Mengnan Wu

List of Publications by Year
in descending order

9 papers	**115** citations	1684188 **5** h-index	1474206 **9** g-index
9 all docs	**9** docs citations	**9** times ranked	**81** citing authors

#	Article	IF	Citations
1	A Versatile Emulator for Haptic Communication to Alter Human Gait Parameters. IEEE Robotics and Automation Letters, 2022, 7, 7335-7342.	5.1	1
2	Maximum Spectral Flatness Control of a Manipulandum for Human Motor System Identification. IEEE Robotics and Automation Letters, 2021, 6, 3271-3278.	5.1	2
3	Human-Human Hand Interactions Aid Balance During Walking by Haptic Communication. Frontiers in Robotics and AI, 2021, 8, 735575.	3.2	4
4	A novel Movement Amplification environment reveals effects of controlling lateral centre of mass motion on gait stability and metabolic cost. Royal Society Open Science, 2020, 7, 190889.	2.4	9
5	neurotic: Neuroscience Tool for Interactive Characterization. ENeuro, 2020, 7, ENEURO.0085-20.2020.	1.9	4
6	American Society of Biomechanics Journal of Biomechanics Award 2018: Adaptive motor planning of center-of-mass trajectory during goal-directed walking in novel environments. Journal of Biomechanics, 2019, 94, 5-12.	2.1	16
7	Gait variability following abrupt removal of external stabilization decreases with practice in incomplete spinal cord injury but increases in non-impaired individuals. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 4.	4.6	8
8	Stability-maneuverability trade-offs during lateral steps. Gait and Posture, 2017, 52, 171-177.	1.4	37
9	General and Specific Strategies Used to Facilitate Locomotor Maneuvers. PLoS ONE, 2015, 10, e0132707.	2.5	34