MORE INFORMATION

This year's list continues to recognize researchers whose citation records position them in the very highest strata of influence and impact as it includes 23 Nobel laureates, including three announced this year: Gregg L. Semenza of Johns Hopkins University (Physiology or Medicine), John B. Goodenough of the University of Texas at Austin (Chemistry), and Esther Duflo of the Massachusetts Institute of Technology (Economics). Also included are 57 Clarivate Analytics Citation Laureates - individuals who, through citation analysis, we have identified as researchers 'of Nobel class' and potential Nobel Prize recipients.

The key findings for 2019 show:

- This year the list includes 6,217 Highly Cited Researchers in various fields from nearly 60 nations.
- The United States is home to the highest number of Highly Cited Researchers, with 2,737 authors, representing 44% of the researchers on the list. Harvard University, home to 203 researchers is the institution that has the highest concentration of Highly Cited Researchers in the world. California is also a hotbed of talent, with Stanford University (103), and the University of California campuses at Berkeley, San Diego and Los Angeles are all home to 50+ researchers each.
- Mainland China has seen a huge surge, with 636 researchers named Highly Cited Researchers compared to 482 in 2018. In the main 21 *Essential Science Indicator* (*ESI*) categories, there has been a three-fold increase in the number of researchers named since 2014.
- As China increased its share of Highly Cited Researchers, other nations declined. The number of Highly Cited Researchers based at institutions in the United Kingdom has dropped to 517 this year, compared to 546 in 2018. Numbers of Highly Cited Researchers based in Germany and the Netherlands have also fallen.
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- This year's list of Highly Cited Researchers also includes 57 Citation Laureates; individuals recognized by the Web of Science Group through citation analysis, who are 'of Nobel class' and potential Nobel Prize recipients.
- A total of 3,517 researchers are celebrated for their performance in the 21 *ESI* fields, and 2,492 for cross-field performance, for a total of 6,009 unique researchers, as some Highly Cited Researchers appear in more than one field. This is the second year that researchers with cross-field impact – those with exceptional broad performance based on high impact papers across several fields – have been identified.
- Of the researchers named as Highly Cited in the 21 *ESI* fields, 185, or 5%, appear in two *ESI* categories while an exceptional 11 researchers showed exceptional broad performance by being named as Highly Cited in three categories. They are based all over the globe – in North America, Europe, Asia, and the Middle East.
- Australian research institutes continue to impress. The number of researchers recognized as Highly Cited has more than tripled in six years, from 80 in 2014 to 271 in 2019, among those selected in one or more of the 21 fields. Australian research institutions appear to have recruited a significant number of Highly Cited Researchers since 2014 as well as increasing their number of homegrown Highly Cited Researchers.

Top 10 nations and regions with the most highly cited researchers were:

Nation or region (Primary)	Total # of HCRs	Percent HCR
United States	2737	44%
China Mainland	636	10.2%

United Kingdom	517	8.3%
Germany	327	5.3%
Australia	271	4.4%
Canada	183	2.9%
Netherlands	164	2.6%
France	156	2.5%
Switzerland	155	2.5%
Spain	116	1.9%

Table1: The *Highly Cited Researchers* represent nearly 60 nations, but 85% of them are affiliated to institutions at just ten nations and 72% from the first five, a remarkable concentration of top talent.

Institutions	*Nation or region*	*Number of HCRs*
Harvard University	United States	203
Stanford University	United States	103
Chinese Academy of Sciences	China Mainland	99
Max Planck Society	Germany	73
Broad Institute	United States	60
University California Berkeley	United States	55
Washington University St Louis	United States	55
Massachusetts Institute of Technology (MIT)	United States	54
Memorial Sloan Kettering Cancer Center	United States	54
University California San Diego	United States	54
Duke University	United States	53
University California Los Angeles	United States	52
Yale University	United States	51
Cambridge University	United Kingdom	50
Columbia University	United States	47
Johns Hopkins University	United States	45
University of Oxford	United Kingdom	44
Cornell University	United States	42
Tsinghua University	China Mainland	42
University College London	United Kingdom	40

Table 2: 'Home to Highly Cited Researchers' – affiliations to institutions and organizations as reported by the researcher.

About the Web of Science Group

Web of Science Group, a Clarivate Analytics company, organizes the world's research information to enable academia, corporations, publishers and governments to accelerate the pace of research. It is powered by Web of Science – the world's largest publisher-neutral citation index and research intelligence platform. Its many well-known brands also include Converis, EndNote, Kopernio, Publons, ScholarOne and the Institute for Scientific Information (ISI). The 'university' of Web of Science Group, ISI maintains the knowledge corpus upon which the index and related information and analytical content and services are built; it disseminates that knowledge externally through events, conferences and publications and it carries out research to sustain, extend and improve the knowledge base. For more information, please visit www.webofsciencegroup.com.