

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 64905

Title: What emotion dimensions can affect working memory performance in healthy adults? A review

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05270700

Position: Editorial Board

Academic degree: DSc, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Bulgaria

Author's Country/Territory: China

Manuscript submission date: 2021-02-25

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2021-07-27 19:18

Reviewer performed review: 2021-07-31 11:44

Review time: 3 Days and 16 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<input type="radio"/> Grade A: Priority publishing <input checked="" type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input checked="" type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This is an advanced review on the influence of emotions on memory performance in healthy subjects. Authors deliver systematic evidence about the interference of emotional valence and arousal, and motivation on working memory. There is clear impact of the above factors, which is crucial in experimental settings and paradigm design. The present paper adds insight to the perspective of integrated processing of affective and cognitive stimuli. Authors are strongly encouraged to broaden the scope of their review in "Future directions" towards psychopathology by including 2-3 references and few sentences in that sense. My recommendation is to send the paper for careful language editing, as in some of the paragraphs English is inconsistent and confusing.