

ICMJE DISCLOSURE FORM

Date: 23 June 2024

Your Name: Shutian Zhao

Manuscript Title: Denoising of Volumetric Magnetic Resonance Imaging Using Multi-channel Three-dimensional Convolutional Neural Network with Applications on Fast Spin Echo Acquisitions

Manuscript number (if known): QIMS-24-625

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the current manuscript only.

The author's relationships/activities/interests should be defined broadly. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
Time frame: Since the initial planning of the work			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	Innovation and Technology Commission of the Hong Kong SAR	Project MRP/001/18X
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<input checked="" type="checkbox"/> None	
3	Royalties or licenses	<input checked="" type="checkbox"/> None	

4	Consulting fees	<input checked="" type="checkbox"/> None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<input checked="" type="checkbox"/> None	
6	Payment for expert testimony	<input checked="" type="checkbox"/> None	
7	Support for attending meetings and/or travel	<input checked="" type="checkbox"/> None	
8	Patents planned, issued or pending	A pending USA patent	US patent SYSTEM AND METHOD FOR DENOISING IN MAGNETIC RESONANCE IMAGING (application number 18/128,193)
9	Participation on a Data Safety Monitoring Board or Advisory Board	<input checked="" type="checkbox"/> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<input checked="" type="checkbox"/> None	
11	Stock or stock options	<input checked="" type="checkbox"/> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input checked="" type="checkbox"/> None	

Please summarize the above conflict of interest in the following box:

This work is supported by a grant from the Innovation and Technology Commission of the Hong Kong SAR (Project MRP/001/18X). Shutian Zhao is an inventors of a US patent SYSTEM AND METHOD FOR DENOISING IN MAGNETIC RESONANCE IMAGING (application number 18/128,193).

Please place an "X" next to the following statement to indicate your agreement:

X I certify that I have answered every question and have not altered the wording of any of the questions on this form.

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Date: 23 June 2024

Your Name: Fan Xiao

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Date: 23 June 2024

Your Name: James F. Griffith

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ICMJE DISCLOSURE FORM

Date: 23 June 2024

Your Name: Ruokun Li

Manuscript Title: Denoising of Volumetric Magnetic Resonance Imaging Using Multi-channel Three-dimensional Convolutional Neural Network with Applications on Fast Spin Echo Acquisitions

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Date: 23 June 2024

Your Name: Weitian Chen

Manuscript Title: Denoising of Volumetric Magnetic Resonance Imaging Using Multi-channel Three-dimensional Convolutional Neural Network with Applications on Fast Spin Echo Acquisitions

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13	Other financial or non-financial interests	Illuminatio Medical Technology Limited	Co-founder and a shareholder

Please summarize the above conflict of interest in the following box:

This work is supported by a grant from the Innovation and Technology Commission of the Hong Kong SAR (Project MRP/001/18X). Weitian Chen is a co-founder and a shareholder of Illuminatio Medical Technology Limited. Weitian Chen is an inventors of a US patent SYSTEM AND METHOD FOR DENOISING IN MAGNETIC RESONANCE IMAGING (application number 18/128,193).

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