Mu Qiao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5798742/publications.pdf

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19	300	933447 10	888059 17
papers	citations	h-index	g-index

19	19	19	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Leg joint function during walking acceleration and deceleration. Journal of Biomechanics, 2016, 49, 66-72.	2.1	50
2	Maneuvers during legged locomotion. Chaos, 2009, 19, 026105.	2.5	44
3	Aging effects on leg joint variability during walking with balance perturbations. Gait and Posture, 2018, 62, 27-33.	1.4	36
4	Effects of visual feedback and memory on unintentional drifts in performance during finger-pressing tasks. Experimental Brain Research, 2017, 235, 1149-1162.	1.5	23
5	Compensations for increased rotational inertia during human cutting turns. Journal of Experimental Biology, 2014, 217, 432-43.	1.7	20
6	Task-Level Strategies for Human Sagittal-Plane Running Maneuvers Are Consistent with Robotic Control Policies. PLoS ONE, 2012, 7, e51888.	2.5	20
7	Does local dynamic stability during unperturbed walking predict the response to balance perturbations? An examination across age and falls history. Gait and Posture, 2018, 62, 80-85.	1.4	16
8	Treadmill-based gait-slip training with reduced training volume could still prevent slip-related falls. Gait and Posture, 2018, 66, 160-165.	1.4	16
9	Compensations during Unsteady Locomotion. Integrative and Comparative Biology, 2014, 54, 1109-1121.	2.0	15
10	A model for differential leg joint function during human running. Bioinspiration and Biomimetics, 2017, 12, 016015.	2.9	11
11	Time-dependent tuning of balance control and aftereffects following optical flow perturbation training in older adults. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 81.	4.6	11
12	Relative importance of physical and psychological factors to slowness in people with mild to moderate multiple sclerosis. Multiple Sclerosis and Related Disorders, 2019, 27, 81-90.	2.0	10
13	Leg Joint Stiffness Affects Dynamics of Backward Falling From Standing Height: A Simulation Work. Journal of Biomechanical Engineering, 2020, 142, .	1.3	10
14	Effects of a single-session stance-slip perturbation training program on reducing risk of slip-related falls. Journal of Biomechanics, 2018, 72, 1-6.	2.1	6
15	Positional errors introduced by transient perturbations applied to a multi-joint limb. Neuroscience Letters, 2015, 595, 104-107.	2.1	3
16	Leg Joint Mechanics When Hopping at Different Frequencies. Journal of Applied Biomechanics, 2021, 37, 263-271.	0.8	3
17	How do the compliant legs affect walking stability. , 2017, , .		2
18	Visuomotor error augmentation affects mediolateral head and trunk stabilization during walking. Human Movement Science, 2019, 68, 102525.	1.4	2

#	Article	IF	Citations
19	The S-Shaped Performance Curve Prevails in Practicing Juggling. Journal of Motor Learning and Development, 2021, 9, 230-246.	0.4	2