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PubMed-indexed endodontic treatment publications, a globally compression for Iranian studies: a scientometric study

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Scientometrics is the study of metrics mainly measuring and analysing science, technology and innovation and focuses on understanding the scientific citations, mapping scientific fields and production of indicators for use in policy and management contexts. The present study was designed to collect the statistical information of endodontic treatment articles by Iranian authors published in PubMed. We searched the PubMed database for endodontic treatment articles globally from February 01, 2016 until February 01, 2018. According to MeSH keyword, Endodontic Treatment was the best keyword to do primary search. After that, the limitation with Clinical Trials and combination with Iran in affiliation field, all abstracts categorized. The data were further analyzed to illustrate the related scientometric indicators. At first, a total of 2,884 articles were retrieved according to all global authors. The proportion of Iranian authors was 10.88% (No.=265). The number of PubMed-indexed publications between 2013 and 2018 showed only 144 (4.99%) articles which were categorized as Clinical Trial. No article was retrieved by Iran author affiliation. According to phases of clinical trial research designs, only 1 article in Clinical Trial Phase I, and 1 article in Clinical Trial Phase II were indexed in subcategory of Clinical Trials, globally. With limitation to Review article, totally, 384 (13.31%) articles were found. By using limitation, the number of Review articles with Iran affiliation were 36 (9.37%). Analysis of PubMed-indexed endodontic treatment publications originating from all of the word in relation to Iranian studies revealed it is necessary a growing trend toward clinical trials studies in Iran. Although, the Iranian proportion in Review articles could be rise in future.

Biography

Mahsa Ghorbani has completed his PhD at the age of 27 years from Shiraz University of Medical Sciences, Shiraz, Iran.and Endodontist specialty studies from Shiraz University. She has published some papers in Iranian journals.

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