Wei Peng Teo

List of Publications by Year
in descending order

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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	Acute Effects of High-Intensity Aerobic Exercise on Motor Cortical Excitability and Inhibition in Sedentary Adults. Frontiers in Psychology, 2022, 13, 814633.	2.1	5
2	To the Gut Microbiome and Beyond: The Brain-First or Body-First Hypothesis in Parkinsonâ€™s Disease. Frontiers in Microbiology, 2022, 13, 791213.	3.5	7
3	Altered prefrontal cortex responses in older adults with subjective memory complaints and dementia during dualâ€task gait: An fNIRS study. European Journal of Neuroscience, 2021, 53, 1324-1333.	2.6	13
4	Clinical Determinants of Dual Tasking in People With Premanifest Huntington Disease. Physical Therapy, 2021, 101, .	2.4	2
5	Effects of classroomâ€based active breaks on cognition, sitting and onâ€task behaviour in children with intellectual disability: a pilot study. Journal of Intellectual Disability Research, 2021, 65, 464-488.	2.0	5
6	Task-related brain functional network reconfigurations relate to motor recovery in chronic subcortical stroke. Scientific Reports, 2021, 11, 8442.	3.3	19
7	Assessing cerebellar-cortical connectivity using concurrent TMS-EEG: a feasibility study. Journal of Neurophysiology, 2021, 125, 1768-1787.	1.8	28
8	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. PLoS ONE, 2021, 16, e0253733.	2.5	17
9	The Central Mechanisms of Resistance Training and Its Effects on Cognitive Function. Sports Medicine, 2021, 51, 2483-2506.	6.5	20
10	Inhibition, excitation and bilateral transfer following a unilateral complex fingerâ€tapping task in young and older adults. European Journal of Neuroscience, 2021, 54, 6608-6617.	2.6	3
11	The Effects of Combined Physical and Cognitive Training on Inhibitory Control: A Systematic Review and Meta-Analysis. Neuroscience and Biobehavioral Reviews, 2021, 128, 735-748.	6.1	18
12	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. BMJ Open, 2021, 11, e049267.	1.9	28
13	Development of a Parkinsonâ€™s disease specific falls questionnaire. BMC Geriatrics, 2021, 21, 614.	2.7	5
14	Cerebral Cortical Activity Following Non-invasive Cerebellar Stimulationâ€”a Systematic Review of Combined TMS and EEG Studies. Cerebellum, 2020, 19, 309-335.	2.5	29
15	An Overview of Acoustic-Based Interventions to Improve Motor Symptoms in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 243.	3.4	9
16	Using Transcranial Direct Current Stimulation to Augment the Effect of Motor Imagery-Assisted Brain-Computer Interface Training in Chronic Stroke Patientsâ€”Cortical Reorganization Considerations. Frontiers in Neurology, 2020, 11, 948.	2.4	21
17	Long-Term Strength Adaptation: A 15-Year Analysis of Powerlifting Athletes. Journal of Strength and Conditioning Research, 2020, 34, 2412-2418.	2.1	24
18	Laboratory-Based Gait Variability and Habitual Gait Entropy Do Not Differentiate Community-Dwelling Older Adults from Those with Subjective Memory Complaints. Gait and Posture, 2020, 80, 20-25.	1.4	7

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19	The relationship between lifestyle and serum neurofilament light protein in Huntingtonâ€™s disease. Brain and Behavior, 2020, 10, e01578.	2.2	16
20	The effects of multidisciplinary rehabilitation on neuroimaging, biological, cognitive and motor outcomes in individuals with premanifest Huntington's disease. Journal of the Neurological Sciences, 2020, 416, 117022.	0.6	16
21	Gut microbiota differences between healthy older adults and individuals with Parkinsonâ€™s disease: A systematic review. Neuroscience and Biobehavioral Reviews, 2020, 112, 227-241.	6.1	68
22	An Innovative STRoke Interactive Virtual thErapy (STRIVE) Online Platform for Community-Dwelling Stroke Survivors: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1131-1137.	0.9	21
23	The mediating effects of breaking up classroom sitting with cognitively engaging or simple active breaks on children's cognition. Journal of Science and Medicine in Sport, 2019, 22, S22-S23.	1.3	2
24	Individual differences in intracortical inhibition predict motor-inhibitory performance. Experimental Brain Research, 2019, 237, 2715-2727.	1.5	14
25	The Acute Neuromuscular Responses to Cluster Set Resistance Training: A Systematic Review and Meta-Analysis. Sports Medicine, 2019, 49, 1861-1877.	6.5	49
26	Effects of total sleep deprivation on endurance cycling performance and heart rate indices used for monitoring athlete readiness. Journal of Sports Sciences, 2019, 37, 2691-2701.	2.0	19
27	Feasibility of breaking up sitting time in mainstream and special schools with a cognitively challenging motor task. Journal of Sport and Health Science, 2019, 8, 137-148.	6.5	20
28	Investigating the effects of muscle contraction and conditioning stimulus intensity on shortâ€interval intracortical inhibition. European Journal of Neuroscience, 2019, 50, 3133-3140.	2.6	7
29	High intensity aerobic exercise does not prime the brain for anodal transcranial direct current stimulation. Brain Stimulation, 2019, 12, 1086-1088.	1.6	5
30	Associations of Class-Time Sitting, Stepping and Sit-to-Stand Transitions with Cognitive Functions and Brain Activity in Children. International Journal of Environmental Research and Public Health, 2019, 16, 1482.	2.6	20
31	Parkinson's Disease and the Environment. Frontiers in Neurology, 2019, 10, 218.	2.4	260
32	Differences in Strength Performance Between Novice and Elite Athletes: Evidence From Powerlifters. Journal of Strength and Conditioning Research, 2019, 33, S103-S112.	2.1	13
33	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. Nutritional Neuroscience, 2019, 24, 1-12.	3.1	6
34	36 Altered Prefrontal Cortex Responses in Older Adults with Subjective Memory Complaints and Dementia During Dual-Task Gait: An Fnirs Study. Age and Ageing, 2019, 48, iv9-iv12.	1.6	0
35	Extended Sleep Maintains Endurance Performance Better than Normal or Restricted Sleep. Medicine and Science in Sports and Exercise, 2019, 51, 2516-2523.	0.4	36
36	Effects of training and competition on the sleep of elite athletes: a systematic review and meta-analysis. British Journal of Sports Medicine, 2019, 53, 513-522.	6.7	126

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37	Effects of eccentric versus concentric contractions of the biceps brachii on intracortical inhibition and facilitation. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 369-379.	2.9	18
38	Innovative STRoke Interactive Virtual thErapy (STRIVE) online platform for community-dwelling stroke survivors: a randomised controlled trial protocol. BMJ Open, 2018, 8, e018388.	1.9	21
39	The ipsilateral corticospinal responses to cross-education are dependent upon the motor-training intervention. Experimental Brain Research, 2018, 236, 1331-1346.	1.5	17
40	Assessing cerebellar brain inhibition (CBI) via transcranial magnetic stimulation (TMS): A systematic review. Neuroscience and Biobehavioral Reviews, 2018, 86, 176-206.	6.1	76
41	Sensory manipulation results in increased dorsolateral prefrontal cortex activation during static postural balance in sedentary older adults: An <scp>fNIRS</scp> study. Brain and Behavior, 2018, 8, e01109.	2.2	23
42	Computerised Dynamic Posturography in Premanifest and Manifest individuals with Huntingtonâ€™s Disease. Scientific Reports, 2018, 8, 14615.	3.3	11
43	Interhemispheric Cortical Inhibition Is Reduced in Young Adults With Developmental Coordination Disorder. Frontiers in Neurology, 2018, 9, 179.	2.4	14
44	Factors affecting powerlifting performance: an analysis of age- and weight-based determinants of relative strength. International Journal of Performance Analysis in Sport, 2018, 18, 532-544.	1.1	25
45	Concurrent exergaming and transcranial direct current stimulation to improve balance in people with Parkinsonâ€™s disease: study protocol for a randomised controlled trial. Trials, 2018, 19, 387.	1.6	15
46	The Impact of Stimulation Intensity and Coil Type on Reliability and Tolerability of Cerebellar Brain Inhibition (CBI) via Dual-Coil TMS. Cerebellum, 2018, 17, 540-549.	2.5	41
47	The modulation of corticospinal excitability and inhibition following acute resistance exercise in males and females. European Journal of Sport Science, 2018, 18, 984-993.	2.7	18
48	High-definition transcranial direct-current stimulation of the right M1 further facilitates left M1 excitability during crossed facilitation. Journal of Neurophysiology, 2018, 119, 1266-1272.	1.8	17
49	Using noninvasive methods to drive brainâ€“computer interface (BCI): the role of electroencephalography and functional near-infrared spectroscopy in BCI. , 2018, , 33-63.		2
50	Optimising conservative management of chronic low back pain: study protocol for a randomised controlled trial. Trials, 2017, 18, 184.	1.6	18
51	The corticospinal responses of metronome-paced, but not self-paced strength training are similar to motor skill training. European Journal of Applied Physiology, 2017, 117, 2479-2492.	2.5	31
52	Brain plasticity following MI-BCI training combined with tDCS in a randomized trial in chronic subcortical stroke subjects: a preliminary study. Scientific Reports, 2017, 7, 9222.	3.3	51
53	Effects of acute resistance training modality on corticospinal excitability, intra-cortical and neuromuscular responses. European Journal of Applied Physiology, 2017, 117, 2211-2224.	2.5	33
54	Central neuromodulation is diminished after a bout of moderate-intensity aerobic exercise: An exploratory study with transcranial magnetic stimulation. Brain Stimulation, 2017, 10, e45.	1.6	0

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55	Using non-invasive transcranial stimulation to improve motor and cognitive function in Parkinsonâ€™s disease: a systematic review and meta-analysis. Scientific Reports, 2017, 7, 14840.	3.3	56
56	A Life-Long Approach to Physical Activity for Brain Health. Frontiers in Aging Neuroscience, 2017, 9, 147.	3.4	52
57	Transcranial Alternating Current Stimulation: A Potential Modulator for Pathological Oscillations in Parkinsonâ€™s Disease?. Frontiers in Neurology, 2017, 8, 185.	2.4	8
58	Cross-Activation of the Motor Cortex during Unilateral Contractions of the Quadriceps. Frontiers in Human Neuroscience, 2017, 11, 397.	2.0	11
59	Commentary: Cumulative effects of anodal and priming cathodal tDCS on pegboard test performance and motor cortical excitability. Frontiers in Human Neuroscience, 2016, 10, 70.	2.0	1
60	bihemispheric-tDCS and Upper Limb Rehabilitation Improves Retention of Motor Function in Chronic Stroke: A Pilot Study. Frontiers in Human Neuroscience, 2016, 10, 258.	2.0	36
61	Does a Combination of Virtual Reality, Neuromodulation and Neuroimaging Provide a Comprehensive Platform for Neurorehabilitation? â€“ A Narrative Review of the Literature. Frontiers in Human Neuroscience, 2016, 10, 284.	2.0	119
62	Measures to Predict The Individual Variability of Corticospinal Responses Following Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2016, 10, 487.	2.0	21
63	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. Frontiers in Human Neuroscience, 2016, 10, 607.	2.0	22
64	Concurrent transcranial direct current stimulation and progressive resistance training in Parkinsonâ€™s disease: study protocol for a randomised controlled trial. Trials, 2016, 17, 326.	1.6	8
65	Anodal Transcranial Direct Current Stimulation Prolongs the Cross-education of Strength and Corticomotor Plasticity. Medicine and Science in Sports and Exercise, 2015, 47, 1788-1797.	0.4	40
66	Lower Limb Progressive Resistance Training Improves Leg Strength but Not Gait Speed or Balance in ParkinsonÃ¢â‚¬â„¢s Disease: A Systematic Review and Meta-Analysis. Frontiers in Aging Neuroscience, 2015, 7, 40.	3.4	20
67	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. Frontiers in Aging Neuroscience, 2015, 7, 167.	3.4	45
68	Facilitating Effects of Transcranial Direct Current Stimulation on Motor Imagery Brain-Computer Interface With Robotic Feedback for Stroke Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2015, 96, S79-S87.	0.9	118
69	Anodal tDCS prolongs the cross-education of strength and corticospinal plasticity. Brain Stimulation, 2015, 8, 362-363.	1.6	1
70	Interactive effects of GPI stimulation and levodopa on postural control in Parkinson's disease. Gait and Posture, 2015, 41, 929-934.	1.4	12
71	Motor cortex excitability is not differentially modulated following skill and strength training. Neuroscience, 2015, 305, 99-108.	2.3	73
72	Using Technology to Improve Cognitive Function: Fact or Fiction?. , 2015, , 279-304.		0

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73	Poor Tolerance of Motor Cortex rTMS in Chronic Migraine. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, MM01-2.	0.8	9
74	Is Motorâ€Imagery Brainâ€Computer Interface Feasible in Stroke Rehabilitation?. PM and R, 2014, 6, 723-728.	1.6	70
75	Modulation of corticomotor excitability after maximal or sustainable-rate repetitive finger movement is impaired in Parkinsonâ€™s disease and is reversed by levodopa. Clinical Neurophysiology, 2014, 125, 562-568.	1.5	16
76	Comparing kinematic changes between a finger-tapping task and unconstrained finger flexionâ€“extension task in patients with Parkinsonâ€™s disease. Experimental Brain Research, 2013, 227, 323-331.	1.5	19
77	Motor imagery BCI for upper limb stroke rehabilitation: An evaluation of the EEG recordings using coherence analysis. , 2013, 2013, 261-4.		26
78	Changes in corticomotor excitability and inhibition after exercise are influenced by hand dominance and motor demand. Neuroscience, 2012, 210, 110-117.	2.3	28
79	Breakdown in central motor control can be attenuated by motor practice and neuro-modulation of the primary motor cortex. Neuroscience, 2012, 220, 11-18.	2.3	14
80	Post-exercise depression in corticomotor excitability after dynamic movement: a general property of fatiguing and non-fatiguing exercise. Experimental Brain Research, 2012, 216, 41-49.	1.5	58
81	The Effects of Circadian Rhythmicity of Salivary Cortisol and Testosterone on Maximal Isometric Force, Maximal Dynamic Force, and Power Output. Journal of Strength and Conditioning Research, 2011, 25, 1538-1545.	2.1	65
82	Circadian rhythms in exercise performance: implications for hormonal and muscular adaptation. Journal of Sports Science and Medicine, 2011, 10, 600-6.	1.6	58
83	The effects of a single-session continuous and intermittent theta-burst stimulation on working memory in older adults.. Frontiers in Human Neuroscience, 0, 11, .	2.0	0
84	Impaired cortical inhibition may underpin deficits in postural control in people with Parkinsonâ€™s disease.. Frontiers in Human Neuroscience, 0, 11, .	2.0	0
85	Resting-state cortical inhibition predicts accuracy of motor inhibition. Frontiers in Human Neuroscience, 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. Bone Abstracts, 0, , .	0.0	0