

J Chris Mizelle

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

693
citations

567247

15
h-index

580810

25
g-index

29
all docs

29
docs citations

29
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Old Adults Perform Activities of Daily Living Near Their Maximal Capabilities. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, M453-M460.	3.6	294
2	Bilateral foot center of pressure measures predict hemiparetic gait velocity. <i>Gait and Posture</i> , 2006, 24, 356-363.	1.4	43
3	Context and hand posture modulate the neural dynamics of toolâ€œobject perception. <i>Neuropsychologia</i> , 2013, 51, 506-519.	1.6	33
4	Somatosensory electrical stimulation improves skill acquisition, consolidation, and transfer by increasing sensorimotor activity and connectivity. <i>Journal of Neurophysiology</i> , 2018, 120, 281-290.	1.8	31
5	Exercise-heat stress with and without water replacement alters brain structures and impairs visuomotor performance. <i>Physiological Reports</i> , 2018, 6, e13805.	1.7	29
6	Ventral encoding of functional affordances: A neural pathway for identifying errors in action. <i>Brain and Cognition</i> , 2013, 82, 274-282.	1.8	25
7	The Neuroscience of Storing and Molding Tool Action Concepts: How â€œPlasticâ€ is Grounded Cognition?. <i>Frontiers in Psychology</i> , 2010, 1, 195.	2.1	23
8	Preparatory band specific premotor cortical activity differentiates upper and lower extremity movement. <i>Experimental Brain Research</i> , 2007, 184, 121-126.	1.5	19
9	The relationships between physical capacity and biomechanical plasticity in old adults during level and incline walking. <i>Journal of Biomechanics</i> , 2018, 69, 90-96.	2.1	19
10	Electroencephalographic reactivity to unimodal and bimodal visual and proprioceptive demands in sensorimotor integration. <i>Experimental Brain Research</i> , 2010, 203, 659-670.	1.5	17
11	Neural activation for conceptual identification of correct versus incorrect toolâ€œobject pairs. <i>Brain Research</i> , 2010, 1354, 100-112.	2.2	17
12	How does the brain respond to unimodal and bimodal sensory demand in movement of the lower extremity?. <i>Experimental Brain Research</i> , 2007, 180, 345-354.	1.5	16
13	Why is that Hammer in My Coffee? A Multimodal Imaging Investigation of Contextually Based Tool Understanding. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 233.	2.0	16
14	Visual and proprioceptive feedback improves knee joint position sense. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 40-47.	4.2	15
15	Spectral and temporal electroencephalography measures reveal distinct neural networks for the acquisition, consolidation, and interlimb transfer of motor skills in healthy young adults. <i>Clinical Neurophysiology</i> , 2018, 129, 419-430.	1.5	15
16	Distinctive laterality of neural networks supporting action understanding in left- and right-handed individuals: An EEG coherence study. <i>Neuropsychologia</i> , 2015, 75, 20-29.	1.6	13
17	Remodeling of cortical activity for motor control following upper limb loss. <i>Clinical Neurophysiology</i> , 2016, 127, 3128-3134.	1.5	12
18	Forming Tool Use Representations: A Neurophysiological Investigation into Tool Exposure. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2920-2934.	2.3	11

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19	Theta frequency band activity and attentional mechanisms in visual and proprioceptive demand. <i>Experimental Brain Research</i> , 2010, 204, 189-197.	1.5	10
20	Reliability of Visual and Somatosensory Feedback in Skilled Movement: The Role of the Cerebellum. <i>Brain Topography</i> , 2016, 29, 27-41.	1.8	10
21	The Cognitive Demands of Gait Retraining in Runners: An EEG Study. <i>Journal of Motor Behavior</i> , 2020, 52, 360-371.	0.9	10
22	Testing perceptual limits of functional units: Are there "automatic" tendencies to associate tools and objects?. <i>Neuroscience Letters</i> , 2011, 488, 92-96.	2.1	7
23	Examination and Comparison of Theta Band Connectivity in Left- and Right-Hand Dominant Individuals throughout a Motor Skill Acquisition. <i>Symmetry</i> , 2021, 13, 728.	2.2	3
24	How can we improve our understanding of skillful motor control and apraxia? Insights from theories of "affordances". <i>Frontiers in Human Neuroscience</i> , 2014, 8, 612.	2.0	2
25	Impact Of Reduced Plantar Sensation On Balance Control. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 775-776.	0.4	2
26	Impact Of Hypohydration And Exercise-heat Stress On Brain Structure In Men And Women. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 566-567.	0.4	1
27	High Capacity Older Adults Exhibit More Biomechanical Plasticity than Low Capacity Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 738.	0.4	0
28	Fatigue Increases Center of Pressure Sway. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 634-634.	0.4	0
29	Dehydration Impairs Accuracy and Increases Brain Activity During a Rhythmic Bimanual Choice Reaction Time Task. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 558-559.	0.4	0