Name of journal: World Journal of Gastroenterology

Manuscript NO: 93720

Title: Mapping Global Research Trends: Nutrition Associations with Non-Alcoholic Fatty Liver Disease - A Scopus Bibliometric Analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 04025443

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Senior Researcher

Reviewer’s Country/Territory: Russia

Author’s Country/Territory: Palestine

Manuscript submission date: 2024-03-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-03-08 09:16

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<th>Grade B: Very good</th>
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<td>Novelty of this manuscript</td>
<td>Grade A: Excellent</td>
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<td>Grade D: No novelty</td>
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**SPECIFIC COMMENTS TO AUTHORS**

Dear colleagues! I read with interest your manuscript "Mapping and Visualizing Global Research Trends in Nutrition-Related Associations with Nonalcoholic Fatty Liver Disease" that provides the analysis of global publication activity and related matters on non-alcoholic fatty liver disease and nutrition based on Scopus database. Although the findings may be interesting for potential readers and general understandings of the trends, there are some limitations that may need your attention and correction.

Response: I would like to thank you for the thorough reading of the manuscript and the professional comments and constructive recommendations, which help improve this manuscript's quality.

First, I would suggest that the specific database was reflected in the title of your paper (by adding "based on Scopus database").
Response: Thank you for this suggestion. We modified it as you suggested. Otherwise it would not reflect the real things and may misinform the audience. It may be sufficient to use 1 database for the analysis for this certain publication; however, this does not reflect the real state of things globally. To reach impartiality, it would be better to use different platforms for the analysis (for example, RCA system by Baishideng Publishing group, WoS, etc), or less dependent from a certain publisher - PubMed or Google Scholar. Due to the policies by Elsevier, data coming from certain regions of the planet are not covered completely, and of another - partially. I suppose that the use of just 1 platform should be mentioned as a major limitation rather than a strength of the study in the discussion.

Response: Thank you for this suggestion. In bibliometric research, typically, researchers rely on a single database due to the challenges of applying bibliometric indicators and conducting literature mapping across multiple databases [34]. Scopus, which encompasses nearly all of PubMed's content and boasts twice the number of indexed journals as Web of Science, is regarded as comprehensive and encompassing publications from both PubMed and Web of Science [28]. We added the following limitation “However, similar to prior bibliometric studies, our research has several limitations. Primarily, despite Scopus being the largest available database, the search for studies was exclusively conducted within it. This choice may limit the generalizability of our findings, as certain documents published in unindexed journals might have been missed.”.

Methods: please, provide selection criteria in more details (language, analysis of duplicate publications).

Response: Thank you for this suggestion. We clarified it as you suggested in methods.

Conclusions: this section contains things that were not within the scope of this
bibliometric/scientometric study. Please, describe certain data that were found in YOUR study and avoid generalization.

Response: Thank you for this suggestion. We clarified it as you suggested in conclusions.

Abstract: please, delete the sentence starting with "bibliometric analysis is..."; conclusions should be revised according to the aim of the study and the main findings.

Response: Thank you for this suggestion. We clarified it as you suggested in abstract.
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Reviewer’s code: 07939965

Position: Peer Reviewer

Academic degree: Doctor

Professional title: Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: Palestine

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Review time: 8 Days and 19 Hours

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SPECIFIC COMMENTS TO AUTHORS

1. The “research themes” has been discussed at great length in this study, and the results of other parts should also be analyzed and discussed accordingly.

Response: Thank you for this suggestion. We added it as you suggested in the introduction.

2. In the introduction section, it is recommended to increase the current status of treatment of non-alcoholic fatty liver disease.

Response: Thank you for this suggestion. We added it as you suggested in the introduction.

3. Although the limitations of using only the Scopus database are mentioned in the shortcomings, in order to ensure the rigor of the study, it is recommended to use the analysis of sufficient databases to support the scientific conclusions.

Response: Thank you for this suggestion. In bibliometric research, typically, researchers rely on a single database due to the challenges of applying bibliometric indicators and conducting literature mapping across multiple databases [34]. Scopus, which encompasses
nearly all of PubMed's content and boasts twice the number of indexed journals as Web of Science, is regarded as comprehensive and encompassing publications from both PubMed and Web of Science [28]. We added the following limitation “However, similar to prior bibliometric studies, our research has several limitations. Primarily, despite Scopus being the largest available database, the search for studies was exclusively conducted within it. This choice may limit the generalizability of our findings, as certain documents published in unindexed journals might have been missed.”.

4. The data analysis software is simple. You are advised to add software such as CiteSpace for more diversified analysis results.

Response: I appreciate your suggestion to use CiteSpace for our manuscript. However, due to time constraints and my limited familiarity with CiteSpace, I kindly request your understanding in waiving the requirement to use it in our revision. I'm confident that I can address your concerns effectively using the tools and methods with which I am more familiar. Thank you for your understanding.

5. The discussion part should be combined with the current global development trend of non-alcoholic fatty liver diet therapy to propose a better future and development direction.

Response: Thank you for this suggestion. We modified it as you suggested and add the following paragraph “The current nutritional guidelines for NAFLD highlight lifestyle changes such as eating a balanced diet, maintaining a healthy weight, and getting more physical activity. Although changing a lifestyle is still a fundamental part of treatment, pharmacological therapies targeting different molecular targets and pathways are being studied and developed to address the shortcomings of NAFLD diet therapy and to open up new pathways for future research. In addition to developing non-invasive biomarkers, clarifying biological pathways, updating screening protocols, planning long-term clinical trials to identify clinical targets and evaluate the safety of new treatment options, further
research is needed to address the epidemic burden of NAFLD.”

6. Reference format Please follow the reference format of the journal.
   Response: corrected

7. Summary subheadings are uniformly separated by one line. ‘
   Response: corrected

8. It is suggested to modify the expression of the full manuscript to make it more logical.
   Response: corrected