

Shih-Chun Kao

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

977
citations

471061

17
h-index

476904

29
g-index

35
all docs

35
docs citations

35
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The relationship of muscular endurance and coordination and dexterity with behavioral and neuroelectric indices of attention in preschool children. <i>Scientific Reports</i> , 2022, 12, 7059.	1.6	1
3	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.	1.2	3
4	Systematic review of the acute and chronic effects of high-intensity interval training on executive function across the lifespan. <i>Journal of Sports Sciences</i> , 2021, 39, 10-22.	1.0	46
5	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
6	The Effect of Acute High-Intensity Interval Training on Executive Function: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3593.	1.2	35
7	Brain network modularity predicts changes in cortical thickness in children involved in a physical activity intervention. <i>Psychophysiology</i> , 2021, 58, e13890.	1.2	9
8	A systematic review of physical activity and cardiorespiratory fitness on P3b. <i>Psychophysiology</i> , 2020, 57, e13425.	1.2	62
9	Muscular fitness, motor competence, and processing speed in preschool children. <i>European Journal of Developmental Psychology</i> , 2020, 17, 415-431.	1.0	6
10	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
11	Brain Network Modularity Predicts Improvements in Cognitive and Scholastic Performance in Children Involved in a Physical Activity Intervention. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 346.	1.0	20
12	Greater childhood cardiorespiratory fitness is associated with better top-down cognitive control: A midfrontal theta oscillation study. <i>Psychophysiology</i> , 2020, 57, e13678.	1.2	8
13	The role of BMI on cognition following acute physical activity in preadolescent children. <i>Trends in Neuroscience and Education</i> , 2020, 21, 100143.	1.5	3
14	Combined and Isolated Effects of Acute Exercise and Brain Stimulation on Executive Function in Healthy Young Adults. <i>Journal of Clinical Medicine</i> , 2020, 9, 1410.	1.0	8
15	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
16	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
17	Effects of Exercise Modes on Neural Processing of Working Memory in Late Middle-Aged Adults: An fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 224.	1.7	19
18	Moving fast, thinking fast: The relations of physical activity levels and bouts to neuroelectric indices of inhibitory control in preadolescents. <i>Journal of Sport and Health Science</i> , 2019, 8, 301-314.	3.3	22

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19	A Large-Scale Reanalysis of Childhood Fitness and Inhibitory Control. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 170-192.	0.8	27
20	Effects of the FITKids physical activity randomized controlled trial on conflict monitoring in youth. <i>Psychophysiology</i> , 2018, 55, e13017.	1.2	26
21	Physical Activity Increases White Matter Microstructure in Children. <i>Frontiers in Neuroscience</i> , 2018, 12, 950.	1.4	78
22	The acute effects of high-intensity interval training and moderate-intensity continuous exercise on declarative memory and inhibitory control. <i>Psychology of Sport and Exercise</i> , 2018, 38, 90-99.	1.1	50
23	The Associations between Adiposity, Cognitive Function, and Achievement in Children. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1868-1874.	0.2	29
24	Scholastic performance and functional connectivity of brain networks in children. <i>PLoS ONE</i> , 2018, 13, e0190073.	1.1	26
25	The association between aerobic fitness and congruency sequence effects in preadolescent children. <i>Brain and Cognition</i> , 2017, 113, 85-92.	0.8	9
26	Comparison of the acute effects of high-intensity interval training and continuous aerobic walking on inhibitory control. <i>Psychophysiology</i> , 2017, 54, 1335-1345.	1.2	104
27	Muscular and Aerobic Fitness, Working Memory, and Academic Achievement in Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 500-508.	0.2	66
28	Aerobic Fitness Is Associated With Cognitive Control Strategy in Preadolescent Children. <i>Journal of Motor Behavior</i> , 2017, 49, 150-162.	0.5	17
29	Effects of the FITKids Randomized Controlled Trial on Cognitive Control and Conflict Monitoring in Children. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 308.	0.2	1
30	Differences in Sustained Attention Capacity as a Function of Aerobic Fitness. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 887-895.	0.2	38
31	Aerobic fitness is associated with greater hippocampal cerebral blood flow in children. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 52-58.	1.9	72
32	Cardiorespiratory And Muscular Fitness Is Related To Working Memory And Mathematics In Preadolescent Children. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1047-1048.	0.2	0
33	Neurofeedback Training Reduces Frontal Midline Theta and Improves Putting Performance in Expert Golfers. <i>Journal of Applied Sport Psychology</i> , 2014, 26, 271-286.	1.4	32
34	Frontal Midline Theta Is a Specific Indicator of Optimal Attentional Engagement During Skilled Putting Performance. <i>Journal of Sport and Exercise Psychology</i> , 2013, 35, 470-478.	0.7	41