

# Wei Peng Teo

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

2,404  
citations

279798

23  
h-index

254184

43  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parkinson's Disease and the Environment. <i>Frontiers in Neurology</i> , 2019, 10, 218.	2.4	260
2	Effects of training and competition on the sleep of elite athletes: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 513-522.	6.7	126
3	Does a Combination of Virtual Reality, Neuromodulation and Neuroimaging Provide a Comprehensive Platform for Neurorehabilitation? â€” A Narrative Review of the Literature. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 284.	2.0	119
4	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> , 2015, 96, S79-S87.	0.9	118
5	Assessing cerebellar brain inhibition (CBI) via transcranial magnetic stimulation (TMS): A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 176-206.	6.1	76
6	Motor cortex excitability is not differentially modulated following skill and strength training. <i>Neuroscience</i> , 2015, 305, 99-108.	2.3	73
7	Is Motorâ€”Imagery Brainâ€”Computer Interface Feasible in Stroke Rehabilitation?. <i>PM and R</i> , 2014, 6, 723-728.	1.6	70
8	Gut microbiota differences between healthy older adults and individuals with Parkinsonâ€™s disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 227-241.	6.1	68
9	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> , 2011, 25, 1538-1545.	2.1	65
10	Post-exercise depression in corticomotor excitability after dynamic movement: a general property of fatiguing and non-fatiguing exercise. <i>Experimental Brain Research</i> , 2012, 216, 41-49.	1.5	58
11	Circadian rhythms in exercise performance: implications for hormonal and muscular adaptation. <i>Journal of Sports Science and Medicine</i> , 2011, 10, 600-6.	1.6	58
12	Using non-invasive transcranial stimulation to improve motor and cognitive function in Parkinsonâ€™s disease: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 14840.	3.3	56
13	A Life-Long Approach to Physical Activity for Brain Health. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 147.	3.4	52
14	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> , 2017, 7, 9222.	3.3	51
15	The Acute Neuromuscular Responses to Cluster Set Resistance Training: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2019, 49, 1861-1877.	6.5	49
16	Exergaming as a Viable Therapeutic Tool to Improve Static and Dynamic Balance among Older Adults and People with Idiopathic Parkinsonâ€™s Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 167.	3.4	45
17	The Impact of Stimulation Intensity and Coil Type on Reliability and Tolerability of Cerebellar Brain Inhibition (CBI) via Dual-Coil TMS. <i>Cerebellum</i> , 2018, 17, 540-549.	2.5	41
18	Anodal Transcranial Direct Current Stimulation Prolongs the Cross-education of Strength and Corticomotor Plasticity. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1788-1797.	0.4	40

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19	bihemispheric-tDCS and Upper Limb Rehabilitation Improves Retention of Motor Function in Chronic Stroke: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 258.	2.0	36
20	Extended Sleep Maintains Endurance Performance Better than Normal or Restricted Sleep. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2516-2523.	0.4	36
21	Effects of acute resistance training modality on corticospinal excitability, intra-cortical and neuromuscular responses. <i>European Journal of Applied Physiology</i> , 2017, 117, 2211-2224.	2.5	33
22	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> , 2017, 117, 2479-2492.	2.5	31
23	Cerebral Cortical Activity Following Non-invasive Cerebellar Stimulation—a Systematic Review of Combined TMS and EEG Studies. <i>Cerebellum</i> , 2020, 19, 309-335.	2.5	29
24	Changes in corticomotor excitability and inhibition after exercise are influenced by hand dominance and motor demand. <i>Neuroscience</i> , 2012, 210, 110-117.	2.3	28
25	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. <i>Journal of Neurophysiology</i> , 2021, 125, 1768-1787.	1.8	28
26	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> , 2021, 11, e049267.	1.9	28
27	Motor imagery BCI for upper limb stroke rehabilitation: An evaluation of the EEG recordings using coherence analysis. , 2013, 2013, 261-4.		26
28	Factors affecting powerlifting performance: an analysis of age- and weight-based determinants of relative strength. <i>International Journal of Performance Analysis in Sport</i> , 2018, 18, 532-544.	1.1	25
29	Long-Term Strength Adaptation: A 15-Year Analysis of Powerlifting Athletes. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2412-2418.	2.1	24
30	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> , 2018, 8, e01109.	2.2	23
31	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> , 2016, 10, 607.	2.0	22
32	Measures to Predict The Individual Variability of Corticospinal Responses Following Transcranial Direct Current Stimulation. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 487.	2.0	21
33	Innovative STRoke Interactive Virtual thErapy (STRIVE) online platform for community-dwelling stroke survivors: a randomised controlled trial protocol. <i>BMJ Open</i> , 2018, 8, e018388.	1.9	21
34	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> , 2020, 11, 948.	2.4	21
35	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> , 2020, 101, 1131-1137.	0.9	21
36	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> , 2015, 7, 40.	3.4	20

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37	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> , 2019, 8, 137-148.	6.5	20
38	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> , 2019, 16, 1482.	2.6	20
39	The Central Mechanisms of Resistance Training and Its Effects on Cognitive Function. <i>Sports Medicine</i> , 2021, 51, 2483-2506.	6.5	20
40	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> , 2013, 227, 323-331.	1.5	19
41	Effects of total sleep deprivation on endurance cycling performance and heart rate indices used for monitoring athlete readiness. <i>Journal of Sports Sciences</i> , 2019, 37, 2691-2701.	2.0	19
42	Task-related brain functional network reconfigurations relate to motor recovery in chronic subcortical stroke. <i>Scientific Reports</i> , 2021, 11, 8442.	3.3	19
43	Optimising conservative management of chronic low back pain: study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 184.	1.6	18
44	The modulation of corticospinal excitability and inhibition following acute resistance exercise in males and females. <i>European Journal of Sport Science</i> , 2018, 18, 984-993.	2.7	18
45	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> , 2019, 29, 369-379.	2.9	18
46	The Effects of Combined Physical and Cognitive Training on Inhibitory Control: A Systematic Review and Meta-Analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 735-748.	6.1	18
47	The ipsilateral corticospinal responses to cross-education are dependent upon the motor-training intervention. <i>Experimental Brain Research</i> , 2018, 236, 1331-1346.	1.5	17
48	High-definition transcranial direct-current stimulation of the right M1 further facilitates left M1 excitability during crossed facilitation. <i>Journal of Neurophysiology</i> , 2018, 119, 1266-1272.	1.8	17
49	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. <i>PLoS ONE</i> , 2021, 16, e0253733.	2.5	17
50	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> , 2014, 125, 562-568.	1.5	16
51	The relationship between lifestyle and serum neurofilament light protein in Huntington's disease. <i>Brain and Behavior</i> , 2020, 10, e01578.	2.2	16
52	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> , 2020, 416, 117022.	0.6	16
53	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> , 2018, 19, 387.	1.6	15
54	Breakdown in central motor control can be attenuated by motor practice and neuro-modulation of the primary motor cortex. <i>Neuroscience</i> , 2012, 220, 11-18.	2.3	14

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55	Interhemispheric Cortical Inhibition Is Reduced in Young Adults With Developmental Coordination Disorder. <i>Frontiers in Neurology</i> , 2018, 9, 179.	2.4	14
56	Individual differences in intracortical inhibition predict motor-inhibitory performance. <i>Experimental Brain Research</i> , 2019, 237, 2715-2727.	1.5	14
57	Differences in Strength Performance Between Novice and Elite Athletes: Evidence From Powerlifters. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, S103-S112.	2.1	13
58	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> , 2021, 53, 1324-1333.	2.6	13
59	Interactive effects of GPI stimulation and levodopa on postural control in Parkinson's disease. <i>Gait and Posture</i> , 2015, 41, 929-934.	1.4	12
60	Cross-Activation of the Motor Cortex during Unilateral Contractions of the Quadriceps. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 397.	2.0	11
61	Computerised Dynamic Posturography in Premanifest and Manifest individuals with Huntington's Disease. <i>Scientific Reports</i> , 2018, 8, 14615.	3.3	11
62	Poor Tolerance of Motor Cortex rTMS in Chronic Migraine. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014, 8, MM01-2.	0.8	9
63	An Overview of Acoustic-Based Interventions to Improve Motor Symptoms in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 243.	3.4	9
64	Concurrent transcranial direct current stimulation and progressive resistance training in Parkinson's disease: study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 326.	1.6	8
65	Transcranial Alternating Current Stimulation: A Potential Modulator for Pathological Oscillations in Parkinson's Disease?. <i>Frontiers in Neurology</i> , 2017, 8, 185.	2.4	8
66	Investigating the effects of muscle contraction and conditioning stimulus intensity on short-interval intracortical inhibition. <i>European Journal of Neuroscience</i> , 2019, 50, 3133-3140.	2.6	7
67	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> , 2020, 80, 20-25.	1.4	7
68	To the Gut Microbiome and Beyond: The Brain-First or Body-First Hypothesis in Parkinson's Disease. <i>Frontiers in Microbiology</i> , 2022, 13, 791213.	3.5	7
69	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> , 2019, 24, 1-12.	3.1	6
70	High intensity aerobic exercise does not prime the brain for anodal transcranial direct current stimulation. <i>Brain Stimulation</i> , 2019, 12, 1086-1088.	1.6	5
71	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> , 2021, 65, 464-488.	2.0	5
72	Development of a Parkinson's disease specific falls questionnaire. <i>BMC Geriatrics</i> , 2021, 21, 614.	2.7	5

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73	Acute Effects of High-Intensity Aerobic Exercise on Motor Cortical Excitability and Inhibition in Sedentary Adults. <i>Frontiers in Psychology</i> , 2022, 13, 814633.	2.1	5
74	Inhibition, excitation and bilateral transfer following a unilateral complex finger-tapping task in young and older adults. <i>European Journal of Neuroscience</i> , 2021, 54, 6608-6617.	2.6	3
75	Using noninvasive methods to drive brain-computer interface (BCI): the role of electroencephalography and functional near-infrared spectroscopy in BCI. , 2018, , 33-63.		2
76	The mediating effects of breaking up classroom sitting with cognitively engaging or simple active breaks on children's cognition. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, S22-S23.	1.3	2
77	Clinical Determinants of Dual Tasking in People With Premanifest Huntington Disease. <i>Physical Therapy</i> , 2021, 101, .	2.4	2
78	Anodal tDCS prolongs the cross-education of strength and corticospinal plasticity. <i>Brain Stimulation</i> , 2015, 8, 362-363.	1.6	1
79	Commentary: Cumulative effects of anodal and priming cathodal tDCS on pegboard test performance and motor cortical excitability. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 70.	2.0	1
80	Central neuromodulation is diminished after a bout of moderate-intensity aerobic exercise: An exploratory study with transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2017, 10, e45.	1.6	0
81	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> , 2019, 48, iv9-iv12.	1.6	0
82	Using Technology to Improve Cognitive Function: Fact or Fiction?. , 2015, , 279-304.		0
83	The effects of a single-session continuous and intermittent theta-burst stimulation on working memory in older adults.. <i>Frontiers in Human Neuroscience</i> , 0, 11, .	2.0	0
84	Impaired cortical inhibition may underpin deficits in postural control in people with Parkinson's disease.. <i>Frontiers in Human Neuroscience</i> , 0, 11, .	2.0	0
85	Resting-state cortical inhibition predicts accuracy of motor inhibition. <i>Frontiers in Human Neuroscience</i> , 0, 11, .	2.0	0
86	Do lifestyle factors play a role on bone health in boys diagnosed with Autism Spectrum Disorder? Preliminary data from the Promoting bone and gut health in our children (PROUD) study. <i>Bone Abstracts</i> , 0, , .	0.0	0