Abstract 13

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Abstract Information

Abstract Title: Impact factor analysis of PubMed-indexed Indian journals
Abstract:

Background and objectives:

With open access (OA) movement, scientific information is now easily available, resulting in better citability of papers thereby enhancing the impact factor (IF) of the OA journal. The paper aims to analyze the IF of PubMed-indexed Indian journals as also to look into the role of OA on the IF.

Methods:

The list of PubMed-indexed Indian journals were downloaded from the National Library of Medicine Catalogue on June 1, 2015 and IF of journals from Thomson Reuters’ Journal Citation Reports (JCR) 2010-2014. On-line resources were consulted for OA journals.

Results:

Total number of S&T Indian journals covered in the science
edition of JCR, ranged from 93 (2010) – 104 (2014) during 2010 to 2014; the number of PubMed-indexed Indian journals with IF during the same period being 24 (2010)-28 (2014). Majority of these PubMed-indexed Indian journals with IF are OA journals. IF with more than 1,000 fluctuated from five (2010 and 2014) to nine PubMed-indexed Indian journals with IF (2011-2013). However, IF with more than 2,000 was recorded for the Indian Journal of Medical Research, 2.061 in 2012 as also for two other journals in 2014 viz. Journal of Food Science and Technology, 2.203 (2.024 in 2013); and Journal of Biosciences, 2.064.

Interpretation and conclusions:
Journal IFs continue to register slight rise for majority of the PubMed-indexed Indian journals as also slight increase in their number; being 28 in 2014. Thanks to OA, in 2014 two PubMed-indexed Indian journals have even crossed IF of more than 2.000 - Journal of Food Science and Technology, 2.203; and Journal of Biosciences, 2.064; the former however, being a non-OA journal. One only hopes with the current trend of OA movement, PubMed-indexed Indian journals will further improve their IFs slowly but surely.