



ISSN: 2456-0057  
IJPNPE 2018; 3(1): 2112-2113  
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[www.journalofsports.com](http://www.journalofsports.com)  
Received: 10-01-2018  
Accepted: 15-03-2018

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## Top 10 country scientific production on sports management a bibliometric analysis

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### Abstract

To conduct a bibliometric analysis from the web of science publication in Sports management aiming to identify the country had produce more publications. The present paper analyses from 154 documents published in the English-language journals, included in Web of Science database. The data were obtained by a search conducted on the Web of Science. We used an open-source bibliometric R-package for the comprehensive bibliometric analyses. This paper aims at reviewing the whole collection of publications appeared on Web of Science from 1992 to 2019. We used a Country Scientific Production analysis for which country are in leading. It is concluded that countries like Spain, USA & China had more scientific production of research on sports management.

**Keywords:** country scientific production, sports management, bibliometric analysis

### Introduction

The quantitative analysis of research articles, mini-reviews, and reviews, is known as bibliometric analysis. Pritchard, (1969) <sup>[5]</sup> coined the word "bibliometrics". It aids in the evaluation of authors', journals', institutions', and/or countries' output. This assists in determining national and international networks as well as decoding the evolution or trend of publications in a specific field (Osareh, 1996) <sup>[4]</sup>.

Depending on the context and country, sport as a business means different things to different individuals. Sport's various meanings mix economic, commercial, and sociological dimensions, making it a global social phenomenon. Despite the fact that sport and sport-related activities exist in the international marketplace, there has yet to develop a dominant management theory with practice to explain how sport operates on a global scale (Ratten, 2011) <sup>[6]</sup>. Sports management differs internationally because of media changes. For example, American consumers are more highly predisposed to visual imagery as part of media advertising than consumers in other countries (Andrews, Lysonski, & Durvasula, 1991) <sup>[1]</sup>.

### Methods

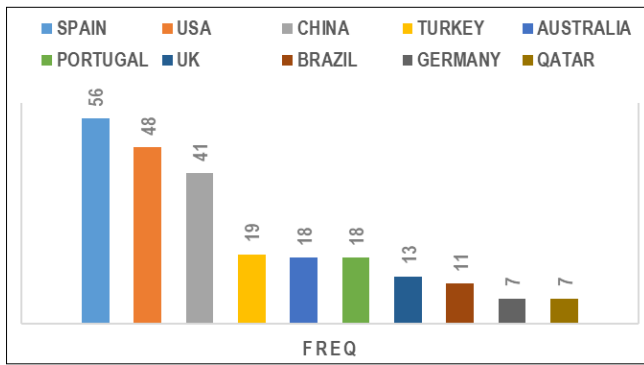
Several authors have analyzed different software tools to show the country representation of the country scientific production (Bankar, & Lihitkar, 2019; Moral-Munoz, Lopez-Herrera, Herrera-Viedma, & Cobo, 2019) <sup>[2, 3]</sup>; In this study biblioshiny for bibliometrix were used to analysis the selected documents.

In the current study, we used Web of Science database, have been used for bibliometric analysis. The data was retrieved in using the name "Sports Management". However, the publications from 1992 to 2019 were analyzed in detail. The authors collected and downloaded the data in csv format. Later it was quantitatively and qualitatively analyzed in Microsoft Excel 2013 for access type, year, author name, document type, key words, affiliations and country.

### Results and Discussion

For this study, 154 documents were used in the analysis. The collected 154 documents were gathered from 91 different sources such as, 126 are articles; 9 are early access articles; 2 are proceedings papers; 8 are book reviews; 1 is editorial material; 1 is a retraction; and 7 are reviews.

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**Fig 1:** Country Scientific Production

We extended the idea and provide the no. of publications details of the top ten countries. The details are provided in Figure I. Spain has published the highest number of publications (n = 56), The second country is USA (n = 48), 3<sup>rd</sup> China (n = 41), 4<sup>th</sup> Turkey (n = 19), 5<sup>th</sup> & 6<sup>th</sup> Australia & Portugal (n = 18), 7<sup>th</sup> UK (n = 13), 8<sup>th</sup> Brazil (n = 11), and in 9<sup>th</sup> and 10<sup>th</sup> Germany & Qatar with (n = 7). However, from India only 2 articles were published on Sports management.

### Conclusion and Recommendation

According to this quantitative analysis, the countries of Spain, the United States, and China have produced more scientific output in the field of sports management.

We recommended to Researchers, to conduct more studies in India related to Sports management for the betterment of Sports and Sports Industry, because there was limited research publications evidence on sports management in the Web of Science data base from 1992 onwards.

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