Mu Qiao

List of Publications by Year
in descending order

19 papers	300 citations	933447 10 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	288 citing authors

#	Article	IF	Citations
1	Leg Joint Mechanics When Hopping at Different Frequencies. Journal of Applied Biomechanics, 2021, 37, 263-271.	0.8	3
2	The S-Shaped Performance Curve Prevails in Practicing Juggling. Journal of Motor Learning and Development, 2021, 9, 230-246.	0.4	2
3	Leg Joint Stiffness Affects Dynamics of Backward Falling From Standing Height: A Simulation Work. Journal of Biomechanical Engineering, 2020, 142, .	1.3	10
4	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
5	Visuomotor error augmentation affects mediolateral head and trunk stabilization during walking. Human Movement Science, 2019, 68, 102525.	1.4	2
6	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
7	Aging effects on leg joint variability during walking with balance perturbations. Gait and Posture, 2018, 62, 27-33.	1.4	36
8	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
9	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
10	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
11	A model for differential leg joint function during human running. Bioinspiration and Biomimetics, 2017, 12, 016015.	2.9	11
12	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
13	How do the compliant legs affect walking stability. , 2017, , .		2
14	Leg joint function during walking acceleration and deceleration. Journal of Biomechanics, 2016, 49, 66-72.	2.1	50
15	Positional errors introduced by transient perturbations applied to a multi-joint limb. Neuroscience Letters, 2015, 595, 104-107.	2.1	3
16	Compensations for increased rotational inertia during human cutting turns. Journal of Experimental Biology, 2014, 217, 432-43.	1.7	20
17	Compensations during Unsteady Locomotion. Integrative and Comparative Biology, 2014, 54, 1109-1121.	2.0	15
18	Task-Level Strategies for Human Sagittal-Plane Running Maneuvers Are Consistent with Robotic Control Policies. PLoS ONE, 2012, 7, e51888.	2.5	20

#	Article	IF	Citations
19	Maneuvers during legged locomotion. Chaos, 2009, 19, 026105.	2.5	44