



**Tabriz University of Medical Sciences  
Para Medical Faculty**

*A Thesis Submitted for MS Degree*

**The Study of Quantity and Quality of Iran Medical Universities  
Scientific Productions during 1999-2008 in the Web of Science (WoS)**

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## **Abstract**

**Introduction:** Scientometric study is an important tool for analyzing and visualizing the quantity and quality of scientific publishing and citing patterns of individuals, institutions and countries. The database of Web of Science (WoS) is one of the most famous databases that can be used for this purpose.

**Purpose:** The objective of this study is to analyze the quantitative and qualitative of scientific publications originated from Iranian Medical Sciences Universities throughout 1999-2008.

**Method and Materials:** The database of WoS (Web of Science) was used to extract all Iranian publications during a period of 10 years. The software package of Hist-Cite was used to identify the different form of universities' names that indexed in the WoS database.

**Results:** Data analyses showed that journal articles were the bulky form of scientific publication. More than 63% of publications were in the form of journal articles. English appeared to be the dominant language of publication (more than 99/5%). Of these publications, pharmacology and pharmacy related articles were the most frequented subject areas of this study. During 10 years, number of citations and self- citations were increased and H-index of scientific publication in year 2003 was more than other years.

**Conclusion:** The study revealed that the number of publications originated by Medical Science Universities has been increased exponentially throughout the period of study.

**Keywords:** Scientometrics, Web of Science database, Citation, Self-citation, H-index