

Kazuya Suwabe

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

959
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive effect of acute mild exercise on executive function via arousal-related prefrontal activations: An fNIRS study. <i>NeuroImage</i> , 2014, 98, 336-345.	2.1	287
2	A transferable high-intensity intermittent exercise improves executive performance in association with dorsolateral prefrontal activation in young adults. <i>NeuroImage</i> , 2018, 169, 117-125.	2.1	119
3	Rapid stimulation of human dentate gyrus function with acute mild exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10487-10492.	3.3	118
4	The association between aerobic fitness and cognitive function in older men mediated by frontal lateralization. <i>NeuroImage</i> , 2016, 125, 291-300.	2.1	86
5	Acute moderate exercise improves mnemonic discrimination in young adults. <i>Hippocampus</i> , 2017, 27, 229-234.	0.9	69
6	Acute Sprint Interval Exercise Increases Both Cognitive Functions and Peripheral Neurotrophic Factors in Humans: The Possible Involvement of Lactate. <i>Frontiers in Neuroscience</i> , 2019, 13, 1455.	1.4	60
7	Neural basis for reduced executive performance with hypoxic exercise. <i>NeuroImage</i> , 2018, 171, 75-83.	2.1	42
8	Aerobic fitness associates with mnemonic discrimination as a mediator of physical activity effects: evidence for memory flexibility in young adults. <i>Scientific Reports</i> , 2017, 7, 5140.	1.6	36
9	Hypoxia-induced lowered executive function depends on arterial oxygen desaturation. <i>Journal of Physiological Sciences</i> , 2018, 68, 847-853.	0.9	34
10	Possible influences of exercise-intensity-dependent increases in non-cortical hemodynamic variables on NIRS-based neuroimaging analysis during cognitive tasks: Technical note. <i>Journal of Exercise Nutrition & Biochemistry</i> , 2014, 18, 327-332.	1.3	23
11	Positive Mood while Exercising Influences Beneficial Effects of Exercise with Music on Prefrontal Executive Function: A Functional NIRS Study. <i>Neuroscience</i> , 2021, 454, 61-71.	1.1	21
12	Benefit of human moderate running boosting mood and executive function coinciding with bilateral prefrontal activation. <i>Scientific Reports</i> , 2021, 11, 22657.	1.6	20
13	The effectiveness of exercise intervention for academic achievement, cognitive function, and physical health among children in Mongolia: a cluster RCT study protocol. <i>BMC Public Health</i> , 2019, 19, 697.	1.2	13
14	Exercise Intervention for Academic Achievement Among Children: A Randomized Controlled Trial. <i>Pediatrics</i> , 2021, 148, .	1.0	11
15	Groove rhythm stimulates prefrontal cortex function in groove enjoyers. <i>Scientific Reports</i> , 2022, 12, 7377.	1.6	8
16	Exercise training and burdock root (<i>Arctium lappa</i> L.) extract independently improve abdominal obesity and sex hormones in elderly women with metabolic syndrome. <i>Scientific Reports</i> , 2021, 11, 5175.	1.6	7
17	Reply to Gronwald et al.: Exercise intensity does indeed matter; maximal oxygen uptake is the gold-standard indicator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11892-E11893.	3.3	5