

# Chien-Heng Chu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

921  
citations

471371  
17  
h-index

526166  
27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dose-Response Relation between Exercise Duration and Cognition. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 159-165.	0.2	117
2	Effect of acute aerobic exercise on cognitive performance: Role of cardiovascular fitness. <i>Psychology of Sport and Exercise</i> , 2014, 15, 464-470.	1.1	81
3	Effect of acute exercise and cardiovascular fitness on cognitive function: An event-related cortical desynchronization study. <i>Psychophysiology</i> , 2015, 52, 342-351.	1.2	78
4	Acute exercise has a general facilitative effect on cognitive function: A combined ERP temporal dynamics and BDNF study. <i>Psychophysiology</i> , 2017, 54, 289-300.	1.2	72
5	Relationship between mode of sport training and general cognitive performance. <i>Journal of Sport and Health Science</i> , 2017, 6, 89-95.	3.3	52
6	The Effect of Exercise Training on Brain Structure and Function in Older Adults: A Systematic Review Based on Evidence from Randomized Control Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 914.	1.0	50
7	Effects of acute aerobic exercise on motor response inhibition: An ERP study using the stop-signal task. <i>Journal of Sport and Health Science</i> , 2015, 4, 73-81.	3.3	48
8	Executive Function During Acute Exercise: The Role of Exercise Intensity. <i>Journal of Sport and Exercise Psychology</i> , 2013, 35, 358-367.	0.7	44
9	Effects of acute aerobic and resistance exercise on executive function: An ERP study. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 1367-1372.	0.6	41
10	Exercise and fitness modulate cognitive function in older adults.. <i>Psychology and Aging</i> , 2015, 30, 842-848.	1.4	39
11	Combined Effects of Physical Activity and Obesity on Cognitive Function: Independent, Overlapping, Moderator, and Mediator Models. <i>Sports Medicine</i> , 2017, 47, 449-468.	3.1	36
12	Effects of Acute Exercise Duration on the Inhibition Aspect of Executive Function in Late Middle-Aged Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 227.	1.7	34
13	Health-related physical fitness, academic achievement, and neuroelectric measures in children and adolescents. <i>International Journal of Sport and Exercise Psychology</i> , 2019, 17, 117-132.	1.1	32
14	Mindfulness Training Enhances Endurance Performance and Executive Functions in Athletes: An Event-Related Potential Study. <i>Neural Plasticity</i> , 2020, 2020, 1-12.	1.0	30
15	Acute Exercise and Neurocognitive Development in Preadolescents and Young Adults: An ERP Study. <i>Neural Plasticity</i> , 2017, 2017, 1-13.	1.0	29
16	Exercise Behavior and Mood during the COVID-19 Pandemic in Taiwan: Lessons for the Future. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7092.	1.2	27
17	Obesity, Cardiovascular Fitness, and Inhibition Function: An Electrophysiological Study. <i>Frontiers in Psychology</i> , 2016, 07, 1124.	1.1	22
18	Cardiorespiratory Fitness, Age, and Multiple Aspects of Executive Function Among Preadolescent Children. <i>Frontiers in Psychology</i> , 2020, 11, 1198.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Cardiorespiratory Fitness Is Associated with Executive Control in Late-Middle-Aged Adults: An Event-Related (De) Synchronization (ERD/ERS) Study. <i>Frontiers in Psychology</i> , 2016, 7, 1135.	1.1	18
20	Exercise Modality Is Differentially Associated with Neurocognition in Older Adults. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	18
21	The effects of negative air ions on cognitive function: an event-related potential (ERP) study. <i>International Journal of Biometeorology</i> , 2019, 63, 1309-1317.	1.3	16
22	The Combined Effects of Obesity and Cardiorespiratory Fitness Are Associated with Response Inhibition: An ERP Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3429.	1.2	5
23	Age, period and birth cohort effects on the prevalence of overweight and obesity among Taiwanese adolescents: a national population-based study. <i>Journal of Public Health</i> , 2019, 41, 90-99.	1.0	3
24	Acute coordinative exercise ameliorates general and food-cue related cognitive function in obese adolescents. <i>Journal of Sports Sciences</i> , 2020, 38, 953-960.	1.0	3
25	Cardiorespiratory fitness is associated with sustained neurocognitive function during a prolonged inhibitory control task in young adults: An ERP study. <i>Psychophysiology</i> , 2022, 59, e14086.	1.2	3
26	The Association of Obesity and Cardiorespiratory Fitness in Relation to Cognitive Flexibility: An Event-Related Potential Study. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	3
27	Conducting exercise trials for obese adolescents within the effectiveness setting: A response with commentary to Ejima et al. (2019). <i>Psychology of Sport and Exercise</i> , 2020, 46, 101605.	1.1	1