Alexander TÃ¶rpel

List of Publications by Year
in descending order

Version: 2024-02-01

16 papers	482 citations	840119 11 h-index	940134 16 g-index
16 all docs	16 docs citations	16 times ranked	652 citing authors

#	Article	IF	Citations
1	Cortical hemodynamics as a function of handgrip strength and cognitive performance: a cross-sectional fNIRS study in younger adults. BMC Neuroscience, 2021, 22, 10.	0.8	14
2	Causes and Consequences of Interindividual Response Variability: A Call to Apply a More Rigorous Research Design in Acute Exercise-Cognition Studies. Frontiers in Physiology, 2021, 12, 682891.	1.3	16
3	Perspective of Dose and Response for Individualized Physical Exercise and Training Prescription. Journal of Functional Morphology and Kinesiology, 2020, 5, 48.	1.1	22
4	Effect of Resistance Training Under Normobaric Hypoxia on Physical Performance, Hematological Parameters, and Body Composition in Young and Older People. Frontiers in Physiology, 2020, 11, 335.	1.3	12
5	A Discussion on Different Approaches for Prescribing Physical Interventions â€“ Four Roads Lead to Rome, but Which One Should We Choose?. Journal of Personalized Medicine, 2020, 10, 55.	1.1	27
6	Does squatting need attention?â€”A dual-task study on cognitive resources in resistance exercise. PLoS ONE, 2020, 15, e0226431.	1.1	13
7	Functional and/or structural brain changes in response to resistance exercises and resistance training lead to cognitive improvements â€“ a systematic review. European Review of Aging and Physical Activity, 2019, 16, 10.	1.3	164
8	Doseâ€“response relationship of intermittent normobaric hypoxia to stimulate erythropoietin in the context of health promotion in young and old people. European Journal of Applied Physiology, 2019, 119, 1065-1074.	1.2	20
9	Strengthening the Brainâ€”Is Resistance Training with Blood Flow Restriction an Effective Strategy for Cognitive Improvement?. Journal of Clinical Medicine, 2018, 7, 337.	1.0	22
10	Intersession Reliability of Isokinetic Strength Testing in Knee and Elbow Extension and Flexion Using the BTE PrimusRS. Journal of Sport Rehabilitation, 2017, 26, .	0.4	10
11	Motor-cognitive dual-tasking under hypoxia. Experimental Brain Research, 2017, 235, 2997-3001.	0.7	4
12	The effect of physical exhaustion on gait stability in young and older individuals. Gait and Posture, 2016, 48, 137-139.	0.6	25
13	Effect of intermittent normobaric hypoxia on aerobic capacity and cognitive function in older people. Journal of Science and Medicine in Sport, 2016, 19, 941-945.	0.6	46
14	The reliability of local dynamic stability in walking while texting and performing an arithmetical problem. Gait and Posture, 2016, 44, 200-203.	0.6	21
15	Evaluation of a supervised multi-modal physical exercise program for prostate cancer survivors in the rehabilitation phase: Rationale and study protocol of the ProCaLife study. Contemporary Clinical Trials, 2015, 45, 311-319.	0.8	5
16	Effects of Intermittent Hypoxia on Cognitive Performance and Quality of Life in Elderly Adults: A Pilot Study. Gerontology, 2013, 59, 316-323.	1.4	61