



PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Medical Imaging

Manuscript NO: 68145

Title: The application of radiomics in hepatocellular carcinoma: A review

Reviewer's code: 05932402

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-05-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-13 08:20

Reviewer performed review: 2021-05-18 08:00

Review time: 4 Days and 23 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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
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



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SPECIFIC COMMENTS TO AUTHORS

The paper is a survey of methods applied to the case of interest. I found it enjoyable and worth publishing. I would suggest enriching the bibliography with some general references such as Piccialli, Francesco, et al. "A survey on deep learning in medicine: Why, how and when ?." *Information Fusion* 66 (2021): 111-137. and with some other reference to related research, such as (by the same first author): Piccialli, Francesco, et al. "Precision medicine and machine learning towards the prediction of the outcome of potential celiac disease." *Scientific Reports* 11.1 (2021): 1-10.