

NANO STATISTICS

Nano Science, Technology and Industry Scoreboard

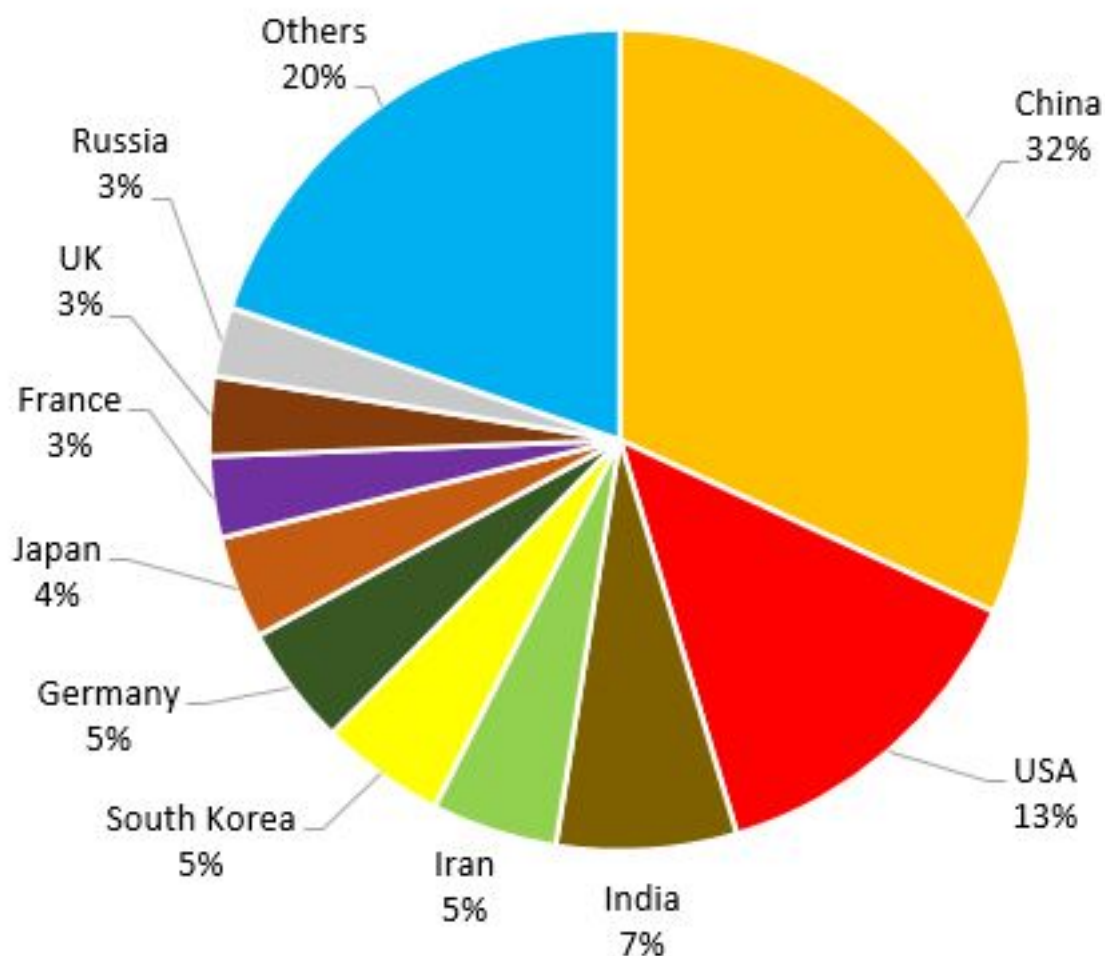


Publication of More than Half of the Nanotechnology Articles of 2017 by the Top Three Countries

2018-01-07

According to the "StatNano" report on January 2018, more than 154,000 nanotechnology related articles were indexed in Web of Science (WoS) in 2017 while more than 50% of them were published by China, the United States, and India. Iran and Korea are on the next ranks.

Almost 52% of the whole nanotechnology articles of 2017 were published by [China](#), the [United States](#), and [India](#). This amount raises up to 62% for the first five countries. Likely to notice that these countries are the first options of scientific collaboration together. For example, 10% of [China](#) nanotechnology articles were published in partnership with [USA](#) or [India](#) have the highest scientific collaboration with [USA](#) and [South Korea](#). The below chart shows the normalized share of the top 10 countries in nanotechnology publications.



[China](#)'s ranked first as the last few years by publishing more than 56000 nanotechnology articles and [USA](#) the second, with more than 24000 articles. [China](#)'s nanotechnology articles include nearly 17% of all of the articles of [China](#) while it's 6% for the [United States](#). [India](#), [Iran](#), and [South Korea](#) are among the first five countries in this index by releasing 12600, 8800, and 8700 articles respectively. [Iran](#) ranked 6th after the [South Korea](#), and [Germany](#) in the same index last year. The table below represents the number of articles of the first twenty countries and the share of nanotechnology articles among all of the articles. The mentioned share can be considered as a criteria of national priority of countries in the field of nanotechnology publications.

Rank	Country	Nano-articles	Share of nano-articles to total articles [i]
1	China	56,648	17.2
2	USA	24,100	6.2
3	India	12,618	16.7
4	Iran	8,791	22.1
5	South Korea	8,732	15.2

6	Germany	8,436	7.9
7	Japan	7,236	9.2
8	France	5,714	8.0
9	UK	5,537	5.4
10	Russia	4,875	12.0
11	Spain	4,352	7.3
12	Italy	4,298	6.6
13	Australia	3,724	5.9
14	Canada	3,394	5.1
15	Taiwan	2,962	12.4
16	Saudi Arabia	2,802	18.4
17	Brazil	2,788	5.7
18	Poland	2,454	9.0
19	Singapore	2,278	17.0
20	Turkey	2,196	7.2

Source: statnano.com