

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Methodology*

**Manuscript NO:** 89853

**Title:** Artificial night light and thyroid cancer

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06286468

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2023-11-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-11-14 16:43

**Reviewer performed review:** 2023-11-22 13:19

**Review time:** 7 Days and 20 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 Grade E: Do not publish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 checked="" 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

Review Comments: The abstract provides a clear overview of the study, including the methodology and key findings. However, it would be beneficial to emphasize the limitations of the study in the abstract to provide a more balanced representation of the research. The study's core tip effectively summarizes the main results and implications. It could be enhanced by including a brief statement about the study's limitations or potential future research directions. Introduction: The introduction effectively establishes the background and significance of the study. However, it would be valuable to explicitly state the primary aim or hypothesis of the research. Materials/Methods: The section provides comprehensive details on the data sources and statistical analyses employed. However, it would be helpful to include a brief rationale for the selection of specific ALN exposure thresholds and their relevance to the research question. Results: The results are well-presented, and the statistical analyses are clearly described. It may be beneficial to include a discussion of any unexpected or contradictory findings to provide a more nuanced interpretation of the results. Discussion/Conclusion: The discussion effectively contextualizes the findings within existing literature and addresses



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potential mechanisms underlying the observed associations. However, the limitations of the study should be emphasized to provide a balanced interpretation of the results. Overall, the study makes a valuable contribution to understanding the potential impact of ALN on thyroid cancer. However, emphasizing the study's limitations and areas for future research would strengthen the manuscript. Additionally, further clarification on the rationale behind certain methodological choices would enhance the overall quality of the research.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2023-11-14

**Reviewer chosen by:** Xin-Liang Qu

**Reviewer accepted review:** 2023-12-08 04:09

**Reviewer performed review:** 2023-12-08 11:19

**Review time:** 7 Hours

<b>Scientific quality</b>	<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
<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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<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



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#### **SPECIFIC COMMENTS TO AUTHORS**

I have no more comments.