

Subject: Articles in IJNS and JNS
From: "Mohamed Helmy" <ungag@irelynn.org>
Sent: 5/10/2023 4:34:24 AM
To: adeli.1@osu.edu; warren.grill@duke.edu;
CC: nthakor@bme.jhu.edu; kkphua@wspc.com.sg; phypkk@nus.edu.sg;

Dear *International Journal of Neural Systems* and *Journal of Neural Systems*

[1] This concerns four (4) articles published in *International Journal of Neural Systems* and one (1) article published in *Journal of Neural Engineering*, all of which appear to be plagiarized, nonsensical from an electrophysiological perspective, and clinically irrelevant in principle, as follows:

(a) in (Peh et al. 2023), 'seizures' are detected from electroencephalograms (EEG) where 'seizures' were putatively recorded;

(b) in (Thangavel et al. 2022), 'epilepsy' is detected from EEGs where neither 'inter-ictal discharges' nor 'seizures' were putatively recorded;

(c) in (Thangavel et al. 2021), 'epilepsy' is diagnosed from EEGs where 'inter-ictal discharges' were putatively recorded but 'classified' according to EEG waveform and not 'epilepsy';

(d) in (Thomas et al. 2021), 'epilepsy' is diagnosed from EEGs where 'inter-ictal discharges' were not putatively recorded.

(e) in (Peh et al. 2021), 'brain slowing' not otherwise specified is 'detected' from EEGs.

[2] All the above is claimed by the abstract of a doctoral thesis published by *Nanyang Technological University* under embargo (Wei Yan Peh 2022).

[3] A patent/application for detection of 'brain slowing' not otherwise specified in EEG was taken out by the authors recently (Dauwels et al. 2023) and not so recently (Dauwels et al. 2021).

[4] Regarding *International Journal of Neural Systems*, under "...Aims & scope...a monthly

rigorously peer-reviewed transdisciplinary journal...Authors are strongly encouraged to review recent issues of the journal before submission...". May you please:

(a) clarify the criterion or criteria for 'rigorous', 'peer', and 'reviewed'?; and

(b) declare shared interests between *World Scientific* and its Singaporean owners who are also at *Nanyang Technological University* as well as *National University of Singapore*?

[5] Regarding *Journal of Neural Engineering*, under "...Scope...neurobiologists and engineers can publish their work in one periodical that bridges the gap between neuroscience and engineering...". While a gap is not otherwise specified in the engineering aspect of the *Journal of Neural Engineering* article cited here, a neuroscience gap is clearly minded. May you please clarify this discrepancy?

[6] This letter is published on www.nanyangscandal.com, please also view the report on *World Scientific* Editorial Advisor Nitish Thakor, *Johns Hopkins University*, detailing unethical research appearing to involve illegal trade in human tissue.

Thank you,
Mohamed Helmy
MD, PhD

www.nanyangscandal.com

References

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Peh, Wei Yan, John Thomas, Elham Bagheri, Rima Chaudhari, Sagar Karia, Rahul Rathakrishnan, Vinay Saini, Nilesh Shah, Rohit Srivastava, and Yee-Leng Tan. 2021. "Multi-Center Validation Study of Automated Classification of Pathological Slowing in Adult Scalp Electroencephalograms via Frequency Features." *International Journal of Neural Systems* **31** (06): 2150016.

Thangavel, Prasanth, John Thomas, Wei Yan Peh, Jin Jing, Rajamanickam Yuvaraj, Sydney S Cash, Rima Chaudhari, Sagar Karia, Rahul Rathakrishnan, and Vinay Saini. 2021. "Time–Frequency Decomposition of Scalp Electroencephalograms Improves Deep Learning-Based Epilepsy Diagnosis." *International Journal of Neural Systems* **31** (08): 2150032.

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Thomas, John, Prasanth Thangavel, Wei Yan Peh, Jin Jing, Rajamanickam Yuvaraj, Sydney S Cash, Rima Chaudhari, Sagar Karia, Rahul Rathakrishnan, and Vinay Saini. 2021. "Automated Adult Epilepsy Diagnostic Tool Based on Interictal Scalp Electroencephalogram Characteristics: A Six-Center Study." *International Journal of Neural Systems* **31** (05): 2050074.

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