

## 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

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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**

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.