

Evaluating of Iran Scientific Documents in 2021

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In 2021, according to the number of indexes recorded on the Web of Science of the Clarivate Analytics Institute of Scientific Information, in a total of three fields of science, social sciences and humanities and art, the top five countries in terms of their participation in the production of scientific documents are USA, China, England, Germany and Italy, respectively. China has a 24.1% contribution of scientific indexed documents in the field of top science from the US with a 23.1% contribution. Despite the dramatic growth of China, India and Saudi Arabia have had the largest growth in scientific documents in the last three years. The Islamic Republic of Iran, in 2019 and 2020, had a participation rate of 1.91 percent, but in 2021 it has decreased to 1.89 percent. The number of Iranian scientific documents was 50900 (2.05% of the world value and rank of 16) in science, 4296 (1.00% of the world value and rank of 29) in social sciences, 273 (0.27% of the world value and rank of 37) in art and humanities, and 5230 (1.89% of the world value and rank of 16) in total, in 2021. Compared to the previous year (2020), Iran's ranking has not changed. In Emerging Sources Citation Index (ESCI), by recording 12043 indexes and 3.0 percent of contribution in the World, Iran is located in 12 ranks as before. Iran, with 794 highly-cited articles and 73 hot articles published in 2021, had a global contributing of 3.4 percent and 3.2 percent, respectively. Iran ranks 16th in the total of most highly-cited and hot articles. Most of the publications with a large number of Iranian articles are in the first and second quarters (Q1 and Q2). The three internationally famous publishers Elsevier, Springer-Nature and Wiley, have published 16,549, 10847 and 4276 scientific documents of Iran, respectively. Tehran University of Medical Sciences with the publication of 4468 (8.5% of the country) and the University of Tehran with the publication of 4155 (0.8% of the country) scientific documents are ranked first and second in the country, respectively, in terms of quantity of scientific documents. The contribution of these two universities during the last five years has always been sixteen percent of the country's scientific documents. Shahid Beheshti University of Medical Sciences, Tarbiat Modares University and Iran University of Medical Sciences are ranked third to fifth, respectively.

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