PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 87041

Title: Intestinal barrier in inflammatory bowel disease: A bibliometric and knowledge-map analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 00503545

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Director, Doctor

Reviewer’s Country/Territory: Japan

Author’s Country/Territory: China

Manuscript submission date: 2023-07-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-21 10:31

Reviewer performed review: 2023-07-28 09:32

Review time: 6 Days and 23 Hours

Scientific quality

<table>
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<tr>
<th></th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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Novelty of this manuscript

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<th></th>
<th>Grade A: Excellent</th>
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<th>Grade D: No novelty</th>
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Creativity or innovation of this manuscript

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<th>Grade C: Fair</th>
<th>Grade D: No creativity or innovation</th>
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### SPECIFIC COMMENTS TO AUTHORS

In this paper, the authors conducted bibliometric analysis and visualization concerning intestinal barrier research in inflammatory bowel disease using VOSviewer, CiteSpace and R software, and they concluded that intestinal barrier field is developing rapidly with extensive cooperation. The topic is interesting and the paper is well written. However, I suggest that the authors address the following points.

1. I suggest that the authors explain about the bibliometric analysis in the section of Introduction or Methods.
2. I suggest that a more detailed explanation of the figures should be given in the Figure legends.
3. The authors should explain the abbreviations, AMP, and TS.

| Scientific significance of the conclusion in this manuscript | [ ] Grade A: Excellent | [ ] Grade B: Good | [ ] Grade C: Fair | [ ] Grade D: No scientific significance |
| Language quality | [ ] Grade A: Priority publishing | [ ] Grade B: Minor language polishing | [ ] Grade C: A great deal of language polishing | [ ] Grade D: Rejection |
| Conclusion | [ ] Accept (High priority) | [ ] Accept (General priority) | [ ] Minor revision | [ ] Major revision | [ ] Rejection |
| Re-review | [ ] Yes | [ ] No |
| Peer-reviewer statements | Peer-Review: [ ] Anonymous | [ ] Onymous |
| Conflicts-of-Interest: [ ] Yes | [ ] No |
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Reviewer’s code: 06287257

Position: Peer Reviewer

Academic degree: MD

Professional title: Postdoc, Postdoctoral Fellow

Reviewer’s Country/Territory: United States

Author’s Country/Territory: China

Manuscript submission date: 2023-07-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-20 14:15

Reviewer performed review: 2023-08-02 16:53

Review time: 13 Days and 2 Hours

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<td>[ Y ] Grade A: Excellent</td>
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<td>[ ] Grade C: Fair</td>
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<td>Creativity or innovation of this manuscript</td>
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<td>[ ] Grade C: Fair</td>
<td>[ ] Grade D: No creativity or innovation</td>
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SPECIFIC COMMENTS TO AUTHORS
Thank you for the invitation. This study is a bibliometric article, aiming to elucidate the changes, development trends and research hotspots of intestinal barrier research in inflammatory bowel disease. I would like to congratulate the authors for their interesting work. I have some issues to discuss with the authors before publication. 1. Please expound on all relevant bibliometric indicators applied in this manuscript. Never assume the readers are familiar with them. I suggest the author read the following excellent studies and add them to the reference list. PMID: 36699067; PMID: 35346273. 2.

As for the figure legends, the author should give more descriptions about each figure. Do not assume that all readers are familiar with these diagrams. 3. The authors need to explain why they use the WOS database/pubmed instead of Scopus or others. You can refer to the following studies and cite them: PMID: 35784740, PMID: 36148235. 4.

In the discussion section where the hot topics are discussed, there is quite loose and disordered structure which makes the readers quite confused. It’s not “the more figures, the better.” I would like to know what the real hot topics are in this field. 5. Several researchers believe that TS search is not suitable for bibliometric analysis, due to the
include of “keywords plus” during the search process. Many unrelated publications could be included. What is your opinion? 6. Since there are a lot of data in this study, the author should check carefully to make sure the correct.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

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Reviewer’s code: 06287257

Position: Peer Reviewer

Academic degree: MD

Professional title: Postdoc, Postdoctoral Fellow

Reviewer’s Country/Territory: United States

Author’s Country/Territory: China

Manuscript submission date: 2023-07-20

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2023-08-14 01:10

Reviewer performed review: 2023-08-14 01:13

Review time: 1 Hour

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<th>Conclusion</th>
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<th>[ ] Accept (General priority)</th>
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<td>[ ] Minor revision</td>
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SPECIFIC COMMENTS TO AUTHORS

Accept