

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 46994

Title: Deep Learning with Convolutional Neural Networks for Identification of Liver Masses and Hepatocellular Carcinoma: A Systematic Review

Reviewer's code: 03004570

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's country: Turkey

Science editor: Ying Dou

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Review time: 8 Days and 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This invited systematic review is about deep learning with convolutional neural



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networks (CNNs) for identification of liver masses and HCC. This is an informative, very well designed systematic review. I recommend for publication. The manuscript needs some corrections in the citations of references: 1. In pp #6 there should be [22-24] in place of [22,23,24], 2. In the same page, the correct citation should be [22-25] in place of [25,22,23,24] 3. In pp #10, the correct citations should be [38-40] in place of [38,39,40] and [31,32,37-40] in place of [31,32,77,38,39,40] On the other hand, the word of "Discerption" must be corrected as "Description" in pp #11. Finally, in the section of "2.3 Study Selection", two researchers (SAA and SA) are mentioned, but this manuscript is written only by one author who is possibly SAA. The second researcher should be clarified.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No