



Growth of science in Iran

M. Abdollahi*, Sh. Kharabaf

Pharmaceutical Sciences Research Center, Tehran University of Medical Sciences, Tehran, Iran

To evaluate the place of various scientific fields in Iran and compare them with other countries of the world and to obtain a total view of Iran activities during recent years, it is decided to carry out a study using related databases. Web of science (Thomson Reuters ISI), SCImago Journal & Country Rank (SJR), and Essential Science Indicators (ESI) were three main scientometrics databases which data were extracted from. ISI and SJR were searched for parameters such as publication numbers, citation numbers, citations per paper, and H-index. Through SJR, Iran's station among 233 countries was specified. ESI indicated the situation of different 22 scientific fields in Iran and compared one by one by other countries based on publication rate and citation numbers. After all data were studied, all tables and graphs showed an obvious growth in both quality and quantity. High H-index of Iranian authors in the recent years showed a higher quality of their works compared to past. The field of chemistry in Iran was the most fruitful in terms of the both number of publications (19935) and citations (126873) whereas economics and business had the least number of publications (152). Iran with 120350 publications, 499322 citations, and 7.68 citations per document is on the place of 31 among 233 countries of the world. Considering growing trend of scientific activities in Iran, and importance of raising scientific place of Iran for the young generation, we hope to see Iran as one of the main science producers not only in its region but also through all over the world.