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ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 6173

Title: PHYSICS AND MATHEMATICS OF MAGNETIC RESONANCE IMAGING FOR NANOMEDICINE: AN OVERVIEW

Reviewer code: 00741994

Science editor: Song, Xiu-Xia

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Nice overview of MRI. Minor issues to be looked at: p2,end & p3,top: frequency ω >angular velocity ω ; p3,end: omit however; p4: imagining>imaging and ω > ν (5x); p5,middle: nearly 100% abundant>the most abundant nucleus; Fig.2: indicate that B_0 is directed vertically; p7: andreturn> and return; Fig.3: replace by a clearer representation showing how the signal varies with τ .