

## 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	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## 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.

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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

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## 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



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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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**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:** 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

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Peer-reviewer</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

Accept