

Joshua G A Cashaback

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6531447/publications.pdf>

Version: 2024-02-01

22
papers

901
citations

758635

12
h-index

713013

21
g-index

24
all docs

24
docs citations

24
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Optimal Objective Function Weightings to Predict Lifting Postures Under Unfatigued and Fatigued States. <i>Human Factors</i> , 2024, 66, 510-527.	2.1	1
2	A response surface methodology to determine the optimal objective function weightings within a multi-objective optimization digital human model used to predict postures. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2023, 26, 187-198.	0.9	3
3	Humans utilize sensory evidence of others's intended action to make online decisions. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
4	Rapid Feedback Responses Parallel the Urgency of Voluntary Reaching Movements. <i>Neuroscience</i> , 2021, 475, 163-184.	1.1	10
5	Both fast and slow learning processes contribute to savings following sensorimotor adaptation. <i>Journal of Neurophysiology</i> , 2019, 121, 1575-1583.	0.9	48
6	The gradient of the reinforcement landscape influences sensorimotor learning. <i>PLoS Computational Biology</i> , 2019, 15, e1006839.	1.5	34
7	Neural signatures of reward and sensory error feedback processing in motor learning. <i>Journal of Neurophysiology</i> , 2019, 121, 1561-1574.	0.9	40
8	Somatosensory perceptual training enhances motor learning by observing. <i>Journal of Neurophysiology</i> , 2018, 120, 3017-3025.	0.9	18
9	Does the sensorimotor system minimize prediction error or select the most likely prediction during object lifting?. <i>Journal of Neurophysiology</i> , 2017, 117, 260-274.	0.9	19
10	Evaluating the Ergonomic Benefit of a Wrist Brace on Wrist Posture, Muscle Activity, Rotational Stiffness, and Peak Shovel-Ground Impact Force During a Simulated Tree-Planting Task. <i>Human Factors</i> , 2017, 59, 911-924.	2.1	4
11	Dissociating error-based and reinforcement-based loss functions during sensorimotor learning. <i>PLoS Computational Biology</i> , 2017, 13, e1005623.	1.5	66
12	Functional Plasticity in Somatosensory Cortex Supports Motor Learning by Observing. <i>Current Biology</i> , 2016, 26, 921-927.	1.8	35
13	Increase in joint stability at the expense of energy efficiency correlates with force variability during a fatiguing task. <i>Journal of Biomechanics</i> , 2015, 48, 621-626.	0.9	17
14	The human motor system alters its reaching movement plan for task-irrelevant, positional forces. <i>Journal of Neurophysiology</i> , 2015, 113, 2137-2149.	0.9	13
15	Altering the Shape of Punishment Distributions Affects Decision Making in a Modified Iowa Gambling Task. <i>Journal of Behavioral Decision Making</i> , 2014, 27, 170-178.	1.0	1
16	Musculotendon translational stiffness and muscle activity are modified by shear forces. <i>Clinical Biomechanics</i> , 2014, 29, 494-499.	0.5	6
17	Muscle fatigue and contraction intensity modulates the complexity of surface electromyography. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 78-83.	0.7	55
18	On the derivation of a tensor to calculate six degree-of-freedom, musculotendon joint stiffness: Implications for stability and impedance analyses. <i>Journal of Biomechanics</i> , 2013, 46, 2741-2744.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Calculating Individual and Total Muscular Translational Stiffness: A Knee Example. Journal of Biomechanical Engineering, 2013, 135, 61006-7.	0.6	7
20	Muscle time under tension during resistance exercise stimulates differential muscle protein subfractional synthetic responses in men. Journal of Physiology, 2012, 590, 351-362.	1.3	245
21	Knee muscle contributions to joint rotational stiffness. Human Movement Science, 2012, 31, 118-128.	0.6	11
22	Resistance exercise volume affects myofibrillar protein synthesis and anabolic signalling molecule phosphorylation in young men. Journal of Physiology, 2010, 588, 3119-3130.	1.3	248