

Wei Peng Teo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Acute Effects of High-Intensity Aerobic Exercise on Motor Cortical Excitability and Inhibition in Sedentary Adults.. <i>Frontiers in Psychology</i> , 2022 , 13, 814633	3.4	0
78	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	5.7	0
77	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	3	3
76	Development of a Parkinson's disease specific falls questionnaire. <i>BMC Geriatrics</i> , 2021 , 21, 614	4.1	0
75	Task-related brain functional network reconfigurations relate to motor recovery in chronic subcortical stroke. <i>Scientific Reports</i> , 2021 , 11, 8442	4.9	4
74	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. <i>Journal of Neurophysiology</i> , 2021 , 125, 1768-1787	3.2	6
73	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> , 2021 , 24, 873-884	3.6	3
72	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	3.5	1
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	3.2	2
70	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. <i>PLoS ONE</i> , 2021 , 16, e0253733	3.7	5
69	The Central Mechanisms of Resistance Training and Its Effects on Cognitive Function. <i>Sports Medicine</i> , 2021 , 51, 2483-2506	10.6	3
68	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	3.5	1
67	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	9	4
66	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	2.6	3
65	The relationship between lifestyle and serum neurofilament light protein in Huntington's disease. <i>Brain and Behavior</i> , 2020 , 10, e01578	3.4	5
64	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	3.2	5
63	Gut microbiota differences between healthy older adults and individuals with Parkinson's disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 227-241	9	32

62	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	2.8	13
61	Cerebral Cortical Activity Following Non-invasive Cerebellar Stimulation-a Systematic Review of Combined TMS and EEG Studies. <i>Cerebellum</i> , 2020 , 19, 309-335	4.3	10
60	An Overview of Acoustic-Based Interventions to Improve Motor Symptoms in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 243	5.3	3
59	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	4.1	9
58	Long-Term Strength Adaptation: A 15-Year Analysis of Powerlifting Athletes. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 2412-2418	3.2	10
57	Individual differences in intracortical inhibition predict motor-inhibitory performance. <i>Experimental Brain Research</i> , 2019 , 237, 2715-2727	2.3	7
56	The Acute Neuromuscular Responses to Cluster Set Resistance Training: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2019 , 49, 1861-1877	10.6	25
55	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	3.6	8
54	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	8.2	14
53	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	3.5	6
52	High intensity aerobic exercise does not prime the brain for anodal transcranial direct current stimulation. <i>Brain Stimulation</i> , 2019 , 12, 1086-1088	5.1	5
51	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,	4.6	12
50	Parkinson's Disease and the Environment. <i>Frontiers in Neurology</i> , 2019 , 10, 218	4.1	130
49	Differences in Strength Performance Between Novice and Elite Athletes: Evidence From Powerlifters. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33 Suppl 1, S103-S112	3.2	5
48	36 Altered Prefrontal Cortex Responses in Older Adults with Subjective Memory Complaints and Dementia During Dual-Task Gait: An Fmris Study. <i>Age and Ageing</i> , 2019 , 48, iv9-iv12	3	
47	Extended Sleep Maintains Endurance Performance Better than Normal or Restricted Sleep. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2516-2523	1.2	17
46	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	10.3	70
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	4.6	9

44	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	3	8
43	The ipsilateral corticospinal responses to cross-education are dependent upon the motor-training intervention. <i>Experimental Brain Research</i> , 2018 , 236, 1331-1346	2.3	12
42	Interhemispheric Cortical Inhibition Is Reduced in Young Adults With Developmental Coordination Disorder. <i>Frontiers in Neurology</i> , 2018 , 9, 179	4.1	11
41	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	1.8	7
40	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	2.8	11
39	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	4.3	19
38	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	3.9	14
37	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	3.2	13
36	Using noninvasive methods to drive brain-computer interface (BCI): the role of electroencephalography and functional near-infrared spectroscopy in BCI 2018 , 33-63		0
35	Assessing cerebellar brain inhibition (CBI) via transcranial magnetic stimulation (TMS): A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 86, 176-206	9	48
34	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	3.4	13
33	Computerised Dynamic Posturography in Premanifest and Manifest individuals with Huntington's Disease. <i>Scientific Reports</i> , 2018 , 8, 14615	4.9	9
32	Optimising conservative management of chronic low back pain: study protocol for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 184	2.8	11
31	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	3.4	21
30	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	4.9	34
29	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	3.4	22
28	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> , 2017 , 7, 14840	4.9	40
27	A Life-Long Approach to Physical Activity for Brain Health. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 147	5.3	34

26	Transcranial Alternating Current Stimulation: A Potential Modulator for Pathological Oscillations in Parkinson's Disease?. <i>Frontiers in Neurology</i> , 2017 , 8, 185	4.1	3
25	Cross-Activation of the Motor Cortex during Unilateral Contractions of the Quadriceps. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 397	3.3	8
24	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	3.3	1
23	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	3.3	20
22	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> , 2016 , 10, 284	3.3	85
21	Measures to Predict The Individual Variability of Corticospinal Responses Following Transcranial Direct Current Stimulation. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 487	3.3	16
20	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	3.3	17
19	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	2.8	5
18	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, S79-87	2.8	78
17	Anodal tDCS prolongs the cross-education of strength and corticospinal plasticity. <i>Brain Stimulation</i> , 2015 , 8, 362-363	5.1	1
16	Interactive effects of GPI stimulation and levodopa on postural control in Parkinson's disease. <i>Gait and Posture</i> , 2015 , 41, 929-34	2.6	10
15	Motor cortex excitability is not differentially modulated following skill and strength training. <i>Neuroscience</i> , 2015 , 305, 99-108	3.9	58
14	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, 1788-97	1.2	30
13	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	5.3	14
12	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> , 2015 , 7, 167	5.3	32
11	Using Technology to Improve Cognitive Function: Fact or Fiction? 2015 , 279-304		
10	Is motor-imagery brain-computer interface feasible in stroke rehabilitation?. <i>PM and R</i> , 2014 , 6, 723-8	2.2	51
9	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, 562-8	4.3	13

8	Poor Tolerance of Motor Cortex rTMS in Chronic Migraine. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2014 , 8, MM01-2	0	5
7	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, 323-31	2.3	19
6	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> , 2013 , 261-4	0.9	14
5	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, 41-9	2.3	53
4	Changes in corticomotor excitability and inhibition after exercise are influenced by hand dominance and motor demand. <i>Neuroscience</i> , 2012 , 210, 110-7	3.9	22
3	Breakdown in central motor control can be attenuated by motor practice and neuro-modulation of the primary motor cortex. <i>Neuroscience</i> , 2012 , 220, 11-8	3.9	9
2	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, 1538-45	3.2	49
1	Circadian rhythms in exercise performance: implications for hormonal and muscular adaptation. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 600-6	2.7	49