

# Chun-Hao Wang, 王昶昊

## List of Publications by Year in descending order

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36  
papers

1,145  
citations

516215

16  
h-index

395343

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Coordinative Exercise on Sustained Attention and Perceptual Discrimination in Elementary School Physical Education. <i>Research Quarterly for Exercise and Sport</i> , 2023, 94, 948-958.	0.8	2
2	Acute effects of aerobic exercise on conflict suppression, response inhibition, and processing efficiency underlying inhibitory control processes: An <scp>ERP</scp> and <scp>SFT</scp> study. <i>Psychophysiology</i> , 2022, 59, e14032.	1.2	15
3	Acute effects of highly intense interval and moderate continuous exercise on the modulation of neural oscillation during working memory. <i>International Journal of Psychophysiology</i> , 2021, 160, 10-17.	0.5	19
4	Acute effects of aerobic exercise on response variability and neuroelectric indices during a serial n-back task. <i>Brain and Cognition</i> , 2020, 138, 105508.	0.8	25
5	Differential Modulation of Brain Signal Variability During Cognitive Control in Athletes with Different Domains of Expertise. <i>Neuroscience</i> , 2020, 425, 267-279.	1.1	9
6	ERP correlates of a flanker task with varying levels of analytic-holistic cognitive style. <i>Personality and Individual Differences</i> , 2020, 153, 109673.	1.6	16
7	Neural correlates of cognitive processing capacity in elite soccer players. <i>Biological Psychology</i> , 2020, 157, 107971.	1.1	11
8	Diffusion Tensor Imaging Revealing the Relation of Age-Related Differences in the Corpus Callosum With Cognitive Style. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 285.	1.0	3
9	The brains of elite soccer players are subject to experience-dependent alterations in white matter connectivity. <i>Cortex</i> , 2020, 132, 79-91.	1.1	5
10	The cognitive gains of exercise. <i>Nature Human Behaviour</i> , 2020, 4, 565-566.	6.2	9
11	From the Lab to the Field: Potential Applications of Dry EEG Systems to Understand the Brain-Behavior Relationship in Sports. <i>Frontiers in Neuroscience</i> , 2019, 13, 893.	1.4	19
12	An examination of age-related differences in attentional control by systems factorial technology. <i>Journal of Mathematical Psychology</i> , 2019, 92, 102280.	1.0	9
13	Cue-Driven Changes in Detection Strategies Reflect Trade-Offs in Strategic Efficiency. <i>Computational Brain &amp; Behavior</i> , 2019, 2, 109-127.	0.9	6
14	Aerobic exercise modulates transfer and brain signal complexity following cognitive training. <i>Biological Psychology</i> , 2019, 144, 85-98.	1.1	26
15	The influence of aerobic fitness on top-down and bottom-up mechanisms of interference control.. <i>Neuropsychology</i> , 2019, 33, 245-255.	1.0	24
16	Neural Oscillation Reveals Deficits in Visuospatial Working Memory in Children With Developmental Coordination Disorder. <i>Child Development</i> , 2017, 88, 1716-1726.	1.7	15
17	Neural Correlates of Expert Behavior During a Domain-Specific Attentional Cueing Task in Badminton Players. <i>Journal of Sport and Exercise Psychology</i> , 2017, 39, 209-221.	0.7	11
18	Motor expertise modulates neural oscillations and temporal dynamics of cognitive control. <i>NeuroImage</i> , 2017, 158, 260-270.	2.1	36

#	ARTICLE	IF	CITATIONS
19	Effects of acute aerobic exercise on a task-switching protocol and brain-derived neurotrophic factor concentrations in young adults with different levels of cardiorespiratory fitness. <i>Experimental Physiology</i> , 2016, 101, 836-850.	0.9	66
20	Physical Activity Is Associated With Greater Visuospatial Cognitive Functioning Regardless of the Level of Cognitive Load in Elderly Adults. <i>Journal of Sport and Exercise Psychology</i> , 2016, 38, 69-81.	0.7	13
21	The effects of different exercise types on visuospatial attention in the elderly. <i>Psychology of Sport and Exercise</i> , 2016, 26, 130-138.	1.1	25
22	The Relation Between Aerobic Fitness and Cognitive Performance. <i>Journal of Psychophysiology</i> , 2016, 30, 102-113.	0.3	12
23	The effects of long-term resistance exercise on the relationship between neurocognitive performance and GH, IGF-1, and homocysteine levels in the elderly. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 23.	1.0	114
24	Blending transcranial direct current stimulations and physical exercise to maximize cognitive improvement. <i>Frontiers in Psychology</i> , 2015, 6, 678.	1.1	15
25	The relationship between aerobic fitness and neural oscillations during visuo-spatial attention in young adults. <i>Experimental Brain Research</i> , 2015, 233, 1069-1078.	0.7	18
26	Frontal midline theta as a neurophysiological correlate for deficits of attentional orienting in children with developmental coordination disorder. <i>Psychophysiology</i> , 2015, 52, 801-812.	1.2	12
27	Modulation of brain oscillations during fundamental visuo-spatial processing: A comparison between female collegiate badminton players and sedentary controls. <i>Psychology of Sport and Exercise</i> , 2015, 16, 121-129.	1.1	31
28	Executive function and endocrinological responses to acute resistance exercise. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 262.	1.0	85
29	Impact of acute aerobic exercise and cardiorespiratory fitness on visuospatial attention performance and serum BDNF levels. <i>Psychoneuroendocrinology</i> , 2014, 41, 121-131.	1.3	134
30	The association of physical activity to neural adaptability during visuo-spatial processing in healthy elderly adults: A multiscale entropy analysis. <i>Brain and Cognition</i> , 2014, 92, 73-83.	0.8	27
31	Effects of Cardiorespiratory Fitness Enhancement on Deficits in Visuospatial Working Memory in Children with Developmental Coordination Disorder: A Cognitive Electrophysiological Study. <i>Archives of Clinical Neuropsychology</i> , 2014, 29, 173-185.	0.3	33
32	Temporal Preparation in Athletes: A Comparison of Tennis Players and Swimmers With Sedentary Controls. <i>Journal of Motor Behavior</i> , 2013, 45, 55-63.	0.5	33
33	Open vs. Closed Skill Sports and the Modulation of Inhibitory Control. <i>PLoS ONE</i> , 2013, 8, e55773.	1.1	176
34	Effects of exercise intervention on event-related potential and task performance indices of attention networks in children with developmental coordination disorder. <i>Brain and Cognition</i> , 2012, 79, 12-22.	0.8	58
35	An event-related potential and behavioral study of impaired inhibitory control in children with autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2011, 5, 1092-1102.	0.8	14
36	Deficits of visuospatial attention with reflexive orienting induced by eye-gazed cues in children with developmental coordination disorder in the lower extremities: An event-related potential study. <i>Research in Developmental Disabilities</i> , 2010, 31, 642-655.	1.2	19