Yan To Ling

List of Publications by Year
in descending order

13 papers	127 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	166 citing authors

#	Article	IF	Citations
1	How Paretic and Non-Paretic Ankle Muscles Contract during Walking in Stroke Survivors: New Insight Using Novel Wearable Ultrasound Imaging and Sensing Technology. Biosensors, 2022, 12, 349.	4.7	6
2	How Does Lower Limb Respond to Unexpected Balance Perturbations? New Insights from Synchronized Human Kinetics, Kinematics, Muscle Electromyography (EMG) and Mechanomyography (MMG) Data. Biosensors, 2022, 12, 430.	4.7	6
3	Spinal deformity measurement using a low-density flexible array ultrasound transducer: A feasibility study with phantoms. Medicine in Novel Technology and Devices, 2021, 11, 100090.	1.6	3
4	Spinal Cord Injury: Lessons about Neuroplasticity from Paired Associative Stimulation. Neuroscientist, 2020, 26, 266-277.	3.5	14
5	Sonomechanomyography (SMMG): Mapping of Skeletal Muscle Motion Onset during Contraction Using Ultrafast Ultrasound Imaging and Multiple Motion Sensors. Sensors, 2020, 20, 5513.	3.8	10
6	Reversing 21Âyears of chronic paralysis via nonâ€‘invasive spinal cord neuromodulation: a case study. Annals of Clinical and Translational Neurology, 2020, 7, 829-838.	3.7	18
7	Restoration of arm and hand functions via noninvasive cervical cord neuromodulation after traumatic brain injury: a case study. Brain Injury, 2020, 34, 1771-1780.	1.2	7
8	121 A Newly-Developed Smart Insole System with Instant Reminder: Paves the Way towards Integrating Artificial Intelligence (AI) Technology to Improve Balance and Prevent Falls. Age and Ageing, 2019, 48, iv28-iv33.	1.6	1
9	Towards Wearable Comprehensive Capture and Analysis of Skeletal Muscle Activity during Human Locomotion. Sensors, 2019, 19, 195.	3.8	21
10	Measurement of neurovascular coupling in human motor cortex using simultaneous transcranial Doppler and electroencephalography. Physiological Measurement, 2018, 39, 065005.	2.1	2
11	Predicting Linear Elongation With Conductive Thread-Based Sensors. IEEE Sensors Journal, 2017, 17, 6537-6548.	4.7	4
12	Simulating Focused Ultrasound Transducers Using Discrete Sources on Regular Cartesian Grids. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 1535-1542.	3.0	33
13	A discrete source model for simulating bowl-shaped focused ultrasound transducers on regular grids. , 2015, , .		2