

## Iran Among Five Pioneers of Nanotechnology

2021-01-16

Prioritizing nanotechnology in Iran has led to this country's steady placement among the five pioneers of the nanotechnology field in recent years, and approximately 20 percent of all articles provided by Iranian researchers in 2020 are relative to this area of technology.

[Iran](#) has been introduced as the 4th leading country in the world in the field of nanotechnology, publishing 11,546 scientific articles in 2020.

The country held a 6 percent share of the world's total nanotechnology articles, according to StatNano's monthly evaluation accomplished in WoS databases.

There are 227 companies in [Iran](#) registered in the WoS databases, manufacturing 419 products, mainly in the fields of construction, textile, medicine, home appliances, automotive, and food.

According to the data, 31 Iranian universities and research centers published more than 50 nano-articles in the last year.

In line with [China](#)'s trend in the past few years, this country is placed in the first stage with 78,000 nano-articles (more than 40 percent of all nano-articles in 2020), and the U.S. is at the next stage with 24,425 papers. These countries have published nearly half of the whole world's nano-articles.

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In the following, [India](#) with 9 percent, [Iran](#) with 6 percent, and [South Korea](#) and [Germany](#) with 5 percent are the other head publishers, respectively.

Almost 9 percent of the whole scientific publications of 2020, indexed in the Web of Science database, have been relevant to nanotechnology.

There have been 191,304 nano-articles indexed in WoS that had to have a 9 percent growth compared to last year. The mentioned articles are 8.8 percent of the whole produced papers in 2020.

[Iran](#) ranked 43rd among the 100 most vibrant clusters of science and technology (S&T) worldwide for the third consecutive year, according to the Global Innovation Index (GII) 2020 report. The country experienced a three-level improvement compared to 2019.

[Iran](#)'s share of the world's top scientific articles is 3 percent, Gholam Hossein Rahimi She'erbaf, the deputy science minister, has announced.

The country's share in the whole publications worldwide is 2 percent, he noted, highlighting, for the first three consecutive years, [Iran](#) has been ranked first in terms of quantity and quality of articles among Islamic countries.

Sourena Sattari, vice president for science and technology has said that [Iran](#) is playing the leading role in the region in the fields of fintech, ICT, stem cell, aerospace, and is unrivaled in artificial intelligence.

Read the [original article](#) on Modern Diplomacy.