

Nico Lehmann

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

239
citations

1478505

6
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Endurance Exercise as an “Endogenous” Neuro-enhancement Strategy to Facilitate Motor Learning. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 692.	2.0	62
2	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. <i>Neurobiology of Aging</i> , 2020, 88, 108-118.	3.1	43
3	The Contribution of Functional Magnetic Resonance Imaging to the Understanding of the Effects of Acute Physical Exercise on Cognition. <i>Brain Sciences</i> , 2020, 10, 175.	2.3	36
4	Colocalized White Matter Plasticity and Increased Cerebral Blood Flow Mediate the Beneficial Effect of Cardiovascular Exercise on Long-Term Motor Learning. <i>Journal of Neuroscience</i> , 2020, 40, 2416-2429.	3.6	33
5	Longitudinal Reproducibility of Neurite Orientation Dispersion and Density Imaging (NODDI) Derived Metrics in the White Matter. <i>Neuroscience</i> , 2021, 457, 165-185.	2.3	17
6	Interindividual differences in gray and white matter properties are associated with early complex motor skill acquisition. <i>Human Brain Mapping</i> , 2019, 40, 4316-4330.	3.6	16
7	Priming cardiovascular exercise improves complex motor skill learning by affecting the trajectory of learning-related brain plasticity. <i>Scientific Reports</i> , 2022, 12, 1107.	3.3	6
8	Brain Activation During Active Balancing and Its Behavioral Relevance in Younger and Older Adults: A Functional Near-Infrared Spectroscopy (fNIRS) Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 828474.	3.4	6
9	Elite Players Invest Additional Time for Making Better Embodied Choices. <i>Frontiers in Psychology</i> , 2022, 13, .	2.1	5
10	Reliability of Perceptual-Cognitive Skills in a Complex, Laboratory-Based Team-Sport Setting. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5203.	2.5	4
11	Differences in Decision-Making Behavior Between Elite and Amateur Team-Handball Players in a Near-Game Test Situation. <i>Frontiers in Psychology</i> , 2022, 13, 854208.	2.1	4
12	Test-retest reliability of multi-parametric maps (MPM) of brain microstructure. <i>NeuroImage</i> , 2022, 256, 119249.	4.2	3
13	Exercise-Induced Improvement in Motor Learning. , 2018, , 188-224.		2
14	Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. <i>Cerebral Cortex Communications</i> , 2020, 1, tga075.	1.6	2