

Wynn Legon

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,349
citations

489802

18
h-index

721071

23
g-index

28
all docs

28
docs citations

28
times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	The Inhibitory Thermal Effects of Focused Ultrasound on an Identified, Single Motoneuron. <i>ENeuro</i> , 2021, 8, ENEURO.0514-20.2021.	0.9	10
2	Intermittent theta burst stimulation of the right dorsolateral prefrontal cortex accelerates visuomotor adaptation with delayed feedback. <i>Cortex</i> , 2020, 129, 376-389.	1.1	4
3	A retrospective qualitative report of symptoms and safety from transcranial focused ultrasound for neuromodulation in humans. <i>Scientific Reports</i> , 2020, 10, 5573.	1.6	54
4	Neuromodulation with single-element transcranial focused ultrasound in human thalamus. <i>Human Brain Mapping</i> , 2018, 39, 1995-2006.	1.9	188
5	Effects of transcranial focused ultrasound on human primary motor cortex using 7T fMRI: a pilot study. <i>BMC Neuroscience</i> , 2018, 19, 56.	0.8	92
6	Ultrasound Produces Extensive Brain Activation via a Cochlear Pathway. <i>Neuron</i> , 2018, 98, 1020-1030.e4.	3.8	196
7	Transcranial focused ultrasound neuromodulation of the human primary motor cortex. <i>Scientific Reports</i> , 2018, 8, 10007.	1.6	193
8	Numerical evaluation of the skull for human neuromodulation with transcranial focused ultrasound. <i>Journal of Neural Engineering</i> , 2017, 14, 066012.	1.8	91
9	Transcranial focused ultrasound for BOLD fMRI signal modulation in humans. , 2016, 2016, 1758-1761.		41
10	Computational exploration of wave propagation and heating from transcranial focused ultrasound for neuromodulation. <i>Journal of Neural Engineering</i> , 2016, 13, 056002.	1.8	50
11	Altered Prefrontal Excitation/Inhibition Balance and Prefrontal Output: Markers of Aging in Human Memory Networks. <i>Cerebral Cortex</i> , 2016, 26, 4315-4326.	1.6	63
12	Vagus Nerve Stimulation and Other Neuromodulation Methods for Treatment of Traumatic Brain Injury. <i>Neurocritical Care</i> , 2016, 24, 308-319.	1.2	68
13	Transcranial Focused Ultrasound Modulates Intrinsic and Evoked EEG Dynamics. <i>Brain Stimulation</i> , 2014, 7, 900-908.	0.7	158
14	Transcranial focused ultrasound modulates the activity of primary somatosensory cortex in humans. <i>Nature Neuroscience</i> , 2014, 17, 322-329.	7.1	708
15	Is sham cTBS real cTBS? The effect on EEG dynamics. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1043.	1.0	33
16	Crossmodal influences on early somatosensory processing: interaction of vision, touch, and task-relevance. <i>Experimental Brain Research</i> , 2013, 226, 503-512.	0.7	12
17	Continuous Theta Burst Stimulation of the Supplementary Motor Area: Effect Upon Perception and Somatosensory and Motor Evoked Potentials. <i>Brain Stimulation</i> , 2013, 6, 877-883.	0.7	20
18	Physiological observations validate finite element models for estimating subject-specific electric field distributions induced by transcranial magnetic stimulation of the human motor cortex. <i>NeuroImage</i> , 2013, 81, 253-264.	2.1	166

#	ARTICLE	IF	CITATIONS
19	Primary motor cortex excitability is modulated with bimanual training. <i>Neuroscience Letters</i> , 2012, 514, 147-151.	1.0	27
20	Pulsed Ultrasound Differentially Stimulates Somatosensory Circuits in Humans as Indicated by EEG and fMRI. <i>PLoS ONE</i> , 2012, 7, e51177.	1.1	84
21	Crossmodal influences in somatosensory cortex: Interaction of vision and touch. <i>Human Brain Mapping</i> , 2010, 31, 14-25.	1.9	33
22	Spatiotemporal properties modulate intermodal influences on early somatosensory processing during sensory-guided movement. <i>Clinical Neurophysiology</i> , 2009, 120, 1371-1380.	0.7	12
23	The relationship between frontal somatosensory-evoked potentials and motor planning. <i>NeuroReport</i> , 2008, 19, 87-91.	0.6	10
24	Predictability of the target stimulus for sensory-guided movement modulates early somatosensory cortical potentials. <i>Clinical Neurophysiology</i> , 2006, 117, 1345-1353.	0.7	18