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PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 87730

Title: Emerging trends and hotspots of NRF2 in neurological diseases: A bibliometric analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05236189

Position: Editorial Board

Academic degree: MD

Professional title: Academic Research, Adjunct Associate Professor, Research Associate

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2023-08-24

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-09-23 14:16

Reviewer performed review: 2023-09-23 14:42

Review time: 1 Hour

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 Grade E: Do not publish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



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Scientific significance of the conclusion in 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 scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	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

The major concern regarding this manuscript is the grammatical English: there are missing punctuation and misspelled words.



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Reviewer's code: 00038362

Position: Editorial Board

Academic degree: PhD

Professional title: Chairman, Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2023-08-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-07 13:53

Reviewer performed review: 2023-09-27 00:45

Review time: 19 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 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 type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

[This review manuscript authored by Chi and colleagues tackles a pertinent subject that holds immense appeal within the scientific community: the significance of the NRF2 cell signaling pathway in the context of neurological diseases. The manuscript comprises two distinct sections. Firstly, it conducts a bibliographic analysis of materials published since 2015, utilizing search terms such as "NF-E2-Related Factor 2," "neurological diseases," and "central nervous system disease." Following stringent exclusion criteria, the authors proceed to delineate global publication trends, the frequency of publications in top-tier journals, identify prolific authors in the field, and highlight the most cited papers. The second component of the manuscript offers an in-depth exploration of NRF2's role in various CNS diseases. However, there are some noteworthy concerns and areas for improvement within this contribution. Foremost, there appears to be a significant disconnect between the two elements presented in the manuscript. They seem to read as entirely separate pieces, lacking a cohesive thread. The first part is marred by grammatical errors and requires substantial editing for language clarity and coherence. In stark contrast, the second part is more proficiently written,

creating the impression that these two sections might have been authored by different individuals with varying levels of proficiency in written English. Therefore, it is advisable for the authors to seek professional editing assistance to ensure consistency and linguistic refinement throughout the manuscript. Additionally, the majority of the research discussed predominantly emanates from studies conducted in experimental animal models and in vitro systems. There is a conspicuous lack of emphasis on human studies that investigate the beneficial effects of NRF2 activation in the treatment of neurological diseases in humans. This omission is inconsistent with the journal's focus on clinical cases. It is imperative that the authors address this disparity by including more substantial discussions on human studies, thereby aligning their work more closely with the scope of the journal. In conclusion, while this review manuscript by Chi and co-workers addresses a compelling and pertinent topic, it requires substantial improvements in terms of coherence between its sections and linguistic refinement. Moreover, a greater emphasis on human studies would enhance its relevance to the clinical context, which is in line with the journal's scope. Therefore, this article is not publishable in its current form.]