



Clarivate Identifies Global Scientific Pioneers with Annual Highly Cited Researchers List

18 novembre 2020 à 4:13 PM · 6 min de lecture

USA dominates influential list of researchers recognized by their peers, but global landscape shifts as Chinese researchers capture a 12% share

LONDON, Nov. 18, 2020 /PRNewswire/ -- Clarivate Plc (NYSE:CCC), a global leader in providing trusted information and insights to accelerate the pace of innovation, unveiled its list of [Highly Cited Researchers™](#) 2020 today. The highly anticipated annual list identifies researchers who demonstrated significant influence in their chosen field or fields through the publication of multiple highly cited papers during the last decade. Their names are drawn from the publications that rank in the top 1% by citations for field and publication year in the Web of Science™ citation index.

(PRNewfoto/Clarivate Analytics)

The methodology that determines the "who's who" of influential researchers draws on the data and analysis performed by bibliometric experts and data scientists at the Institute for Scientific Information™ at Clarivate. It also uses the tallies to identify the countries and research institutions where these scientific elite are based.

The key findings for 2020 show:

TENDANCE

1. Les États-Unis imposent de nouvelles sanctions contre l'Iran à deux mois du départ de Trump
2. Daval conduit aux urgences après un malaise, audience reportée à jeudi
3. Confinement : "On est prêts à appliquer des mesures barrières draconiennes" pour rouvrir les stations de ski à Noël, annonce le maire d'Huez-en-Isère
4. Quotidien : la mise au point de Yann Barthès et Sophie Dupont après le sujet sur les prières de rue qui a créé la polémique, "Le but n'était pas de stigmatiser les catholiques"
5. La pandémie de Covid-19 progresse et continue de ravager les États-Unis

- 6,167 researchers from more than 60 countries and regions have been recognized this year.
- Whilst the United States continues to dominate the list as the home to the highest number of Highly Cited Researchers, with 2,650 authors, representing 41.5% of the researchers on the list, its relative share of the list continues to decrease (44% in 2019).
- Harvard University, home to 188 researchers is once again the institution with the highest concentration of Highly Cited Researchers in the world. Its neighbors – the Broad Institute and Massachusetts Institute of Technology – join them towards the head of the list of leading global institutions – homes to 61 and 53 Highly Cited Researchers respectively.
- Mainland China's place on the list continues to surge – it is now the home to 770 (12.1% or 1:8) researchers on our list – up from 636 or 10.2% in 2019. Its rank has been boosted by the remarkable entry into the top ten of Tsinghua University, Beijing, moving up 10 places from 19th to 9th on the list together with the arrival in 2020 of Peking and Zhejiang Universities into the upper echelons of the list.
- Singapore shows strongly, represented by Nanyang Technological University and National University of Singapore.
- Europe also has its fair share of good news. The numbers of Highly Cited Researchers based in Germany and the Netherlands have risen this year – both showed a drop last year. The Max Planck Society in Germany remains at number 5 on the list of institutions whilst Utrecht University (27 researchers) and Wageningen University & Research (24 researchers) in the Netherlands both moved up to the top tier of universities listed. The Swiss Institute of Bioinformatics flew 20 places up the institutional rank with the addition of a dozen Highly Cited Researchers this year.
- This year's list includes 26 Nobel laureates, including three announced this year:
 - Also included are 66 Citation Laureates™: individuals recognized by Clarivate, through citation analysis, as 'of Nobel class' and potential Nobel Prize recipients.
 - A total of 3,896 researchers are celebrated for their performance in the 21 Essential Science Indicator™ (ESI)

fields, and 2,493 for cross-field performance, for a total of 6,167 unique researchers - as some truly extraordinary Highly Cited Researchers appear in more than one ESI category.

- Of the researchers named as Highly Cited in the 21 ESI fields, nine researchers showed exceptional broad performance, recognized for being highly cited in three or more categories. They are a truly global group – in North America, Europe, Asia and the Middle East.
- Australian research institutes continue to punch above their weight. In a country of just 25 million, the number of researchers recognized in 2020 is 305. Australian research institutions appear to have recruited a significant number of Highly Cited Researchers in recent years while also increasing their number of homegrown talent.

David Pendlebury, Senior Citation Analyst at the Institute for Scientific Information, said: "In the race for knowledge, it is human capital that is fundamental and this list identifies and celebrates exceptional individual researchers who are having a great impact on the research community as measured by the rate at which their work is being cited by others."

Lire la suite
