

# Wei Peng Teo

## List of Publications by Citations

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79  
papers

1,423  
citations

20  
h-index

34  
g-index

91  
ext. papers

1,912  
ext. citations

3.7  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
79	Parkinson's Disease and the Environment. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 218	4.1	130
78	Does a Combination of Virtual Reality, Neuromodulation and Neuroimaging Provide a Comprehensive Platform for Neurorehabilitation? - A Narrative Review of the Literature. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 284	3.3	85
77	Facilitating effects of transcranial direct current stimulation on motor imagery brain-computer interface with robotic feedback for stroke rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, S79-87	2.8	78
76	Effects of training and competition on the sleep of elite athletes: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , <b>2019</b> , 53, 513-522	10.3	70
75	Motor cortex excitability is not differentially modulated following skill and strength training. <i>Neuroscience</i> , <b>2015</b> , 305, 99-108	3.9	58
74	Post-exercise depression in corticomotor excitability after dynamic movement: a general property of fatiguing and non-fatiguing exercise. <i>Experimental Brain Research</i> , <b>2012</b> , 216, 41-9	2.3	53
73	Is motor-imagery brain-computer interface feasible in stroke rehabilitation?. <i>PM and R</i> , <b>2014</b> , 6, 723-8	2.2	51
72	The effects of circadian rhythmicity of salivary cortisol and testosterone on maximal isometric force, maximal dynamic force, and power output. <i>Journal of Strength and Conditioning Research</i> , <b>2011</b> , 25, 1538-45	3.2	49
71	Circadian rhythms in exercise performance: implications for hormonal and muscular adaptation. <i>Journal of Sports Science and Medicine</i> , <b>2011</b> , 10, 600-6	2.7	49
70	Assessing cerebellar brain inhibition (CBI) via transcranial magnetic stimulation (TMS): A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 86, 176-206	9	48
69	Using non-invasive transcranial stimulation to improve motor and cognitive function in Parkinson's disease: a systematic review and meta-analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 14840	4.9	40
68	Brain plasticity following MI-BCI training combined with tDCS in a randomized trial in chronic subcortical stroke subjects: a preliminary study. <i>Scientific Reports</i> , <b>2017</b> , 7, 9222	4.9	34
67	A Life-Long Approach to Physical Activity for Brain Health. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 147	5.3	34
66	Gut microbiota differences between healthy older adults and individuals with Parkinson's disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 112, 227-241	9	32
65	Exergaming as a Viable Therapeutic Tool to Improve Static and Dynamic Balance among Older Adults and People with Idiopathic Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 167	5.3	32
64	Anodal Transcranial Direct Current Stimulation Prolongs the Cross-education of Strength and Corticomotor Plasticity. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1788-97	1.2	30
63	The Acute Neuromuscular Responses to Cluster Set Resistance Training: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , <b>2019</b> , 49, 1861-1877	10.6	25

62	Effects of acute resistance training modality on corticospinal excitability, intra-cortical and neuromuscular responses. <i>European Journal of Applied Physiology</i> , <b>2017</b> , 117, 2211-2224	3.4	22
61	Changes in corticomotor excitability and inhibition after exercise are influenced by hand dominance and motor demand. <i>Neuroscience</i> , <b>2012</b> , 210, 110-7	3.9	22
60	The corticospinal responses of metronome-paced, but not self-paced strength training are similar to motor skill training. <i>European Journal of Applied Physiology</i> , <b>2017</b> , 117, 2479-2492	3.4	21
59	Bihemispheric-tDCS and Upper Limb Rehabilitation Improves Retention of Motor Function in Chronic Stroke: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 258	3.3	20
58	The Impact of Stimulation Intensity and Coil Type on Reliability and Tolerability of Cerebellar Brain Inhibition (CBI) via Dual-Coil TMS. <i>Cerebellum</i> , <b>2018</b> , 17, 540-549	4.3	19
57	Comparing kinematic changes between a finger-tapping task and unconstrained finger flexion-extension task in patients with Parkinson's disease. <i>Experimental Brain Research</i> , <b>2013</b> , 227, 323-313	3.3	19
56	The Time-Course of Acute Changes in Corticospinal Excitability, Intra-Cortical Inhibition and Facilitation Following a Single-Session Heavy Strength Training of the Biceps Brachii. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 607	3.3	17
55	Extended Sleep Maintains Endurance Performance Better than Normal or Restricted Sleep. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 2516-2523	1.2	17
54	Measures to Predict The Individual Variability of Corticospinal Responses Following Transcranial Direct Current Stimulation. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 487	3.3	16
53	Feasibility of breaking up sitting time in mainstream and special schools with a cognitively challenging motor task. <i>Journal of Sport and Health Science</i> , <b>2019</b> , 8, 137-148	8.2	14
52	The modulation of corticospinal excitability and inhibition following acute resistance exercise in males and females. <i>European Journal of Sport Science</i> , <b>2018</b> , 18, 984-993	3.9	14
51	Motor imagery BCI for upper limb stroke rehabilitation: An evaluation of the EEG recordings using coherence analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2013</b> , 2013, 261-4	0.9	14
50	Lower limb progressive resistance training improves leg strength but not gait speed or balance in Parkinson's disease: a systematic review and meta-analysis. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 40	5.3	14
49	An Innovative STROke Interactive Virtual thERapy (STRIVE) Online Platform for Community-Dwelling Stroke Survivors: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2020</b> , 101, 1131-1137	2.8	13
48	High-definition transcranial direct-current stimulation of the right M1 further facilitates left M1 excitability during crossed facilitation. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 1266-1272	3.2	13
47	Modulation of corticomotor excitability after maximal or sustainable-rate repetitive finger movement is impaired in Parkinson's disease and is reversed by levodopa. <i>Clinical Neurophysiology</i> , <b>2014</b> , 125, 562-8	4.3	13
46	Sensory manipulation results in increased dorsolateral prefrontal cortex activation during static postural balance in sedentary older adults: An fNIRS study. <i>Brain and Behavior</i> , <b>2018</b> , 8, e01109	3.4	13
45	Associations of Class-Time Sitting, Stepping and Sit-to-Stand Transitions with Cognitive Functions and Brain Activity in Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	12

44	The ipsilateral corticospinal responses to cross-education are dependent upon the motor-training intervention. <i>Experimental Brain Research</i> , <b>2018</b> , 236, 1331-1346	2.3	12
43	Optimising conservative management of chronic low back pain: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2017</b> , 18, 184	2.8	11
42	Interhemispheric Cortical Inhibition Is Reduced in Young Adults With Developmental Coordination Disorder. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 179	4.1	11
41	Concurrent exergaming and transcranial direct current stimulation to improve balance in people with Parkinson's disease: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2018</b> , 19, 387	2.8	11
40	Interactive effects of GPI stimulation and levodopa on postural control in Parkinson's disease. <i>Gait and Posture</i> , <b>2015</b> , 41, 929-34	2.6	10
39	Cerebral Cortical Activity Following Non-invasive Cerebellar Stimulation-a Systematic Review of Combined TMS and EEG Studies. <i>Cerebellum</i> , <b>2020</b> , 19, 309-335	4.3	10
38	Long-Term Strength Adaptation: A 15-Year Analysis of Powerlifting Athletes. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 2412-2418	3.2	10
37	Breakdown in central motor control can be attenuated by motor practice and neuro-modulation of the primary motor cortex. <i>Neuroscience</i> , <b>2012</b> , 220, 11-8	3.9	9
36	Using Transcranial Direct Current Stimulation to Augment the Effect of Motor Imagery-Assisted Brain-Computer Interface Training in Chronic Stroke Patients-Cortical Reorganization Considerations. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 948	4.1	9
35	Effects of eccentric versus concentric contractions of the biceps brachii on intracortical inhibition and facilitation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 369-379	4.6	9
34	Computerised Dynamic Posturography in Premanifest and Manifest individuals with Huntington's Disease. <i>Scientific Reports</i> , <b>2018</b> , 8, 14615	4.9	9
33	Effects of total sleep deprivation on endurance cycling performance and heart rate indices used for monitoring athlete readiness. <i>Journal of Sports Sciences</i> , <b>2019</b> , 37, 2691-2701	3.6	8
32	Innovative STROke Interactive Virtual thErapy (STRIVE) online platform for community-dwelling stroke survivors: a randomised controlled trial protocol. <i>BMJ Open</i> , <b>2018</b> , 8, e018388	3	8
31	Cross-Activation of the Motor Cortex during Unilateral Contractions of the Quadriceps. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 397	3.3	8
30	Individual differences in intracortical inhibition predict motor-inhibitory performance. <i>Experimental Brain Research</i> , <b>2019</b> , 237, 2715-2727	2.3	7
29	Factors affecting powerlifting performance: an analysis of age- and weight-based determinants of relative strength. <i>International Journal of Performance Analysis in Sport</i> , <b>2018</b> , 18, 532-544	1.8	7
28	Investigating the effects of muscle contraction and conditioning stimulus intensity on short-interval intracortical inhibition. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 3133-3140	3.5	6
27	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. <i>Journal of Neurophysiology</i> , <b>2021</b> , 125, 1768-1787	3.2	6

26	High intensity aerobic exercise does not prime the brain for anodal transcranial direct current stimulation. <i>Brain Stimulation</i> , <b>2019</b> , 12, 1086-1088	5.1	5
25	Differences in Strength Performance Between Novice and Elite Athletes: Evidence From Powerlifters. <i>Journal of Strength and Conditioning Research</i> , <b>2019</b> , 33 Suppl 1, S103-S112	3.2	5
24	The relationship between lifestyle and serum neurofilament light protein in Huntington's disease. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01578	3.4	5
23	The effects of multidisciplinary rehabilitation on neuroimaging, biological, cognitive and motor outcomes in individuals with premanifest Huntington's disease. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 416, 117022	3.2	5
22	Poor Tolerance of Motor Cortex rTMS in Chronic Migraine. <i>Journal of Clinical and Diagnostic Research JCDR</i> , <b>2014</b> , 8, MM01-2	0	5
21	Concurrent transcranial direct current stimulation and progressive resistance training in Parkinson's disease: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2016</b> , 17, 326	2.8	5
20	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253733	3.7	5
19	Task-related brain functional network reconfigurations relate to motor recovery in chronic subcortical stroke. <i>Scientific Reports</i> , <b>2021</b> , 11, 8442	4.9	4
18	The Effects of Combined Physical and Cognitive Training on Inhibitory Control: A Systematic Review and Meta-Analysis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 128, 735-748	9	4
17	Laboratory-Based Gait Variability and Habitual Gait Entropy Do Not Differentiate Community-Dwelling Older Adults from Those with Subjective Memory Complaints. <i>Gait and Posture</i> , <b>2020</b> , 80, 20-25	2.6	3
16	Transcranial Alternating Current Stimulation: A Potential Modulator for Pathological Oscillations in Parkinson's Disease?. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 185	4.1	3
15	Cross-sectional examination of 24-hour movement behaviours among 3- and 4-year-old children in urban and rural settings in low-income, middle-income and high-income countries: the SUNRISE study protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e049267	3	3
14	An Overview of Acoustic-Based Interventions to Improve Motor Symptoms in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 243	5.3	3
13	Acute effects of combined Bacopa, American ginseng and whole coffee fruit on working memory and cerebral haemodynamic response of the prefrontal cortex: a double-blind, placebo-controlled study. <i>Nutritional Neuroscience</i> , <b>2021</b> , 24, 873-884	3.6	3
12	The Central Mechanisms of Resistance Training and Its Effects on Cognitive Function. <i>Sports Medicine</i> , <b>2021</b> , 51, 2483-2506	10.6	3
11	Effects of classroom-based active breaks on cognition, sitting and on-task behaviour in children with intellectual disability: a pilot study. <i>Journal of Intellectual Disability Research</i> , <b>2021</b> , 65, 464-488	3.2	2
10	Anodal tDCS prolongs the cross-education of strength and corticospinal plasticity. <i>Brain Stimulation</i> , <b>2015</b> , 8, 362-363	5.1	1
9	Commentary: Cumulative effects of anodal and priming cathodal tDCS on pegboard test performance and motor cortical excitability. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 70	3.3	1

8	Altered prefrontal cortex responses in older adults with subjective memory complaints and dementia during dual-task gait: An fNIRS study. <i>European Journal of Neuroscience</i> , <b>2021</b> , 53, 1324-1333	3.5	1
7	Inhibition, excitation and bilateral transfer following a unilateral complex finger-tapping task in young and older adults. <i>European Journal of Neuroscience</i> , <b>2021</b> , 54, 6608-6617	3.5	1
6	Using noninvasive methods to drive brain-computer interface (BCI): the role of electroencephalography and functional near-infrared spectroscopy in BCI <b>2018</b> , 33-63		0
5	Development of a Parkinson's disease specific falls questionnaire. <i>BMC Geriatrics</i> , <b>2021</b> , 21, 614	4.1	0
4	Acute Effects of High-Intensity Aerobic Exercise on Motor Cortical Excitability and Inhibition in Sedentary Adults.. <i>Frontiers in Psychology</i> , <b>2022</b> , 13, 814633	3.4	0
3	To the Gut Microbiome and Beyond: The Brain-First or Body-First Hypothesis in Parkinson's Disease.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 791213	5.7	0
2	Using Technology to Improve Cognitive Function: Fact or Fiction? <b>2015</b> , 279-304		
1	36 Altered Prefrontal Cortex Responses in Older Adults with Subjective Memory Complaints and Dementia During Dual-Task Gait: An Fnrirs Study. <i>Age and Ageing</i> , <b>2019</b> , 48, iv9-iv12	3	