Chien-Heng Chu

List of Publications by Year
in descending order

27	921	535685 17	591227 27
papers	citations	h-index	g-index

27	27	27	1063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiorespiratory fitness is associated with sustained neurocognitive function during a prolonged inhibitory control task in young adults: An <scp>ERP</scp> study. Psychophysiology, 2022, 59, e14086.	1.2	3
2	The Association of Obesity and Cardiorespiratory Fitness in Relation to Cognitive Flexibility: An Event-Related Potential Study. Frontiers in Human Neuroscience, 2022, 16, .	1.0	3
3	The Combined Effects of Obesity and Cardiorespiratory Fitness Are Associated with Response Inhibition: An ERP Study. International Journal of Environmental Research and Public Health, 2021, 18, 3429.	1.2	5
4	Conducting exercise trials for obese adolescents within the effectiveness setting: A response with commentary to Ejima et al. (2019). Psychology of Sport and Exercise, 2020, 46, 101605.	1.1	1
5	Exercise Behavior and Mood during the COVID-19 Pandemic in Taiwan: Lessons for the Future. International Journal of Environmental Research and Public Health, 2020, 17, 7092.	1.2	27
6	Mindfulness Training Enhances Endurance Performance and Executive Functions in Athletes: An Event-Related Potential Study. Neural Plasticity, 2020, 2020, 1-12.	1.0	30
7	Cardiorespiratory Fitness, Age, and Multiple Aspects of Executive Function Among Preadolescent Children. Frontiers in Psychology, 2020, 11, 1198.	1.1	19
8	Acute coordinative exercise ameliorates general and food-cue related cognitive function in obese adolescents. Journal of Sports Sciences, 2020, 38, 953-960.	1.0	3
9	The Effect of Exercise Training on Brain Structure and Function in Older Adults: A Systematic Review Based on Evidence from Randomized Control Trials. Journal of Clinical Medicine, 2020, 9, 914.	1.0	50
10	The effects of negative air ions on cognitive function: an event-related potential (ERP) study. International Journal of Biometeorology, 2019, 63, 1309-1317.	1.3	16
11	Effects of acute aerobic and resistance exercise on executive function: An ERP study. Journal of Science and Medicine in Sport, 2019, 22, 1367-1372.	0.6	41
12	Effects of Acute Exercise Duration on the Inhibition Aspect of Executive Function in Late Middle-Aged Adults. Frontiers in Aging Neuroscience, 2019, 11, 227.	1.7	34
13	Age, period and birth cohort effects on the prevalence of overweight and obesity among Taiwanese adolescents: a national population-based study. Journal of Public Health, 2019, 41, 90-99.	1.0	3
14	Health-related physical fitness, academic achievement, and neuroelectric measures in children and adolescents. International Journal of Sport and Exercise Psychology, 2019, 17, 117-132.	1.1	32
15	Relationship between mode of sport training and general cognitive performance. Journal of Sport and Health Science, 2017, 6, 89-95.	3.3	52
16	Acute exercise has a general facilitative effect on cognitive function: A combined ERP temporal dynamics and BDNF study. Psychophysiology, 2017, 54, 289-300.	1.2	72
17	Combined Effects of Physical Activity and Obesity on Cognitive Function: Independent, Overlapping, Moderator, and Mediator Models. Sports Medicine, 2017, 47, 449-468.	3.1	36
18	Acute Exercise and Neurocognitive Development in Preadolescents and Young Adults: An ERP Study. Neural Plasticity, 2017, 2017, 1-13.	1.0	29

#	Article	IF	Citations
19	Exercise Modality Is Differentially Associated with Neurocognition in Older Adults. Neural Plasticity, 2017, 2017, 1-11.	1.0	18
20	Obesity, Cardiovascular Fitness, and Inhibition Function: An Electrophysiological Study. Frontiers in Psychology, 2016, 07, 1124.	1.1	22
21	Cardiorespiratory Fitness Is Associated with Executive Control in Late-Middle-Aged Adults: An Event-Related (De) Synchronization (ERD/ERS) Study. Frontiers in Psychology, 2016, 7, 1135.	1.1	18
22	Exercise and fitness modulate cognitive function in older adults.. Psychology and Aging, 2015, 30, 842-848.	1.4	39
23	Doseâ€"Response Relation between Exercise Duration and Cognition. Medicine and Science in Sports and Exercise, 2015, 47, 159-165.	0.2	117
24	Effects of acute aerobic exercise on motor response inhibition: An ERP study using the stop-signal task. Journal of Sport and Health Science, 2015, 4, 73-81.	3.3	48
25	Effect of acute exercise and cardiovascular fitness on cognitive function: An eventâ€related cortical desynchronization study. Psychophysiology, 2015, 52, 342-351.	1.2	78
26	Effect of acute aerobic exercise on cognitive performance: Role of cardiovascular fitness. Psychology of Sport and Exercise, 2014, 15, 464-470.	1.1	81
27	Executive Function During Acute Exercise: The Role of Exercise Intensity. Journal of Sport and Exercise Psychology, 2013, 35, 358-367.	0.7	44