole Normale Superieure - Lyon         | France                | 7.2  | 0  | 3.6                                |
| Federal University of Minas Gerais      | Brazil                | 7.2  | 0  | 3.6                                |
| Griffith University                     | Australia             | 7.2  | 0  | 3.6                                |
| Jagiellonian University                 | Poland                | 7.2  | 0  | 3.6                                |
| KTH Royal Institute of Technology       | Sweden                | 7.2  | 0  | 3.6                                |
| Medical University of Graz              | Austria               | 7.2  | 0  | 3.6                                |
| Okayama University                      | Japan                 | 7.2  | 0  | 3.6                                |
| Paris Dauphine University (Paris 9)     | France                | 7.2  | 0  | 3.6                                |
| Sharif University of Technology         | Iran                  | 7.2  | 0  | 3.6                                |
| Technical University Darmstadt          | Germany               | 7.2  | 0  | 3.6                                |
| Technical University of Braunschweig    | Germany               | 7.2  | 0  | 3.6                                |
| Tokyo Medical and Dental University     | Japan                 | 7.2  | 0  | 3.6                                |
| University of Campinas                  | Brazil                | 7.2  | 0  | 3.6                                |

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|--|-----------------------|--|--|------------------------------------|
| University of Halle-Wittenberg           | Germany               | 7.2  | 0  | 3.6                                |
| University of Jyvaskyla                  | Finland               | 7.2  | 0  | 3.6                                |
| University of Kentucky                   | United States         | 7.2  | 0  | 3.6                                |
| University of KwaZulu-Natal              | South Africa          | 7.2  | 0  | 3.6                                |
| University of Missouri - Columbia        | United States         | 7.2  | 0  | 3.6                                |
| University of Naples Federico II         | Italy                 | 7.2  | 0  | 3.6                                |
| University of Nice Sophia Antipolis      | France                | 7.2  | 0  | 3.6                                |
| University of Perugia                    | Italy                 | 7.2  | 0  | 3.6                                |
| University of Regensburg                 | Germany               | 7.2  | 0  | 3.6                                |
| University of Rennes 1                   | France                | 7.2  | 0  | 3.6                                |
| University of Szeged                     | Hungary               | 7.2  | 0  | 3.6                                |
| University of the Basque Country         | Spain                 | 7.2  | 0  | 3.6                                |
| Utah State University                    | United States         | 7.2  | 0  | 3.6                                |
| Wayne State University                   | United States         | 7.2  | 0  | 3.6                                |
| National Autonomous University of Mexico | Mexico                | 6.6  | 0  | 3.3                                |
| Nanjing University                       | China                 | 1.4  | 0  | 0.7                                |
| Aalto University                         | Finland               | 0  | 0  | 0                                  |
| Cairo University                         | Egypt                 | 0  | 0  | 0                                  |
| Capital Medical University               | China                 | 0  | 0  | 0                                  |
| Catholic University of Korea             | South Korea           | 0  | 0  | 0                                  |
| Charles University in Prague             | Czech                 | 0  | 0  | 0                                  |
| China Agricultural University            | China                 | 0  | 0  | 0                                  |
| Claude Bernard University Lyon 1         | France                | 0  | 0  | 0                                  |

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|---|-----------------------|--|--|------------------------------------|
| Complutense University of Madrid              | Spain                 | 0  | 0  | 0                                  |
| Deakin University                             | Australia             | 0  | 0  | 0                                  |
| ESPCI ParisTech                               | France                | 0  | 0  | 0                                  |
| Federal University of Rio de Janeiro          | Brazil                | 0  | 0  | 0                                  |
| Federal University of Rio Grande do Sul       | Brazil                | 0  | 0  | 0                                  |
| Hanyang University                            | South Korea           | 0  | 0  | 0                                  |
| Huazhong University of Science and Technology | China                 | 0  | 0  | 0                                  |
| Istanbul University                           | Turkey                | 0  | 0  | 0                                  |
| Jilin University                              | China                 | 0  | 0  | 0                                  |
| Kyungpook National University                 | South Korea           | 0  | 0  | 0                                  |
| MINES ParisTech                               | France                | 0  | 0  | 0                                  |
| Moscow State University                       | Russia                | 0  | 0  | 0                                  |
| Nanjing Medical University                    | China                 | 0  | 0  | 0                                  |
| Peking Union Medical College                  | China                 | 0  | 0  | 0                                  |
| Pusan National University                     | South Korea           | 0  | 0  | 0                                  |
| Queen's University Belfast                    | United Kingdom        | 0  | 0  | 0                                  |
| Queensland University of Technology           | Australia             | 0  | 0  | 0                                  |
| Saint Petersburg State University             | Russia                | 0  | 0  | 0                                  |
| Shandong University                           | China                 | 0  | 0  | 0                                  |
| Sichuan University                            | China                 | 0  | 0  | 0                                  |
| Soochow University                            | China                 | 0  | 0  | 0                                  |
| Stockholm School of Economics                 | Sweden                | 0  | 0  | 0                                  |
| Sungkyunkwan University                       | South Korea           | 0  | 0  | 0                                  |

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|----------------------------------|-----------------------|--|--|------------------------------------|
| Tianjin University               | China                 | 0  | 0  | 0                                  |
| Tongji University                | China                 | 0  | 0  | 0                                  |
| UNESP                            | Brazil                | 0  | 0  | 0                                  |
| University of Belgrade           | Serbia                | 0  | 0  | 0                                  |
| University of Bremen             | Germany               | 0  | 0  | 0                                  |
| University of Buenos Aires       | Argentina             | 0  | 0  | 0                                  |
| University of Chile              | Chile                 | 0  | 0  | 0                                  |
| University of Coimbra            | Portugal              | 0  | 0  | 0                                  |
| University of Graz               | Austria               | 0  | 0  | 0                                  |
| University of Jena               | Germany               | 0  | 0  | 0                                  |
| University of Leipzig            | Germany               | 0  | 0  | 0                                  |
| University of Ljubljana          | Slovenia              | 0  | 0  | 0                                  |
| University of Lorraine           | France                | 0  | 0  | 0                                  |
| University of Porto              | Portugal              | 0  | 0  | 0                                  |
| University of Quebec             | Canada                | 0  | 0  | 0                                  |
| University of Roma - Tor Vergata | Italy                 | 0  | 0  | 0                                  |
| University of Seville            | Spain                 | 0  | 0  | 0                                  |
| University of Warsaw             | Poland                | 0  | 0  | 0                                  |
| Vienna University of Technology  | Austria               | 0  | 0  | 0                                  |
| Wuhan University                 | China                 | 0  | 0  | 0                                  |