

Sook-Lei Liew

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,161
citations

394421

19
h-index

265206

42
g-index

69
all docs

69
docs citations

69
times ranked

4270
citing authors

#	ARTICLE	IF	CITATIONS
1	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
2	A large, open source dataset of stroke anatomical brain images and manual lesion segmentations. <i>Scientific Data</i> , 2018, 5, 180011.	5.3	170
3	Non-invasive brain stimulation in neurorehabilitation: local and distant effects for motor recovery. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 378.	2.0	162
4	Exploring the neural correlates of visual creativity. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 475-480.	3.0	139
5	Familiarity modulates mirror neuron and mentalizing regions during intention understanding. <i>Human Brain Mapping</i> , 2011, 32, 1986-1997.	3.6	93
6	Improving Motor Corticothalamic Communication After Stroke Using Real-Time fMRI Connectivity-Based Neurofeedback. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 671-675.	2.9	89
7	Effects of a Brain-Computer Interface With Virtual Reality (VR) Neurofeedback: A Pilot Study in Chronic Stroke Patients. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 210.	2.0	87
8	Who's Afraid of the Boss: Cultural Differences in Social Hierarchies Modulate Self-Face Recognition in Chinese and Americans. <i>PLoS ONE</i> , 2011, 6, e16901.	2.5	70
9	Modulating the Motor System by Action Observation After Stroke. <i>Stroke</i> , 2013, 44, 2247-2253.	2.0	67
10	Anatomical Parameters of tDCS to Modulate the Motor System after Stroke: A Review. <i>Frontiers in Neurology</i> , 2017, 8, 29.	2.4	59
11	Understanding Otherness: The Neural Bases of Action Comprehension and Pain Empathy in a Congenital Amputee. <i>Cerebral Cortex</i> , 2012, 22, 811-819.	2.9	54
12	The <sc>ENIGMA</sc> Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	3.6	54
13	A comparison of automated lesion segmentation approaches for chronic stroke T1-weighted MRI data. <i>Human Brain Mapping</i> , 2019, 40, 4669-4685.	3.6	49
14	Embodiment Is Related to Better Performance on a Brain-Computer Interface in Immersive Virtual Reality: A Pilot Study. <i>Sensors</i> , 2020, 20, 1204.	3.8	43
15	Brainhack: a collaborative workshop for the open neuroscience community. <i>GigaScience</i> , 2016, 5, 16.	6.4	34
16	The LONI QC System: A Semi-Automated, Web-Based and Freely-Available Environment for the Comprehensive Quality Control of Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 60.	2.5	34
17	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. <i>Scientific Data</i> , 2022, 9, .	5.3	33
18	Both novelty and expertise increase action observation network activity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 541.	2.0	32

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19	A Preliminary Comparison of Motor Learning Across Different Non-invasive Brain Stimulation Paradigms Shows No Consistent Modulations. <i>Frontiers in Neuroscience</i> , 2018, 12, 253.	2.8	27
20	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	3.6	27
21	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	8.1	27
22	Variable Neural Contributions to Explicit and Implicit Learning During Visuomotor Adaptation. <i>Frontiers in Neuroscience</i> , 2018, 12, 610.	2.8	25
23	REINVENT: A low-cost, virtual reality brain-computer interface for severe stroke upper limb motor recovery. , 2017, , .		24
24	A Virtual Reality Muscle Computer Interface for Neurorehabilitation in Chronic Stroke: A Pilot Study. <i>Sensors</i> , 2020, 20, 3754.	3.8	23
25	Differences in high-definition transcranial direct current stimulation over the motor hotspot versus the premotor cortex on motor network excitability. <i>Scientific Reports</i> , 2019, 9, 17605.	3.3	22
26	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	4.2	22
27	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq1 1 0.784314 rgBT /Overlock 10	12.0	21
28	Pipeline for Analyzing Lesions After Stroke (PALS). <i>Frontiers in Neuroinformatics</i> , 2018, 12, 63.	2.5	19
29	Applications of Head-Mounted Displays for Virtual Reality in Adult Physical Rehabilitation: A Scoping Review. <i>American Journal of Occupational Therapy</i> , 2020, 74, 7405205060p1-7405205060p15.	0.3	18
30	Plasticity of Sensorimotor Networks. <i>Neuroscientist</i> , 2017, 23, 185-196.	3.5	16
31	Stroke atlas of the brain: Voxel-wise density-based clustering of infarct lesions topographic distribution. <i>NeuroImage: Clinical</i> , 2019, 24, 101981.	2.7	16
32	Transfer of motor skill between virtual reality viewed using a head-mounted display and conventional screen environments. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 48.	4.6	16
33	The Effects of Sensory Manipulations on Motor Behavior: From Basic Science to Clinical Rehabilitation. <i>Journal of Motor Behavior</i> , 2017, 49, 67-77.	0.9	15
34	Experience with an amputee modulates one's own sensorimotor response during action observation. <i>NeuroImage</i> , 2013, 69, 138-145.	4.2	14
35	Laterality of Poststroke Cortical Motor Activity during Action Observation Is Related to Hemispheric Dominance. <i>Neural Plasticity</i> , 2018, 2018, 1-14.	2.2	13
36	Testing a convolutional neural network-based hippocampal segmentation method in a stroke population. <i>Human Brain Mapping</i> , 2022, 43, 234-243.	3.6	13

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37	Transfer of a skilled motor learning task between virtual and conventional environments. , 2017, , .		11
38	Development of a Low-Cost, Modular Muscleâ€“Computer Interface for At-Home Telerehabilitation for Chronic Stroke. <i>Sensors</i> , 2021, 21, 1806.	3.8	11
39	Promoting Translational Research Among Movement Science, Occupational Science, and Occupational Therapy. <i>Journal of Motor Behavior</i> , 2017, 49, 1-7.	0.9	10
40	Mindfulness Meditation Effects on Poststroke Spasticity: A Feasibility Study. <i>Journal of Evidence-based Integrative Medicine</i> , 2019, 24, 2515690X1985594.	2.6	10
41	Corticospinal Tract Lesion Load Originating From Both Ventral Premotor and Primary Motor Cortices Are Associated With Post-stroke Motor Severity. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 179-182.	2.9	10
42	Observational Study of Neuroimaging Biomarkers of Severe Upper Limb Impairment After Stroke. <i>Neurology</i> , 2022, 99, .	1.1	10
43	The Mirror Neuron System: Innovations and Implications for Occupational Therapy. <i>OTJR Occupation, Participation and Health</i> , 2012, 32, 79-86.	0.8	9
44	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e025109.	3.7	8
45	Calculating the Laterality Index Using FSL for Stroke Neuroimaging Data. <i>GigaScience</i> , 2016, 5, .	6.4	7
46	Distributed cortical structural properties contribute to motor cortical excitability and inhibition. <i>Brain Structure and Function</i> , 2018, 223, 3801-3812.	2.3	7
47	Semi-automated Robust Quantification of Lesions (SRQL) Toolbox. <i>Research Ideas and Outcomes</i> , 0, 3, e12259.	1.0	7
48	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcab254.	3.3	7
49	The Neuroscience of Language and Action in Occupations: A Review of Findings from Brain and Behavioral Sciences. <i>Journal of Occupational Science</i> , 2011, 18, 97-114.	1.3	6
50	Electromyography as a Suitable Input for Virtual Reality-Based Biofeedback in Stroke Rehabilitation. <i>Communications in Computer and Information Science</i> , 2019, , 274-281.	0.5	5
51	The Human Mirror Neuron System, Social Control, and Language. <i>Handbooks of Sociology and Social Research</i> , 2013, , 183-205.	0.1	4
52	Multimodal Head-Mounted Virtual-Reality Brain-Computer Interface for Stroke Rehabilitation. <i>Lecture Notes in Computer Science</i> , 2019, , 165-179.	1.3	3
53	Repetitive Peripheral Sensory Stimulation as an Add-On Intervention for Upper Limb Rehabilitation in Stroke: A Randomized Trial. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 1059-1064.	2.9	2
54	Editorial: Collaborative Efforts for Understanding the Human Brain. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 38.	2.5	1

#	ARTICLE	IF	CITATIONS
55	Automated hippocampal segmentation improved by convolutional neural network approach in participants with a history of cerebrovascular accident. <i>Alzheimer's and Dementia</i> , 2020, 16, e041634.	0.8	0