Review of published articles in the field of Biomedical Nanotechnology in MEDLINE database during ten years from 2000-2010

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Abstract

Backgroung and objectives: Nanotechnology is a new technology that is growingly used over the past decade. Due to its great significance, governments are tending to invest widely on the research and development on nanotechnology in various sectors and aspects. The purpose of this study was to determine the status of biomedical nanotechnology publications over the past ten years (2010-2000) in Medline/PubMed .

Materials and Methods: The study was a descriptive study. The Medline database was searched trough PubMed with the key word 'biomedical nanotechnology' and limited to the years 2000 to 2010 with the tags publication date, .Major and Affiliation . The results of search were analyzed with factors of the geographical distribution, countries, universities and colleges with specific focus on Iranian publications. The proportion of Iranian publication was compared with the international publication to find out the rate of Iranian research and development activities in biomedical nanotechnology.

Results and Conclusions: The result of study was presented using table and diagram. Iran with 28 papers was identified the first among other midlist countries, among Iranian universities the university of Tarbiat Modares presented the highest number of publications.

Keywords: Biomedical Technology, Scientometrics, Review, Iran

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