

# Chien-Heng Chu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

921  
citations

471509  
17  
h-index

526287  
27  
g-index

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all docs

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docs citations

27  
times ranked

978  
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. <i>Psychophysiology</i> , 2022, 59, e14086. | 2.4 | 3         |
| 2  | 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, .                           | 2.0 | 3         |
| 3  | 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. | 2.6 | 5         |
| 4  | 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.               | 2.1 | 1         |
| 5  | 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.                           | 2.6 | 27        |
| 6  | Mindfulness Training Enhances Endurance Performance and Executive Functions in Athletes: An Event-Related Potential Study. <i>Neural Plasticity</i> , 2020, 2020, 1-12.   | 2.2 | 30        |
| 7  | Cardiorespiratory Fitness, Age, and Multiple Aspects of Executive Function Among Preadolescent Children. <i>Frontiers in Psychology</i> , 2020, 11, 1198.   | 2.1 | 19        |
| 8  | Acute coordinative exercise ameliorates general and food-cue related cognitive function in obese adolescents. <i>Journal of Sports Sciences</i> , 2020, 38, 953-960.  | 2.0 | 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. <i>Journal of Clinical Medicine</i> , 2020, 9, 914.      | 2.4 | 50        |
| 10 | 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.   | 3.0 | 16        |
| 11 | 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.  | 1.3 | 41        |
| 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.   | 3.4 | 34        |
| 13 | 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.             | 1.8 | 3         |
| 14 | 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.               | 2.1 | 32        |
| 15 | Relationship between mode of sport training and general cognitive performance. <i>Journal of Sport and Health Science</i> , 2017, 6, 89-95.   | 6.5 | 52        |
| 16 | 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.   | 2.4 | 72        |
| 17 | Combined Effects of Physical Activity and Obesity on Cognitive Function: Independent, Overlapping, Moderator, and Mediator Models. <i>Sports Medicine</i> , 2017, 47, 449-468.                                  | 6.5 | 36        |
| 18 | Acute Exercise and Neurocognitive Development in Preadolescents and Young Adults: An ERP Study. <i>Neural Plasticity</i> , 2017, 2017, 1-13.  | 2.2 | 29        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Exercise Modality Is Differentially Associated with Neurocognition in Older Adults. <i>Neural Plasticity</i> , 2017, 2017, 1-11.  | 2.2 | 18        |
| 20 | Obesity, Cardiovascular Fitness, and Inhibition Function: An Electrophysiological Study. <i>Frontiers in Psychology</i> , 2016, 07, 1124.   | 2.1 | 22        |
| 21 | 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. | 2.1 | 18        |
| 22 | Exercise and fitness modulate cognitive function in older adults.. <i>Psychology and Aging</i> , 2015, 30, 842-848.   | 1.6 | 39        |
| 23 | Dose-Response Relation between Exercise Duration and Cognition. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 159-165.   | 0.4 | 117       |
| 24 | 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.                             | 6.5 | 48        |
| 25 | Effect of acute exercise and cardiovascular fitness on cognitive function: An event-related cortical desynchronization study. <i>Psychophysiology</i> , 2015, 52, 342-351.                        | 2.4 | 78        |
| 26 | Effect of acute aerobic exercise on cognitive performance: Role of cardiovascular fitness. <i>Psychology of Sport and Exercise</i> , 2014, 15, 464-470.   | 2.1 | 81        |
| 27 | Executive Function During Acute Exercise: The Role of Exercise Intensity. <i>Journal of Sport and Exercise Psychology</i> , 2013, 35, 358-367.  | 1.2 | 44        |