

PROTEOMICS RESEARCH IN INDIA: A SCIENTOMETRIC ASSESSMENT OF PUBLICATION OUTPUT DURING 1998-2018

C. Ranganathan

*Assistant Professor, Department of Library and Information Science,
Bharathidasan University, Tiruchirappalli, Tamil Nadu, India*

Received: 23 Oct 2018

Accepted: 31 Oct 2018

Published: 10 Nov 2018

ABSTRACT

*The paper examines 1190 Indian publications on proteomics research during 1998-2018, as covered in the Web of Science database. The Indian publications were downloaded using a search strategy which uses the search term 'proteomics *' in the two tags, namely 'keyword tag' and 'Article Title tag' and restricting it to India in 'country tag' and period 1998-2018 in 'date range tag'. More numbers of articles were published in the year 2016. The most productive 25 Indian organizations and authors together contributed 68.65 per cent and 62.35 per cent share to the overall publications output of India in proteomics research during 1998-2018. The study reveals that most of the researchers preferred to publish their research results in journals; as such 72.8% of articles were published in journals. The top 25 journals contributed 42.9 per cent share to the Indian journal output during 1998-2018. Conclude that India is still not a leading country in the world on proteomics research both in terms of quantity and quality of research. In view of the strategic and global importance and to increase the research output and quality, the Indian Government needs to identify this area as one of the national priority areas, involving much larger R&D investments and trained manpower and also increase international collaboration with leading proteomics research hubs.*

KEYWORDS: *Scientometric, Proteomics, Document, Journal, Citation, India*