

# Nature Index tables

Asia–Pacific’s leading institutions for high–quality science, ordered by weighted fractional count (WFC) for 2014. Also shown are the total number of articles, and the change in WFC from 2013. Articles are from the 68 natural science journals that comprise the Nature Index (see *A guide to the Nature Index*, page S75).

## TOP INSTITUTIONAL CONTRIBUTORS

| 2014 | INSTITUTION  | COUNTRY     | WFC      | ARTICLE COUNT | 2013 WFC | 2013–2014 CHANGE IN WFC |
|------|--|-------------|----------|---------------|----------|-------------------------|
| 1    | Chinese Academy of Sciences (CAS)                          | China       | 1,303.86 | 3,114         | 1,207.39 | 8%                      |
| 2    | The University of Tokyo (UTokyo)                           | Japan       | 453.45   | 1,242         | 472.87   | –4.1%                   |
| 3    | Peking University (PKU)                                    | China       | 291.45   | 932           | 275.46   | 5.8%                    |
| 4    | Kyoto University   | Japan       | 286.13   | 714           | 313.51   | –8.7%                   |
| 5    | Osaka University   | Japan       | 218.62   | 553           | 219.88   | –0.6%                   |
| 6    | Tsinghua University (TH)                                   | China       | 205.48   | 605           | 194.93   | 5.4%                    |
| 7    | Nanjing University (NJU)                                   | China       | 201.91   | 469           | 196.00   | 3%                      |
| 8    | Nanyang Technological University (NTU)                     | Singapore   | 199.86   | 371           | 187.38   | 6.7%                    |
| 9    | University of Science and Technology of China (USTC)       | China       | 190.96   | 536           | 175.73   | 8.7%                    |
| 10   | National University of Singapore (NUS)                     | Singapore   | 190.30   | 465           | 191.72   | –0.7%                   |
| 11   | Zhejiang University (ZJU)                                  | China       | 188.39   | 349           | 150.42   | 25.2%                   |
| 12   | Tohoku University  | Japan       | 177.99   | 423           | 189.01   | –5.8%                   |
| 13   | Indian Institutes of Technology (IITs)                     | India       | 168.17   | 287           | 128.43   | 30.9%                   |
| 14   | Fudan University   | China       | 162.89   | 343           | 129.22   | 26.1%                   |
| 15   | Seoul National University (SNU)                            | South Korea | 160.24   | 424           | 158.13   | 1.3%                    |
| 16   | RIKEN  | Japan       | 144.14   | 495           | 165.95   | –13.1%                  |
| 17   | Council of Scientific and Industrial Research (CSIR)       | India       | 128.64   | 196           | 115.24   | 11.6%                   |
| 18   | Tokyo Institute of Technology                              | Japan       | 127.21   | 329           | 105.59   | 20.5%                   |
| 19   | Nagoya University  | Japan       | 125.28   | 431           | 132.97   | –5.8%                   |
| 20   | Korea Advanced Institute of Science and Technology (KAIST) | South Korea | 116.33   | 222           | 103.03   | 12.9%                   |
| 21   | The University of Queensland (UQ)                          | Australia   | 108.83   | 392           | 94.78    | 14.8%                   |
| 22   | Shanghai Jiao Tong University (SJTU)                       | China       | 106.78   | 281           | 96.01    | 11.2%                   |
| 23   | National Taiwan University (NTU)                           | Taiwan      | 106.54   | 294           | 101.28   | 5.2%                    |
| 24   | Lanzhou University (LZU)                                   | China       | 106.27   | 174           | 69.71    | 52.4%                   |
| 25   | Monash University  | Australia   | 102.98   | 381           | 94.47    | 9%                      |
| 26   | Jilin University (JLU)                                     | China       | 101.87   | 184           | 97.72    | 4.2%                    |
| 27   | Agency for Science, Technology and Research (A*STAR)       | Singapore   | 100.33   | 284           | 81.62    | 22.9%                   |
| 28   | National Institute for Material Science (NIMS)             | Japan       | 100.08   | 239           | 81.79    | 22.4%                   |
| 29   | Hokkaido University (HU)                                   | Japan       | 100.03   | 234           | 105.93   | –5.6%                   |
| 30   | Kyushu University  | Japan       | 98.30    | 274           | 84.51    | 16.3%                   |
| 31   | Indian Institute of Science (IISc)                         | India       | 93.72    | 149           | 83.64    | 12%                     |
| 32   | Xiamen University (XMU)                                    | China       | 93.35    | 205           | 76.02    | 22.8%                   |
| 33   | Nankai University  | China       | 91.74    | 220           | 113.52   | –19.2%                  |
| 34   | Wuhan University (WHU)                                     | China       | 90.63    | 152           | 98.80    | –8.3%                   |
| 35   | Sichuan University (SCU)                                   | China       | 89.40    | 165           | 76.82    | 16.4%                   |
| 36   | The University of New South Wales (UNSW)                   | Australia   | 88.12    | 277           | 69.81    | 26.2%                   |
| 37   | University of Chinese Academy of Sciences (UCAS)           | China       | 88.02    | 514           | 71.24    | 23.5%                   |
| 38   | Sun Yat–sen University (SYSU)                              | China       | 87.84    | 189           | 79.43    | 10.6%                   |
| 39   | Australian National University (ANU)                       | Australia   | 87.16    | 498           | 93.53    | –6.8%                   |
| 40   | Soochow University   | China       | 86.09    | 156           | 65.31    | 31.8%                   |
| 41   | The University of Melbourne                                | Australia   | 82.47    | 474           | 89.33    | –7.7%                   |

| 2014 | INSTITUTION  | COUNTRY     | WFC   | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|-------|---------------|----------|-------------------------|
| 42   | Academia Sinica  | Taiwan      | 81.86 | 482           | 80.06    | 2.2%                    |
| 43   | East China Normal University (ECNU)  | China       | 80.63 | 144           | 65.56    | 23%                     |
| 44   | The University of Sydney (USYD)  | Australia   | 79.89 | 491           | 95.13    | -16%                    |
| 45   | Indian Institute of Science Education and Research (IISER)                       | India       | 75.88 | 106           | 58.72    | 29.2%                   |
| 46   | Hong Kong University of Science and Technology (HKUST)                           | China       | 73.59 | 133           | 54.60    | 34.8%                   |
| 47   | Hunan University (HNU)   | China       | 73.19 | 103           | 54.57    | 34.1%                   |
| 48   | The University of Hong Kong (HKU)  | China       | 71.71 | 183           | 71.38    | 0.5%                    |
| 49   | Yonsei University  | South Korea | 71.00 | 200           | 61.62    | 15.2%                   |
| 50   | Pohang University of Science and Technology (POSTECH)                            | South Korea | 70.33 | 150           | 70       | 0.5%                    |
| 51   | National Institute of Advanced Industrial Science and Technology (AIST)          | Japan       | 69.79 | 185           | 79.53    | -12.2%                  |
| 52   | Xi'an Jiaotong University (XJTU)   | China       | 67.97 | 166           | 42.98    | 58.1%                   |
| 53   | East China University of Science and Technology (ECUST)                          | China       | 67.48 | 119           | 56.75    | 18.9%                   |
| 54   | National Tsing Hua University (NTHU)   | Taiwan      | 65.28 | 171           | 66.23    | -1.4%                   |
| 55   | Shandong University (SDU)  | China       | 62.07 | 154           | 39.18    | 58.4%                   |
| 56   | Korea University (KU)  | South Korea | 61.21 | 210           | 72.01    | -15%                    |
| 57   | Sungkyunkwan University (SKKU)   | South Korea | 58.83 | 240           | 50.72    | 16%                     |
| 58   | Huazhong University of Science & Technology (HUST)                               | China       | 56.97 | 150           | 43.62    | 30.6%                   |
| 59   | University of Tsukuba  | Japan       | 53.68 | 224           | 50.15    | 7.1%                    |
| 60   | Southeast University (SEU)   | China       | 52.19 | 108           | 30.94    | 68.6%                   |
| 61   | Dalian University of Technology (DUT)  | China       | 50.61 | 94            | 61.42    | -17.6%                  |
| 62   | Indian Association for the Cultivation of Science (IACS)                         | India       | 49.95 | 70            | 51.20    | -2.4%                   |
| 63   | Hanyang University (HYU)   | South Korea | 49.74 | 127           | 37.06    | 34.2%                   |
| 64   | Beijing Normal University (BNU)  | China       | 49.63 | 142           | 39.60    | 25.3%                   |
| 65   | Northeast Normal University (NENU)   | China       | 47.53 | 66            | 30.73    | 54.7%                   |
| 66   | National Chiao Tung University (NCTU)  | Taiwan      | 46.60 | 99            | 64.35    | -27.6%                  |
| 67   | Tongji University  | China       | 44.86 | 105           | 40.83    | 9.9%                    |
| 68   | Keio University  | Japan       | 44.60 | 117           | 58.33    | -23.6%                  |
| 69   | South China University of Technology (SCUT)                                      | China       | 44.59 | 89            | 30.74    | 45.1%                   |
| 70   | Tianjin University (TJU)   | China       | 43.42 | 145           | 33.98    | 27.8%                   |
| 71   | National Institutes of Natural Sciences (NINS)                                   | Japan       | 40.35 | 361           | 46.63    | -13.5%                  |
| 72   | The University of Adelaide   | Australia   | 38.73 | 180           | 26.69    | 45.1%                   |
| 73   | Ulsan National Institute of Science and Technology (UNIST)                       | South Korea | 38.28 | 87            | 28.42    | 34.7%                   |
| 74   | The University of Western Australia (UWA)  | Australia   | 37.45 | 294           | 44.55    | -16%                    |
| 75   | The Chinese University of Hong Kong (CUHK)                                       | China       | 35.59 | 107           | 39.39    | -9.6%                   |
| 76   | Fuzhou University  | China       | 34.71 | 54            | 26.76    | 29.7%                   |
| 77   | Chiba University   | Japan       | 34.56 | 96            | 36.84    | -6.2%                   |
| 78   | The Commonwealth Scientific and Industrial Research Organisation (CSIRO)         | Australia   | 33.01 | 237           | 48.86    | -32.4%                  |
| 79   | Chinese Academy of Medical Sciences & Peking Union Medical College (CAMS & PUMC) | China       | 31.37 | 92            | 24.72    | 26.9%                   |
| 80   | City University of Hong Kong   | China       | 31.28 | 76            | 36.51    | -14.3%                  |
| 81   | Kyung Hee University (KHU)   | South Korea | 30.98 | 122           | 36.22    | -14.5%                  |
| 82   | Beijing Institute of Technology (BIT)  | China       | 30.10 | 63            | 20.11    | 49.7%                   |
| 83   | Shanghai University  | China       | 29.81 | 67            | 16.49    | 80.8%                   |
| 84   | Harbin Institute of Technology (HIT)   | China       | 29.73 | 59            | 36.22    | -17.9%                  |
| 85   | Tata Institute of Fundamental Research (TIFR)                                    | India       | 29.63 | 199           | 54.74    | -45.9%                  |
| 86   | Institute for Basic Science (IBS)  | South Korea | 29.03 | 116           | 14.51    | 100.1%                  |
| 87   | University of Science and Technology Beijing (USTB)                              | China       | 28.85 | 53            | 25.79    | 11.9%                   |
| 88   | Ewha Womans University   | South Korea | 28.67 | 83            | 26.13    | 9.7%                    |
| 89   | Beijing University of Chemical Technology (BUCT)                                 | China       | 28.34 | 48            | 23.45    | 20.8%                   |
| 90   | Hiroshima University (HU)  | Japan       | 28.15 | 120           | 44.45    | -36.7%                  |
| 91   | University of Otago  | New Zealand | 27.79 | 79            | 27.20    | 2.2%                    |
| 92   | Tokyo University of Science (TUS)  | Japan       | 25.48 | 75            | 24.75    | 3%                      |
| 93   | Northwest University (NWU)   | China       | 25.39 | 39            | 12.04    | 110.9%                  |
| 94   | Samsung Electronics Co., Ltd   | South Korea | 24.96 | 73            | 43.55    | -42.7%                  |

| 2014 | INSTITUTION   | COUNTRY     | WFC   | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|---|-------------|-------|---------------|----------|-------------------------|
| 95   | Gwangju Institute of Science and Technology (GIST)                | South Korea | 24.83 | 50            | 20.10    | 23.5%                   |
| 96   | Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) | India       | 24.13 | 43            | 28.77    | -16.1%                  |
| 97   | Kanazawa University (KU)  | Japan       | 23.98 | 49            | 31.25    | -23.3%                  |
| 98   | Okayama University  | Japan       | 23.71 | 128           | 26.73    | -11.3%                  |
| 99   | Korea Institute of Science and Technology (KIST)                  | South Korea | 23.62 | 89            | 25.82    | -8.5%                   |
| 100  | Japan Agency for Marine–Earth Science and Technology (JAMSTEC)    | Japan       | 23.60 | 78            | 31.54    | -25.2%                  |
| 101  | Zhengzhou University  | China       | 23.53 | 51            | 13.77    | 70.9%                   |
| 102  | Osaka Prefecture University (OPU)                                 | Japan       | 23.42 | 57            | 22.41    | 4.5%                    |
| 103  | Kumamoto University   | Japan       | 22.67 | 57            | 18.27    | 24.1%                   |
| 104  | Beihang University (BUAA)   | China       | 22.50 | 75            | 17.71    | 27%                     |
| 105  | High Energy Accelerator Research Organization (KEK)               | Japan       | 22.34 | 180           | 24.05    | -7.1%                   |
| 106  | Kobe University   | Japan       | 22.21 | 136           | 23.51    | -5.5%                   |
| 107  | Southwest University (SWU)  | China       | 21.67 | 36            | 16.11    | 34.5%                   |
| 108  | Waseda University   | Japan       | 21.58 | 134           | 25.74    | -16.1%                  |
| 109  | Central China Normal University (CCNU)                            | China       | 21.08 | 57            | 15.93    | 32.3%                   |
| 110  | The University of Auckland  | New Zealand | 20.97 | 132           | 26.71    | -21.5%                  |
| 111  | Nanjing Tech University (NanjingTech)                             | China       | 20.74 | 45            | 11.92    | 74%                     |
| 112  | Macquarie University  | Australia   | 19.71 | 154           | 19.97    | -1.3%                   |
| 113  | Central South University (CSU)                                    | China       | 19.66 | 58            | 10.15    | 93.6%                   |
| 114  | Harish–Chandra Research Institute (HRI)                           | India       | 19.47 | 40            | 14.10    | 38%                     |
| 115  | University of Tasmania (UTAS)                                     | Australia   | 19.42 | 106           | 17.99    | 7.9%                    |
| 116  | Curtin University   | Australia   | 19.29 | 194           | 21.85    | -11.7%                  |
| 117  | National Cheng Kung University (NCKU)                             | Taiwan      | 19.28 | 60            | 33.56    | -42.5%                  |
| 118  | University of Hyderabad (UoH)                                     | India       | 19.04 | 28            | 19.10    | -0.3%                   |
| 119  | Yokohama City University (YCU)                                    | Japan       | 18.76 | 46            | 10.75    | 74.5%                   |
| 120  | NTT Group   | Japan       | 18.73 | 32            | 28.40    | -34%                    |
| 121  | Chongqing University (CQU)  | China       | 18.69 | 32            | 12.90    | 45%                     |
| 122  | Nanjing Normal University (NNU)                                   | China       | 18.67 | 46            | 7.75     | 140.9%                  |
| 123  | Nara Institute of Science and Technology (NAIST)                  | Japan       | 18.64 | 47            | 21.24    | -12.2%                  |
| 124  | University of Electronic Science and Technology of China (UESTC)  | China       | 18.42 | 49            | 11.98    | 53.7%                   |
| 125  | The Hong Kong Polytechnic University (PolyU)                      | China       | 18.40 | 49            | 25.94    | -29.1%                  |
| 126  | The Graduate University for Advanced Studies (Sokendai)           | Japan       | 18.21 | 139           | 19.17    | -5%                     |
| 127  | Pusan National University   | South Korea | 18.20 | 76            | 18.26    | -0.3%                   |
| 128  | Kangwon National University                                       | South Korea | 17.91 | 72            | 10.23    | 75%                     |
| 129  | Shandong Normal University (SDNU)                                 | China       | 17.88 | 22            | 12.73    | 40.5%                   |
| 130  | National Taiwan Normal University                                 | Taiwan      | 17.80 | 45            | 15.76    | 12.9%                   |
| 131  | RMIT University   | Australia   | 17.49 | 42            | 12.86    | 36%                     |
| 132  | China University of Geosciences (CUG)                             | China       | 17.01 | 38            | 14.52    | 17.2%                   |
| 133  | China Agricultural University (CAU)                               | China       | 16.22 | 43            | 14.65    | 10.7%                   |
| 134  | James Cook University (JCU)                                       | Australia   | 15.98 | 52            | 12.98    | 23%                     |
| 135  | Yunnan University   | China       | 15.77 | 33            | 11.39    | 38.4%                   |
| 136  | National Central University (NCU)                                 | Taiwan      | 15.60 | 112           | 18.56    | -15.9%                  |
| 137  | South China Normal University (SCNU)                              | China       | 15.59 | 34            | 6.87     | 126.9%                  |
| 138  | Tokyo University of Agriculture and Technology                    | Japan       | 15.53 | 39            | 22.66    | -31.5%                  |
| 139  | Chung–Ang University (CAU)  | South Korea | 15.47 | 41            | 12.71    | 21.7%                   |
| 140  | Saha Institute of Nuclear Physics (SINP)                          | India       | 15.45 | 100           | 15.30    | 1%                      |
| 141  | Wuhan University of Technology (WUT)                              | China       | 15.24 | 28            | 8.59     | 77.5%                   |
| 142  | State Oceanic Administration (SOA)                                | China       | 15.18 | 34            | 5.93     | 155.9%                  |
| 143  | Henan Normal University   | China       | 14.96 | 35            | 12.42    | 20.4%                   |
| 144  | Kyungpook National University (KNU)                               | South Korea | 14.83 | 119           | 13.71    | 8.2%                    |
| 145  | The University of Wollongong (UOW)                                | Australia   | 14.76 | 57            | 23.02    | -35.9%                  |
| 146  | S. N. Bose National Centre for Basic Sciences (SNBNCBS)           | India       | 14.73 | 34            | 10.33    | 42.6%                   |
| 147  | Ocean University of China (OUC)                                   | China       | 14.69 | 38            | 13.03    | 12.7%                   |

| 2014 | INSTITUTION  | COUNTRY     | WFC   | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|-------|---------------|----------|-------------------------|
| 148  | Griffith University  | Australia   | 14.60 | 69            | 10       | 46%                     |
| 149  | Shanxi University  | China       | 14.50 | 26            | 10.82    | 34.1%                   |
| 150  | Ajou University  | South Korea | 14.46 | 40            | 10.58    | 36.7%                   |
| 151  | Osaka City University  | Japan       | 14.40 | 56            | 15.55    | -7.4%                   |
| 152  | Toyota Group   | Japan       | 14.14 | 25            | 9.42     | 50.2%                   |
| 153  | Tokyo Metropolitan University                                  | Japan       | 14.09 | 108           | 15.57    | -9.5%                   |
| 154  | Huazhong Agricultural University (HZAU)                        | China       | 14.05 | 28            | 10.57    | 32.9%                   |
| 155  | China University of Petroleum (UPC)                            | China       | 14.00 | 36            | 7.15     | 95.9%                   |
| 156  | Xiangtan University  | China       | 13.83 | 27            | 12.87    | 7.5%                    |
| 157  | Changzhou University   | China       | 13.81 | 21            | 5.93     | 133.1%                  |
| 158  | Northwestern Polytechnical University (NPU)                    | China       | 13.80 | 28            | 12.90    | 7%                      |
| 159  | The Walter and Eliza Hall Institute of Medical Research (WEHI) | Australia   | 13.72 | 53            | 12.09    | 13.5%                   |
| 160  | Nagasaki University  | Japan       | 13.67 | 31            | 5.75     | 137.8%                  |
| 161  | Northeastern University  | China       | 13.66 | 21            | 2.10     | 550%                    |
| 162  | Beijing Genomics Institute (BGI)                               | China       | 13.64 | 59            | 15.34    | -11.1%                  |
| 163  | Swinburne University of Technology                             | Australia   | 13.54 | 201           | 19.56    | -30.8%                  |
| 164  | Gyeongsang National University                                 | South Korea | 13.37 | 45            | 10.82    | 23.6%                   |
| 165  | Sogang University  | South Korea | 13.36 | 28            | 27.88    | -52.1%                  |
| 166  | Beijing University of Technology (BJUT)                        | China       | 13.27 | 29            | 7.67     | 73%                     |
| 167  | Shanghai Normal University (SHNU)                              | China       | 13.20 | 24            | 3.75     | 251.8%                  |
| 168  | Japan Atomic Energy Agency (JAEA)                              | Japan       | 13.14 | 66            | 13.76    | -4.5%                   |
| 169  | Shaanxi Normal University (SXU)                                | China       | 13.08 | 23            | 11.80    | 10.8%                   |
| 170  | National Sun Yat-Sen University (NSYSU)                        | Taiwan      | 12.78 | 29            | 25.98    | -50.8%                  |
| 171  | Ehime University   | Japan       | 12.74 | 70            | 15.11    | -15.7%                  |
| 172  | Tokyo Medical and Dental University (TMDU)                     | Japan       | 12.68 | 56            | 16.00    | -20.8%                  |
| 173  | Second Military Medical University (SMMU)                      | China       | 12.62 | 41            | 16.99    | -25.7%                  |
| 174  | Nagoya Institute of Technology (NITech)                        | Japan       | 12.61 | 19            | 20.96    | -39.8%                  |
| 175  | Nanjing University of Aeronautics and Astronautics (NUAA)      | China       | 12.61 | 25            | 6.58     | 91.5%                   |
| 176  | South University of Science and Technology of China (SUSTC)    | China       | 12.52 | 31            | 2.24     | 458.3%                  |
| 177  | Victoria University of Wellington                              | New Zealand | 12.47 | 62            | 24.91    | -50%                    |
| 178  | Korea Institute for Advanced Study (KIAS)                      | South Korea | 12.31 | 45            | 15.89    | -22.5%                  |
| 179  | Kinki University   | Japan       | 12.23 | 34            | 9.21     | 32.9%                   |
| 180  | China Meteorological Administration (CMA)                      | China       | 12.19 | 35            | 9.93     | 22.8%                   |
| 181  | Anhui Normal University  | China       | 12.00 | 14            | 5.96     | 101.4%                  |
| 182  | Hong Kong Baptist University (HKBU)                            | China       | 11.99 | 30            | 12.77    | -6.1%                   |
| 183  | University of Toyama   | Japan       | 11.81 | 28            | 14.18    | -16.7%                  |
| 184  | Physical Research Laboratory (PRL)                             | India       | 11.69 | 41            | 8.80     | 32.9%                   |
| 185  | Shizuoka University  | Japan       | 11.68 | 32            | 13.95    | -16.3%                  |
| 186  | Nanjing Medical University (NJMU)                              | China       | 11.64 | 49            | 7.27     | 60%                     |
| 187  | University of Hyogo  | Japan       | 11.62 | 40            | 5.32     | 118.6%                  |
| 188  | Henan University (HENU)  | China       | 11.35 | 18            | 12.53    | -9.4%                   |
| 189  | Japan Synchrotron Radiation Research Institute (JASRI)         | Japan       | 11.34 | 68            | 14.15    | -19.8%                  |
| 190  | Zhejiang University of Technology                              | China       | 11.10 | 22            | 8.03     | 38.2%                   |
| 191  | Wenzhou University   | China       | 11.06 | 19            | 8.05     | 37.4%                   |
| 192  | Inha University  | South Korea | 11.04 | 34            | 11.21    | -1.5%                   |
| 193  | China Pharmaceutical University (CPU)                          | China       | 10.87 | 24            | 3.88     | 180.1%                  |
| 194  | University of Delhi (DU)                                       | India       | 10.83 | 79            | 7.71     | 40.6%                   |
| 195  | QIMR Berghofer Medical Research Institute                      | Australia   | 10.83 | 63            | 4.28     | 153.1%                  |
| 196  | Chonnam National University (CNU)                              | South Korea | 10.83 | 103           | 5.85     | 85.2%                   |
| 197  | National Institute of Biological Sciences, Beijing (NIBS)      | China       | 10.79 | 31            | 11.73    | -8%                     |
| 198  | Niigata University   | Japan       | 10.77 | 60            | 12.75    | -15.5%                  |
| 199  | Banaras Hindu University (BHU)                                 | India       | 10.76 | 21            | 10.47    | 2.8%                    |
| 200  | Yamagata University  | Japan       | 10.72 | 34            | 7.76     | 38.3%                   |

## TOP INSTITUTIONAL CONTRIBUTORS: LIFE SCIENCES

| 2014 | INSTITUTION  | COUNTRY     | WFC    | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|--------|---------------|----------|-------------------------|
| 1    | Chinese Academy of Sciences (CAS)  | China       | 155.22 | 420           | 147.94   | 4.9%                    |
| 2    | The University of Tokyo (UTokyo)   | Japan       | 99.33  | 262           | 112.59   | -11.8%                  |
| 3    | Kyoto University   | Japan       | 62.04  | 160           | 70.86    | -12.5%                  |
| 4    | RIKEN  | Japan       | 59.26  | 201           | 70.06    | -15.4%                  |
| 5    | The University of Queensland (UQ)  | Australia   | 55.69  | 182           | 42.16    | 32.1%                   |
| 6    | Osaka University   | Japan       | 49.95  | 153           | 59.94    | -16.7%                  |
| 7    | Peking University (PKU)  | China       | 46.51  | 160           | 41.55    | 11.9%                   |
| 8    | Seoul National University (SNU)  | South Korea | 43.02  | 119           | 34.35    | 25.3%                   |
| 9    | The University of Melbourne  | Australia   | 39.47  | 183           | 44.21    | -10.7%                  |
| 10   | Monash University  | Australia   | 36.93  | 120           | 30.11    | 22.6%                   |
| 11   | National University of Singapore (NUS)   | Singapore   | 33.45  | 160           | 36.72    | -8.9%                   |
| 12   | Agency for Science, Technology and Research (A*STAR)                             | Singapore   | 30.72  | 112           | 30.25    | 1.6%                    |
| 13   | Nagoya University  | Japan       | 29.84  | 80            | 28.69    | 4%                      |
| 14   | Tsinghua University (TH)   | China       | 27.87  | 107           | 27.63    | 0.9%                    |
| 15   | Shanghai Jiao Tong University (SJTU)   | China       | 27.48  | 91            | 20.50    | 34%                     |
| 16   | Hokkaido University (HU)   | Japan       | 25.94  | 76            | 27.86    | -6.9%                   |
| 17   | Kyushu University  | Japan       | 24.54  | 73            | 25.57    | -4%                     |
| 18   | The University of Sydney (USYD)  | Australia   | 24.51  | 83            | 28.98    | -15.4%                  |
| 19   | Academia Sinica  | Taiwan      | 24.13  | 60            | 25.71    | -6.1%                   |
| 20   | Zhejiang University (ZJU)  | China       | 23.06  | 73            | 16.53    | 39.5%                   |
| 21   | Sun Yat-sen University (SYSU)  | China       | 21.37  | 60            | 11.21    | 90.5%                   |
| 22   | Tohoku University  | Japan       | 20.12  | 69            | 24.25    | -17%                    |
| 23   | Chinese Academy of Medical Sciences & Peking Union Medical College (CAMS & PUMC) | China       | 18.89  | 67            | 13.43    | 40.6%                   |
| 24   | Shandong University (SDU)  | China       | 18.28  | 40            | 6.63     | 175.7%                  |
| 25   | University of Science and Technology of China (USTC)                             | China       | 17.30  | 44            | 19.07    | -9.3%                   |
| 26   | Fudan University   | China       | 17.15  | 88            | 21.72    | -21%                    |
| 27   | Indian Institute of Science (IISC)   | India       | 16.59  | 24            | 9.25     | 79.3%                   |
| 28   | The University of New South Wales (UNSW)   | Australia   | 16.38  | 74            | 20.83    | -21.3%                  |
| 29   | Australian National University (ANU)   | Australia   | 15.28  | 65            | 17.31    | -11.7%                  |
| 30   | Keio University  | Japan       | 15.07  | 56            | 19.98    | -24.6%                  |
| 31   | University of Chinese Academy of Sciences (UCAS)                                 | China       | 14.75  | 91            | 8.39     | 75.9%                   |
| 32   | The University of Adelaide   | Australia   | 14.42  | 51            | 10.30    | 40%                     |
| 33   | Nanyang Technological University (NTU)   | Singapore   | 13.93  | 55            | 11.57    | 20.4%                   |
| 34   | The Walter and Eliza Hall Institute of Medical Research (WEHI)                   | Australia   | 13.72  | 53            | 12.09    | 13.5%                   |
| 35   | National Institutes of Natural Sciences (NINS)                                   | Japan       | 13.68  | 50            | 15.72    | -13%                    |
| 36   | Wuhan University (WHU)   | China       | 12.94  | 29            | 15.08    | -14.2%                  |
| 37   | Yonsei University  | South Korea | 12.92  | 44            | 11.53    | 12%                     |
| 38   | Council of Scientific and Industrial Research (CSIR)                             | India       | 12.92  | 26            | 14.80    | -12.7%                  |
| 39   | Beijing Genomics Institute (BGI)   | China       | 12.73  | 58            | 15.19    | -16.2%                  |
| 40   | The University of Hong Kong (HKU)  | China       | 12.49  | 46            | 10.28    | 21.5%                   |
| 41   | National Taiwan University (NTU)   | Taiwan      | 12.02  | 38            | 14.53    | -17.3%                  |
| 42   | The University of Western Australia (UWA)  | Australia   | 11.63  | 78            | 8.20     | 41.8%                   |
| 43   | University of Tsukuba  | Japan       | 11.48  | 37            | 10.02    | 14.6%                   |
| 44   | James Cook University (JCU)  | Australia   | 11.45  | 35            | 11.30    | 1.4%                    |
| 45   | Nanjing University (NJU)   | China       | 11.10  | 27            | 9.20     | 20.7%                   |
| 46   | University of Otago  | New Zealand | 10.99  | 41            | 14.46    | -24%                    |
| 47   | Pohang University of Science and Technology (POSTECH)                            | South Korea | 10.86  | 32            | 6.45     | 68.4%                   |
| 48   | Huazhong University of Science & Technology (HUST)                               | China       | 10.71  | 42            | 8.71     | 22.8%                   |
| 49   | Korea Advanced Institute of Science and Technology (KAIST)                       | South Korea | 10.70  | 33            | 17.10    | -37.4%                  |
| 50   | Korea University (KU)  | South Korea | 10.21  | 38            | 13.43    | -24%                    |

## TOP INSTITUTIONAL CONTRIBUTORS: CHEMISTRY

| 2014 | INSTITUTION  | COUNTRY     | WFC    | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|--------|---------------|----------|-------------------------|
| 1    | Chinese Academy of Sciences (CAS)                          | China       | 768.72 | 1,395         | 679.89   | 13.1%                   |
| 2    | Peking University (PKU)                                    | China       | 151.32 | 366           | 142.68   | 6.1%                    |
| 3    | Kyoto University   | Japan       | 151.26 | 237           | 157.12   | -3.7%                   |
| 4    | Nanyang Technological University (NTU)                     | Singapore   | 143.06 | 217           | 123.90   | 15.5%                   |
| 5    | The University of Tokyo (UTokyo)                           | Japan       | 142.72 | 227           | 159.48   | -10.5%                  |
| 6    | Zhejiang University (ZJU)                                  | China       | 125.25 | 178           | 86.42    | 44.9%                   |
| 7    | Nanjing University (NJU)                                   | China       | 120.27 | 206           | 117.34   | 2.5%                    |
| 8    | Fudan University   | China       | 114.38 | 186           | 80.10    | 42.8%                   |
| 9    | University of Science and Technology of China (USTC)       | China       | 107.51 | 223           | 93.78    | 14.6%                   |
| 10   | Indian Institutes of Technology (IITs)                     | India       | 106.58 | 141           | 74.77    | 42.6%                   |
| 11   | Osaka University   | Japan       | 105.69 | 171           | 106.33   | -0.6%                   |
| 12   | Tsinghua University (TH)                                   | China       | 101.79 | 201           | 92.06    | 10.6%                   |
| 13   | National University of Singapore (NUS)                     | Singapore   | 93.39  | 177           | 83.81    | 11.4%                   |
| 14   | Council of Scientific and Industrial Research (CSIR)       | India       | 90.40  | 117           | 79.46    | 13.8%                   |
| 15   | Lanzhou University (LZU)                                   | China       | 84.31  | 118           | 50.35    | 67.5%                   |
| 16   | Tohoku University  | Japan       | 81.32  | 138           | 62.89    | 29.3%                   |
| 17   | Jilin University (JLU)                                     | China       | 77.57  | 128           | 73.88    | 5%                      |
| 18   | Korea Advanced Institute of Science and Technology (KAIST) | South Korea | 73.01  | 132           | 56.93    | 28.2%                   |
| 19   | Xiamen University (XMU)                                    | China       | 71.62  | 138           | 59.87    | 19.6%                   |
| 20   | Sichuan University (SCU)                                   | China       | 70.75  | 98            | 68.45    | 3.4%                    |
| 21   | Seoul National University (SNU)                            | South Korea | 68.64  | 111           | 70.70    | -2.9%                   |
| 22   | Nankai University  | China       | 66.08  | 160           | 86.00    | -23.2%                  |
| 23   | Hunan University (HNU)                                     | China       | 64.94  | 85            | 51.90    | 25.1%                   |
| 24   | East China University of Science and Technology (ECUST)    | China       | 63.17  | 105           | 53.04    | 19.1%                   |
| 25   | Tokyo Institute of Technology                              | Japan       | 60.60  | 104           | 63.19    | -4.1%                   |
| 26   | Wuhan University (WHU)                                     | China       | 59.68  | 90            | 63.22    | -5.6%                   |
| 27   | Indian Institute of Science Education and Research (IISER) | India       | 58.13  | 70            | 44.18    | 31.6%                   |
| 28   | Soochow University   | China       | 57.60  | 94            | 34.75    | 65.7%                   |
| 29   | Nagoya University  | Japan       | 56.84  | 107           | 66.82    | -14.9%                  |
| 30   | University of Chinese Academy of Sciences (UCAS)           | China       | 54.75  | 270           | 47.89    | 14.3%                   |
| 31   | Sun Yat-sen University (SYSU)                              | China       | 54.67  | 94            | 52.10    | 4.9%                    |
| 32   | East China Normal University (ECNU)                        | China       | 52.72  | 82            | 41.54    | 26.9%                   |
| 33   | Shanghai Jiao Tong University (SJTU)                       | China       | 50.11  | 85            | 45.14    | 11%                     |
| 34   | Hokkaido University (HU)                                   | Japan       | 48.56  | 87            | 53.72    | -9.6%                   |
| 35   | Kyushu University  | Japan       | 43.50  | 87            | 38.45    | 13.1%                   |
| 36   | National Institute for Material Science (NIMS)             | Japan       | 42.64  | 97            | 46.34    | -8%                     |
| 37   | Agency for Science, Technology and Research (A*STAR)       | Singapore   | 41.91  | 112           | 28.20    | 48.6%                   |
| 38   | Northeast Normal University (NENU)                         | China       | 41.59  | 53            | 25.65    | 62.1%                   |
| 39   | Indian Institute of Science (IISc)                         | India       | 40.82  | 54            | 37.78    | 8%                      |
| 40   | Dalian University of Technology (DUT)                      | China       | 39.58  | 74            | 47.16    | -16.1%                  |
| 41   | Monash University  | Australia   | 38.91  | 101           | 39.02    | -0.3%                   |
| 42   | The University of Queensland (UQ)                          | Australia   | 38.86  | 74            | 23.99    | 62%                     |
| 43   | RIKEN  | Japan       | 38.43  | 101           | 44.57    | -13.8%                  |
| 44   | National Tsing Hua University (NTHU)                       | Taiwan      | 38.20  | 67            | 32.04    | 19.2%                   |
| 45   | South China University of Technology (SCUT)                | China       | 38.20  | 71            | 28.75    | 32.9%                   |
| 46   | National Taiwan University (NTU)                           | Taiwan      | 37.80  | 70            | 43.58    | -13.2%                  |
| 47   | Yonsei University  | South Korea | 37.51  | 79            | 28.87    | 29.9%                   |
| 48   | The University of Hong Kong (HKU)                          | China       | 36.29  | 59            | 39.04    | -7%                     |
| 49   | Sungkyunkwan University (SKKU)                             | South Korea | 36.04  | 80            | 23.97    | 50.4%                   |
| 50   | Indian Association for the Cultivation of Science (IACS)   | India       | 35.76  | 41            | 38.48    | -7.1%                   |

## TOP INSTITUTIONAL CONTRIBUTORS: PHYSICAL SCIENCES

| 2014 | INSTITUTION   | COUNTRY     | WFC    | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|---|-------------|--------|---------------|----------|-------------------------|
| 1    | Chinese Academy of Sciences (CAS)                                       | China       | 412.10 | 1,367.00      | 406.86   | 1.3%                    |
| 2    | The University of Tokyo (UTokyo)  | Japan       | 202.87 | 729.00        | 193.50   | 4.8%                    |
| 3    | Peking University (PKU)   | China       | 111.85 | 449.00        | 105.09   | 6.4%                    |
| 4    | Tsinghua University (TH)  | China       | 98.15  | 357.00        | 87.94    | 11.6%                   |
| 5    | National University of Singapore (NUS)                                  | Singapore   | 80.80  | 171.00        | 88.74    | -8.9%                   |
| 6    | Kyoto University  | Japan       | 77.14  | 328.00        | 91.02    | -15.3%                  |
| 7    | Tohoku University   | Japan       | 75.61  | 209.00        | 96.92    | -22%                    |
| 8    | University of Science and Technology of China (USTC)                    | China       | 74.12  | 296.00        | 71.40    | 3.8%                    |
| 9    | Nanyang Technological University (NTU)                                  | Singapore   | 72.88  | 141.00        | 71.87    | 1.4%                    |
| 10   | Seoul National University (SNU)   | South Korea | 72.26  | 237.00        | 66.08    | 9.4%                    |
| 11   | Nanjing University (NJU)  | China       | 68.04  | 228.00        | 64.94    | 4.8%                    |
| 12   | Osaka University  | Japan       | 67.57  | 243.00        | 62.61    | 7.9%                    |
| 13   | National Institute for Material Science (NIMS)                          | Japan       | 67.51  | 165.00        | 43.97    | 53.5%                   |
| 14   | Korea Advanced Institute of Science and Technology (KAIST)              | South Korea | 58.91  | 103.00        | 49.76    | 18.4%                   |
| 15   | RIKEN   | Japan       | 57.25  | 228.00        | 60.42    | -5.3%                   |
| 16   | Fudan University  | China       | 57.22  | 116.00        | 39.64    | 44.4%                   |
| 17   | Indian Institutes of Technology (IITs)                                  | India       | 56.10  | 132.00        | 48.41    | 15.9%                   |
| 18   | National Taiwan University (NTU)  | Taiwan      | 54.67  | 177.00        | 46.59    | 17.3%                   |
| 19   | Tokyo Institute of Technology   | Japan       | 53.49  | 194.00        | 35.67    | 50%                     |
| 20   | Zhejiang University (ZJU)   | China       | 48.69  | 124.00        | 64.83    | -24.9%                  |
| 21   | Australian National University (ANU)                                    | Australia   | 48.32  | 361.00        | 49.56    | -2.5%                   |
| 22   | Indian Institute of Science (IISC)                                      | India       | 40.55  | 76.00         | 35.96    | 12.8%                   |
| 23   | The University of New South Wales (UNSW)                                | Australia   | 40.47  | 127.00        | 24.51    | 65.1%                   |
| 24   | Xi'an Jiaotong University (XJTU)  | China       | 39.97  | 92.00         | 32.80    | 21.9%                   |
| 25   | Nagoya University   | Japan       | 38.73  | 246.00        | 35.21    | 10%                     |
| 26   | Pohang University of Science and Technology (POSTECH)                   | South Korea | 37.32  | 74.00         | 33.24    | 12.3%                   |
| 27   | Agency for Science, Technology and Research (A*STAR)                    | Singapore   | 35.01  | 83.00         | 31.35    | 11.7%                   |
| 28   | Shanghai Jiao Tong University (SJTU)                                    | China       | 34.63  | 119.00        | 34.28    | 1%                      |
| 29   | National Institute of Advanced Industrial Science and Technology (AIST) | Japan       | 33.43  | 77.00         | 42.83    | -22%                    |
| 30   | National Tsing Hua University (NTHU)                                    | Taiwan      | 33.41  | 115.00        | 35.70    | -6.4%                   |
| 31   | Hong Kong University of Science and Technology (HKUST)                  | China       | 33.38  | 60            | 22.12    | 50.9%                   |
| 32   | Sungkyunkwan University (SKKU)  | South Korea | 30.92  | 153.00        | 29.13    | 6.2%                    |
| 33   | Soochow University  | China       | 29.57  | 58.00         | 27.31    | 8.3%                    |
| 34   | Jilin University (JLU)  | China       | 29.43  | 60            | 29.09    | 1.2%                    |
| 35   | Yonsei University   | South Korea | 28.17  | 100           | 29.67    | -5.1%                   |
| 36   | Academia Sinica   | Taiwan      | 26.20  | 355.00        | 27.42    | -4.5%                   |
| 37   | National Chiao Tung University (NCTU)                                   | Taiwan      | 25.95  | 65.00         | 41.37    | -37.3%                  |
| 38   | Huazhong University of Science & Technology (HUST)                      | China       | 25.67  | 69.00         | 25.42    | 1%                      |
| 39   | Kyushu University   | Japan       | 25.53  | 107.00        | 25.36    | 0.6%                    |
| 40   | The University of Sydney (USYD)   | Australia   | 25.28  | 346.00        | 27.87    | -9.3%                   |
| 41   | Korea University (KU)   | South Korea | 25.01  | 126.00        | 29.15    | -14.2%                  |
| 42   | Southeast University (SEU)  | China       | 24.87  | 57.00         | 20.09    | 23.8%                   |
| 43   | Hanyang University (HYU)  | South Korea | 24.40  | 68.00         | 24.03    | 1.6%                    |
| 44   | Monash University   | Australia   | 24.36  | 151.00        | 24.94    | -2.3%                   |
| 45   | Tata Institute of Fundamental Research (TIFR)                           | India       | 22.20  | 179.00        | 41.05    | -45.9%                  |
| 46   | The University of Hong Kong (HKU)                                       | China       | 21.86  | 75.00         | 25.81    | -15.3%                  |
| 47   | Nankai University   | China       | 21.67  | 53.00         | 23.56    | -8.1%                   |
| 48   | East China Normal University (ECNU)                                     | China       | 21.32  | 47.00         | 16.97    | 25.6%                   |
| 49   | Ulsan National Institute of Science and Technology (UNIST)              | South Korea | 20.75  | 46.00         | 10.75    | 93.1%                   |
| 50   | Hokkaido University (HU)  | Japan       | 20.65  | 54.00         | 23.26    | -11.2%                  |

## TOP INSTITUTIONAL CONTRIBUTORS: EARTH AND ENVIRONMENT

| 2014 | INSTITUTION  | COUNTRY     | WFC   | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|-------|---------------|----------|-------------------------|
| 1    | Chinese Academy of Sciences (CAS)  | China       | 66.45 | 156           | 68.50    | -3%                     |
| 2    | The University of Tokyo (UTokyo)   | Japan       | 33.29 | 69            | 32.72    | 1.7%                    |
| 3    | Japan Agency for Marine–Earth Science and Technology (JAMSTEC)               | Japan       | 19.15 | 58            | 25.16    | -23.9%                  |
| 4    | Australian National University (ANU)   | Australia   | 15.98 | 47            | 15.45    | 3.4%                    |
| 5    | The Commonwealth Scientific and Industrial Research Organisation (CSIRO)     | Australia   | 14.46 | 44            | 14.47    | -0.1%                   |
| 6    | State Oceanic Administration (SOA)   | China       | 13.53 | 29            | 5.18     | 161.3%                  |
| 7    | Nanjing University (NJU)   | China       | 12.41 | 29            | 9.33     | 33%                     |
| 8    | China Meteorological Administration (CMA)                                    | China       | 12.00 | 33            | 9.76     | 23%                     |
| 9    | Tohoku University  | Japan       | 10.88 | 25            | 12.23    | -11%                    |
| 10   | Hokkaido University (HU)   | Japan       | 10.56 | 25            | 9.50     | 11.2%                   |
| 11   | China University of Geosciences (CUG)  | China       | 9.68  | 24            | 9.40     | 2.9%                    |
| 12   | China Earthquake Administration  | China       | 9.17  | 25            | 9.50     | -3.5%                   |
| 13   | Peking University (PKU)  | China       | 8.97  | 27            | 5.61     | 59.9%                   |
| 14   | Academia Sinica  | Taiwan      | 8.86  | 25            | 4.39     | 101.9%                  |
| 15   | Monash University  | Australia   | 8.35  | 29            | 5.91     | 41.2%                   |
| 16   | National Taiwan University (NTU)   | Taiwan      | 8.22  | 24            | 6.30     | 30.4%                   |
| 17   | University of Tasmania (UTAS)  | Australia   | 8.13  | 40            | 4.89     | 66.4%                   |
| 18   | Kyushu University  | Japan       | 7.98  | 18            | 2.72     | 193.4%                  |
| 19   | The University of New South Wales (UNSW)                                     | Australia   | 7.91  | 30            | 10.91    | -27.5%                  |
| 20   | The University of Western Australia (UWA)                                    | Australia   | 7.67  | 36            | 7.85     | -2.2%                   |
| 21   | Nagoya University  | Japan       | 7.53  | 17            | 5.32     | 41.5%                   |
| 22   | Tokyo Institute of Technology  | Japan       | 7.32  | 16            | 4.07     | 79.6%                   |
| 23   | Beijing Normal University (BNU)  | China       | 7.22  | 25            | 5.76     | 25.2%                   |
| 24   | Curtin University  | Australia   | 7.12  | 29            | 8.19     | -13.1%                  |
| 25   | University of Science and Technology of China (USTC)                         | China       | 7.05  | 19            | 6.52     | 8.1%                    |
| 26   | Ministry of Earth Sciences (MoES)  | India       | 7.03  | 13            | 7.79     | -9.8%                   |
| 27   | Ocean University of China (OUC)  | China       | 6.67  | 17            | 9.35     | -28.6%                  |
| 28   | GNS Science  | New Zealand | 6.67  | 18            | 2.65     | 151.6%                  |
| 29   | Japan Meteorological Agency  | Japan       | 6.59  | 20            | 12.08    | -45.4%                  |
| 30   | Council of Scientific and Industrial Research (CSIR)                         | India       | 6.44  | 14            | 8.42     | -23.5%                  |
| 31   | The University of Adelaide   | Australia   | 5.91  | 10            | 2.61     | 126.4%                  |
| 32   | Xiamen University (XMU)  | China       | 5.58  | 15            | 1.80     | 210%                    |
| 33   | The University of Melbourne  | Australia   | 5.42  | 31            | 5.38     | 0.6%                    |
| 34   | Indian Space Research Organisation (ISRO)                                    | India       | 5.35  | 7             | 4.43     | 20.6%                   |
| 35   | Lanzhou University (LZU)   | China       | 5.16  | 13            | 5.18     | -0.3%                   |
| 36   | Seoul National University (SNU)  | South Korea | 5.15  | 15            | 8.10     | -36.4%                  |
| 37   | University of Chinese Academy of Sciences (UCAS)                             | China       | 5.05  | 27            | 2.96     | 70.8%                   |
| 38   | University of Otago  | New Zealand | 4.89  | 14            | 2.98     | 64.3%                   |
| 39   | National Institute of Advanced Industrial Science and Technology (AIST)      | Japan       | 4.79  | 13            | 3.81     | 25.6%                   |
| 40   | Ehime University   | Japan       | 4.68  | 14            | 3.15     | 48.5%                   |
| 41   | Wuhan University (WHU)   | China       | 4.65  | 9             | 5.93     | -21.5%                  |
| 42   | James Cook University (JCU)  | Australia   | 4.57  | 13            | 5.04     | -9.2%                   |
| 43   | Hong Kong University of Science and Technology (HKUST)                       | China       | 4.46  | 5             | 4.54     | -1.7%                   |
| 44   | The University of Auckland   | New Zealand | 4.41  | 14            | 2.90     | 52%                     |
| 45   | Research Organization of Information and Systems (ROIS)                      | Japan       | 4.34  | 13            | 4.55     | -4.4%                   |
| 46   | Nanjing University of Information Science & Technology (NUIST)               | China       | 4.07  | 19            | 6.30     | -35.3%                  |
| 47   | Kyoto University   | Japan       | 3.96  | 11            | 9.02     | -56.1%                  |
| 48   | Korea Institute of Ocean Science and Technology (KIOST)                      | South Korea | 3.73  | 8             | 3.48     | 7.3%                    |
| 49   | Osaka University   | Japan       | 3.65  | 8             | 0.65     | 462.3%                  |
| 50   | National Research Institute for Earth Science and Disaster Prevention (NIED) | Japan       | 3.63  | 10            | 2.27     | 60.2%                   |



## TOP INSTITUTIONAL CONTRIBUTORS IN NATURE AND SCIENCE

| 2014 | INSTITUTION  | COUNTRY     | WFC   | ARTICLE COUNT | 2013 WFC | 2013-2014 CHANGE IN WFC |
|------|--|-------------|-------|---------------|----------|-------------------------|
| 1    | The University of Tokyo (UTokyo)   | Japan       | 13.21 | 44            | 15.55    | -15.1%                  |
| 2    | Chinese Academy of Sciences (CAS)  | China       | 13.11 | 58            | 18.71    | -29.9%                  |
| 3    | Kyoto University   | Japan       | 7.44  | 25            | 7.48     | -0.5%                   |
| 4    | RIKEN  | Japan       | 7.33  | 32            | 9.62     | -23.8%                  |
| 5    | Peking University (PKU)  | China       | 6.48  | 28            | 4.10     | 58%                     |
| 6    | The University of Queensland (UQ)  | Australia   | 6.44  | 38            | 2.42     | 166%                    |
| 7    | Tsinghua University (TH)   | China       | 4.90  | 20            | 5.43     | -9.8%                   |
| 8    | National University of Singapore (NUS)                                   | Singapore   | 3.99  | 18            | 2.17     | 83.6%                   |
| 9    | Nagoya University  | Japan       | 3.62  | 17            | 1.35     | 167.4%                  |
| 10   | Beijing Genomics Institute (BGI)   | China       | 2.84  | 14            | 1.78     | 59.1%                   |
| 11   | Osaka University   | Japan       | 2.74  | 19            | 4.69     | -41.6%                  |
| 12   | Monash University  | Australia   | 2.55  | 15            | 4.82     | -47.1%                  |
| 13   | The University of Melbourne  | Australia   | 2.50  | 24            | 3.30     | -24.3%                  |
| 14   | Zhejiang University (ZJU)  | China       | 2.19  | 8             | 1.70     | 28.9%                   |
| 15   | National Institute of Biological Sciences, Beijing (NIBS)                | China       | 2.11  | 4             | 1.12     | 87.3%                   |
| 16   | The University of Sydney (USYD)  | Australia   | 2.01  | 17            | 0.70     | 189.5%                  |
| 17   | Tohoku University  | Japan       | 1.98  | 12            | 2.31     | -14.4%                  |
| 18   | Australian National University (ANU)                                     | Australia   | 1.94  | 20            | 2.04     | -5.1%                   |
| 19   | The University of Adelaide   | Australia   | 1.93  | 11            | 0.38     | 400.8%                  |
| 20   | National Institute for Material Science (NIMS)                           | Japan       | 1.73  | 7             | 0.54     | 219.5%                  |
| 21   | Agency for Science, Technology and Research (A*STAR)                     | Singapore   | 1.36  | 6             | 2.81     | -51.7%                  |
| 22   | James Cook University (JCU)  | Australia   | 1.35  | 7             | 1.13     | 19.4%                   |
| 23   | University of Tasmania (UTAS)  | Australia   | 1.33  | 9             | 0.78     | 71.3%                   |
| 24   | National Institutes of Natural Sciences (NINS)                           | Japan       | 1.31  | 11            | 1.12     | 17.1%                   |
| 25   | Academia Sinica  | Taiwan      | 1.28  | 11            | 0.73     | 74.4%                   |
| 26   | Seoul National University (SNU)  | South Korea | 1.23  | 8             | 1.97     | -37.6%                  |
| 27   | University of Chinese Academy of Sciences (UCAS)                         | China       | 1.20  | 7             | 0.50     | 138.5%                  |
| 28   | The University of Western Australia (UWA)                                | Australia   | 1.18  | 13            | 0.72     | 63.6%                   |
| 29   | Ocean University of China (OUC)  | China       | 1.17  | 3             | 0.17     | 600%                    |
| 30   | The University of New South Wales (UNSW)                                 | Australia   | 1.09  | 11            | 1.86     | -41.4%                  |
| 31   | The Commonwealth Scientific and Industrial Research Organisation (CSIRO) | Australia   | 1.07  | 15            | 2.88     | -62.9%                  |
| 32   | Sungkyunkwan University (SKKU)   | South Korea | 1.04  | 6             | 0.51     | 102.9%                  |
| 33   | National Tsing Hua University (NTHU)                                     | Taiwan      | 1.00  | 1             | 1.28     | -22.1%                  |
| 34   | Hokkaido University (HU)   | Japan       | 0.98  | 10            | 0.27     | 268.7%                  |
| 35   | Huazhong University of Science & Technology (HUST)                       | China       | 0.92  | 1             | 0.05     | 1733.3%                 |
| 36   | The Walter and Eliza Hall Institute of Medical Research (WEHI)           | Australia   | 0.89  | 3             | 0.85     | 4.9%                    |
| 37   | National Institute of Water and Atmospheric Research (NIWA)              | New Zealand | 0.87  | 3             | 0        | -                       |
| 38   | Yanshan University   | China       | 0.82  | 1             | 0.73     | 11.6%                   |
| 39   | University of Science and Technology of China (USTC)                     | China       | 0.82  | 7             | 1.69     | -51.6%                  |
| 40   | Tokyo Institute of Technology  | Japan       | 0.81  | 7             | 1.28     | -36.6%                  |
| 41   | Harbin Institute of Technology (HIT)                                     | China       | 0.80  | 1             | 0.07     | 1020.0%                 |
| 42   | The University of Wollongong (UOW)                                       | Australia   | 0.80  | 5             | 0        | -                       |
| 43   | Japan Aerospace Exploration Agency (JAXA)                                | Japan       | 0.75  | 5             | 0.30     | 149.5%                  |
| 44   | Massey University  | New Zealand | 0.71  | 3             | 0        | -                       |
| 45   | Ibaraki University   | Japan       | 0.70  | 3             | 0.34     | 103.7%                  |
| 46   | Nara Institute of Science and Technology (NAIST)                         | Japan       | 0.68  | 2             | 0.37     | 82.7%                   |
| 47   | Kinki University   | Japan       | 0.67  | 1             | 0        | -                       |
| 48   | China National Genebank (CNCB)   | China       | 0.64  | 7             | 0        | -                       |
| 49   | Second Military Medical University (SMMU)                                | China       | 0.64  | 3             | 0        | -                       |
| 50   | Korea Institute of Geoscience and Mineral Resources (KIGAM)              | South Korea | 0.63  | 2             | 0        | -                       |

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

These results are based on the most recent data available as of 6 February 2015. Owing to continual refinements of the data, the figures in the database are liable to change and might differ to those printed in the supplements.