

World Journal of *Clinical Cases*

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ABOUT COVER

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AIMS AND SCOPE

The primary aim of *World Journal of Clinical Cases* (WJCC, *World J Clin Cases*) is to provide scholars and readers from various fields of clinical medicine with a platform to publish high-quality clinical research articles and communicate their research findings online.

WJCC mainly publishes articles reporting research results and findings obtained in the field of clinical medicine and covering a wide range of topics, including case control studies, retrospective cohort studies, retrospective studies, clinical trials studies, observational studies, prospective studies, randomized controlled trials, randomized clinical trials, systematic reviews, meta-analysis, and case reports.

INDEXING/ABSTRACTING

The WJCC is now abstracted and indexed in Science Citation Index Expanded (SCIE, also known as SciSearch®), Journal Citation Reports/Science Edition, Current Contents®/Clinical Medicine, PubMed, PubMed Central, Scopus, Reference Citation Analysis, China National Knowledge Infrastructure, China Science and Technology Journal Database, and Superstar Journals Database. The 2022 Edition of Journal Citation Reports® cites the 2021 impact factor (IF) for WJCC as 1.534; IF without journal self cites: 1.491; 5-year IF: 1.599; Journal Citation Indicator: 0.28; Ranking: 135 among 172 journals in medicine, general and internal; and Quartile category: Q4. The WJCC's CiteScore for 2021 is 1.2 and Scopus CiteScore rank 2021: General Medicine is 443/826.

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Evolution of *World Journal of Clinical Cases* over the past 5 years

Sathish Muthu

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Invited article; Externally peer reviewed.

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Grade C (Good): 0

Grade D (Fair): 0

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Abstract

Analysis of the articles published in any journal is necessary to ascertain the performance of the journal in the academia. The author made a scientometric analysis of the articles published in the *World Journal of Clinical Cases* in the past 5 years and present the data to the readers.

Key Words: *World Journal of Clinical Cases*; Scientific journal; Research publication; Keywords; Scientometrics; Trend analysis

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Core Tip: We analysed the articles published in the *World Journal of Clinical Cases* to illustrate the journal performance in the past 5 years. The author demonstrated that the journal has been growing with time with appropriate publication standards as per the COPE guidelines. The journal has a wide spectrum of published articles covering various domains of medicine to meet the aims and scope of the journal.

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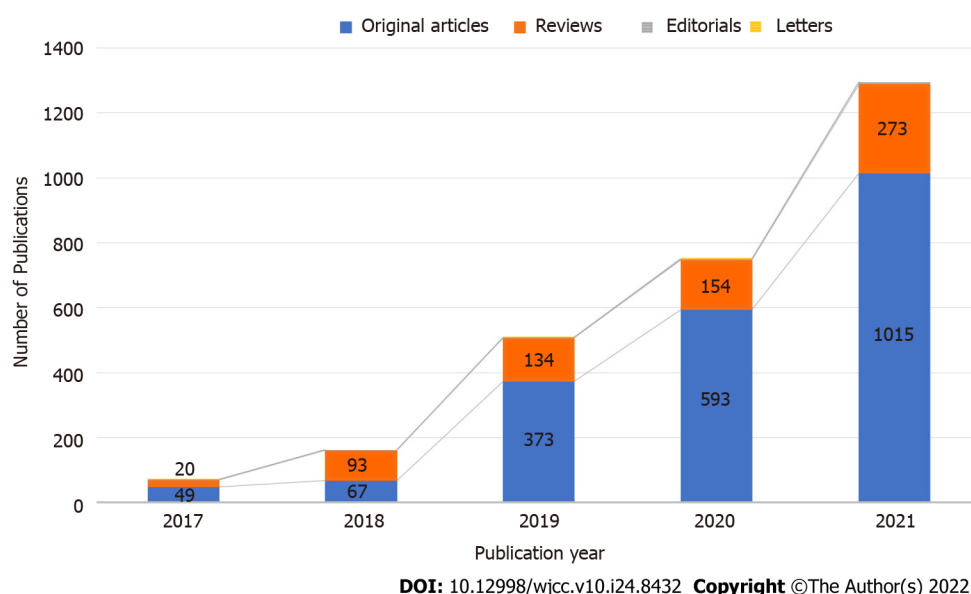


Figure 1 Trend of growth in the number of publications in the past 5 years.

INTRODUCTION

The *World Journal of Clinical Cases* started out publishing high-quality peer-reviewed articles since 2013 [1]. In this letter I would like to present a short summary of the performance of the journal in the past 5 years. A scientometric analysis was performed using the metadata of the articles published in the journal and indexed in Web of Science and Reference Citation Analysis[2] database over the past 5 years (2017-2021). Visualisation of the data was made using CiteSpace software[3].

Publication volume

The journal published 2792 articles between 2017 and 2021. The journal experienced three times growth in the number of publications with 12 issues in 2017 covering 452 pages in Volume 5 to 36 issues in 2021 covering 11508 pages in Volume 9. Similarly, the number of published articles rose from 71 in 2017 to 1296 in 2021 as shown in Figure 1.

Institutional network

Of the 2792 analysed articles, the top contributors were from Zhejiang University (143), Capital Medical University (129), China Medical University (99), Sichuan University (91), and Jilin University (82).

Country network

The People's Republic of China contributed to 71% (1982) of the total publications in the past 5 years, followed by South Korea (160), United States (127), Japan (111), and Italy (74).

Cited references

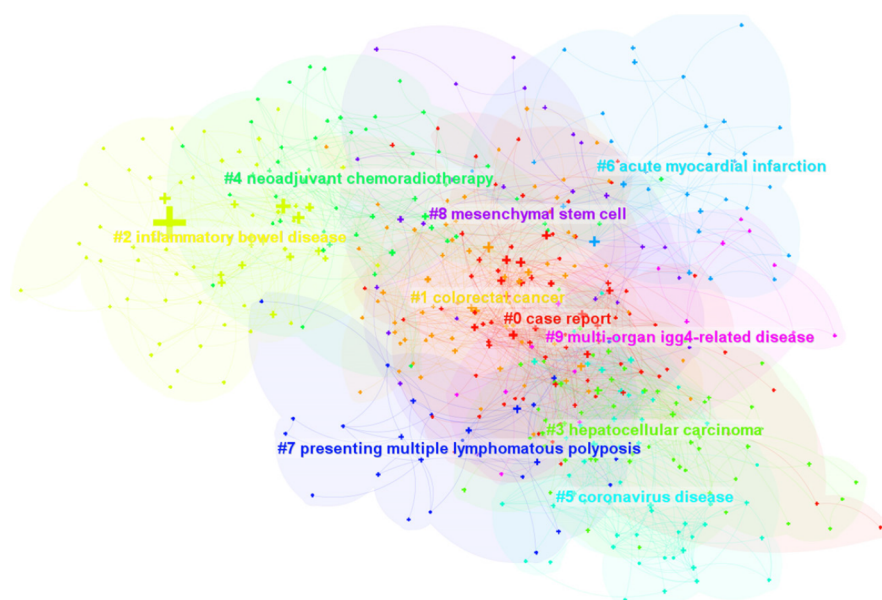
In order to analyse the self-citation policy, analysis was made on the journals of the cited references from the included publications in the past 5 years. A total of 731 journals were cited in the 31774 references analysed. The top cited journals were *New England Journal of Medicine* (622), *Lancet* (538), *World Journal of Gastroenterology* (518), *Medicine* (460), and *PLOS One* (416). This proves that the journal was adherent to the self-citation policy with only 122 self-citations, which account for 0.3% of the total references analysed.

Keyword cluster analysis

On analysing the keywords of the included articles, clustering of the keywords was made to represent the subject of the included articles. The top clusters in the included articles were #0 case report, #1 colorectal cancer, #2 inflammatory bowel disease, #3 hepatocellular carcinoma, #4 neoadjuvant chemoradiotherapy, and #5 coronavirus disease. Network of the included clusters is represented in Figure 2.

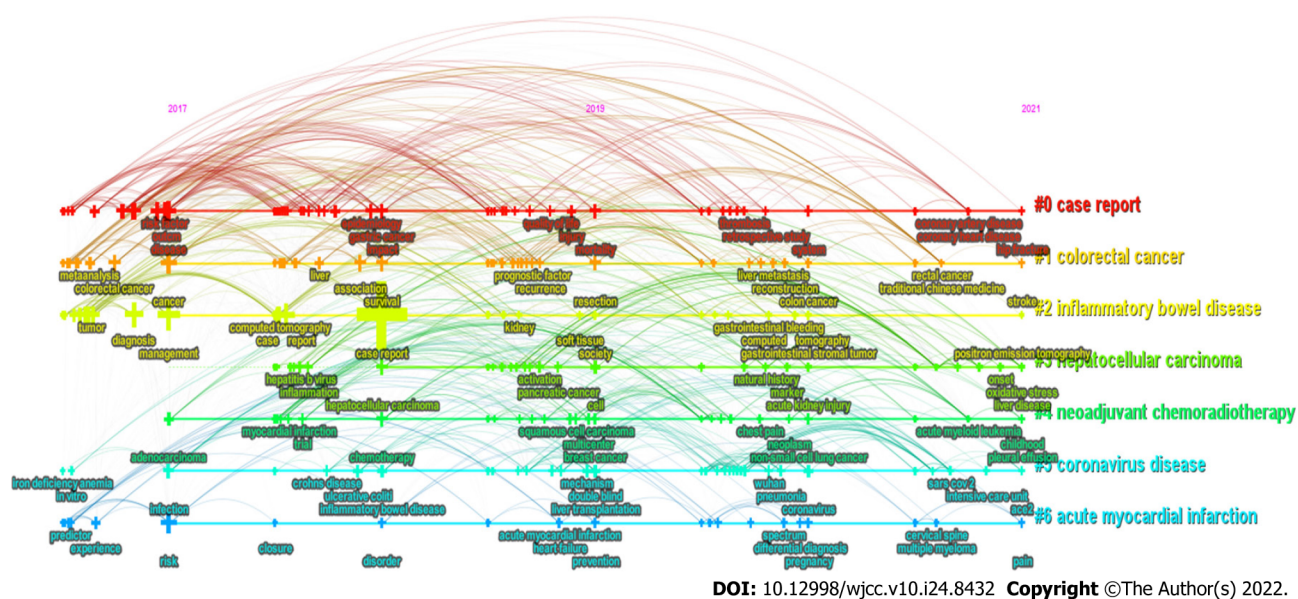
Publication trend analysis

On analysing the timeline of the keywords among the top clusters we noted that the recent publication trends revolved around the research domains like oncology, chemoradiotherapy, and coronavirus disease as shown in Figure 3.



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Figure 2 Network map of keyword clusters of the publication in the past 5 years.



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Figure 3 Timeline analysis of research publication trend.

Citation Analysis

The 2792 articles published in past 5 years accumulated a total citation count of 5285 (as of June 6, 2022). Average citation per article was 1.89. Based on the articles published in the past 5 years, the H-index of the journal was 22 (as of June 6, 2022). The article by Ren *et al*[4] titled "Fear can be more harmful than the severe acute respiratory syndrome coronavirus 2 in controlling the coronavirus disease 2019 epidemic" is the most cited article of the journal with 134 citations (as of June 6, 2022). The rate of publication and the citation frequency are given in Figure 4. The journal demonstrates a Journal Impact Factor of 1.534 based on Journal Citation Reports 2022 and Journal Article Influence Index of 1.89[2] ranking 135 among 172 journals in the category of Medicine, General and Internal[5].

CONCLUSION

We demonstrated that the journal has been growing with time with appropriate publication standards as per the COPE guidelines[6]. The journal has a wide spectrum of published articles covering various

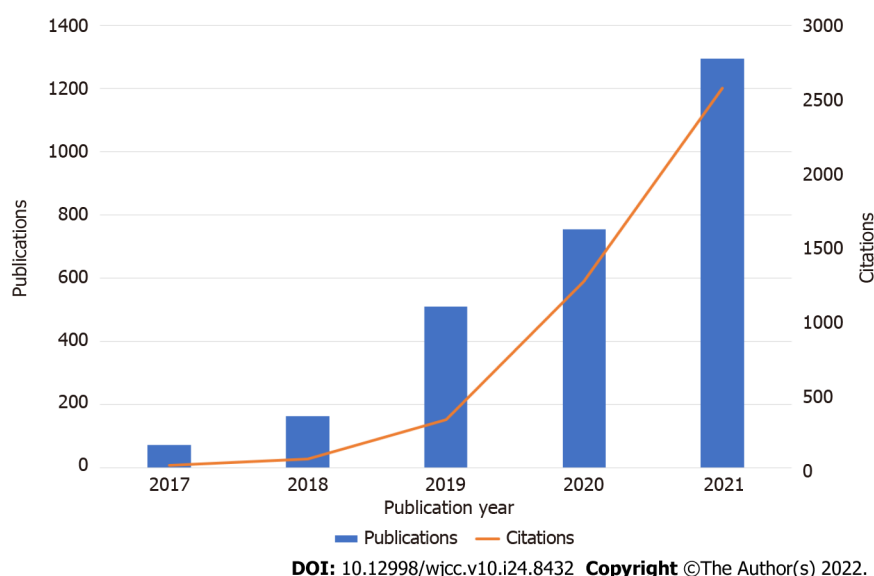


Figure 4 Relationship between annual publications and citations.

domains of medicine to meet the aims and scope of the journal.

FOOTNOTES

Author contributions: Muthu S contributed to conceptualization, methodology, formal analysis and investigation, original draft preparation, manuscript review and editing, resources, and supervision.

Conflict-of-interest statement: The author is an editorial board member of the *World Journal of Clinical Cases*.

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- 2 Reference Citation Analysis - Baishideng Publishing Group. Available from: <https://www.referencecitationanalysis.com/>
- 3 Chen C. CiteSpace: A Practical Guide for Mapping Scientific Literature
- 4 Ren SY, Gao RD, Chen YL. Fear can be more harmful than the severe acute respiratory syndrome coronavirus 2 in controlling the corona virus disease 2019 epidemic. *World J Clin Cases* 2020; 8: 652-657 [PMID: 32149049 DOI: 10.12998/wjcc.v8.i4.652]
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