
2019's 20 Leading Countries in Nanotechnology Publications



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In 2019, more than 40 percent of the world's publications relating to nanoscience were from China, followed by the United States, India, and Iran, holding 13.5, 8.5, and 6 percent of the publications, respectively.

Compiled using StatNano's reports, the table below shows the number of nanoscience articles published by 20 pioneering countries in 2019, as well as the share of the nanoscience articles in the total articles of each country. Accordingly, a total of 178000 nanoscience articles were published in the journals indexed by the Journal Citation Reports (JCR) in 2019, around 74000 of which were from [China](#); being home to the largest number of people in the world, having a multitude of universities and research centers, and more importantly, paying special attention to nanotechnology, [China](#) could achieve and hold the first rank during the past decade. [China](#)'s nanoscience articles published in 2019 comprise more than 16 percent of its total scientific publications in this year.

Following [China](#), the [United States](#) ranked second with around 24,000 nanoscience articles; and [India](#), [Iran](#), and [South Korea](#) took the next places, respectively. Apart from the number of nanoscience articles of different countries, the share of their nanoscience articles in their total publications can be considered as an indication of the priority they give to this field of science. From this viewpoint, [Iran](#), [Saudi Arabia](#), and [India](#), respectively, placed a higher priority on nanoscience in 2019 as compared to the other countries.

These statistical data are monthly gathered by StatNano using a search string relating to nanoscience and nanotechnology in the Web of Science.

Table 1. The number and share of nanoscience articles in the total articles of different countries in 2019

| Rank | Country | Nano-articles | Share of Nano-article in the Total (%) |
|-------------|------------------------------|----------------------|---|
| 1 | China | 74,387 | 16.17 |
| 2 | USA | 23,999 | 5.47 |
| 3 | India | 15,083 | 16.45 |
| 4 | Iran | 10,494 | 21.22 |
| 5 | South Korea | 9,431 | 14.31 |
| 6 | Germany | 8,446 | 7.12 |
| 7 | Japan | 7,429 | 8.58 |
| 8 | UK | 5,682 | 4.66 |
| 9 | France | 5,465 | 7.17 |
| 10 | Russia | 5,392 | 10.52 |
| 11 | Australia | 4,632 | 6.17 |
| 12 | Spain | 4,554 | 6.45 |
| 13 | Italy | 4,253 | 5.68 |
| 14 | Canada | 3,756 | 4.85 |
| 15 | Saudi Arabia | 3,519 | 16.92 |
| 16 | Brazil | 3,345 | 5.49 |
| 17 | Turkey | 2,959 | 7.36 |
| 18 | Taiwan | 2,943 | 11.06 |
| 19 | Egypt | 2,726 | 14.9 |
| 20 | Poland | 2,661 | 8.11 |

Source

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