Levi Hargrove

List of Publications by Year
in descending order

11 papers	**966** citations	932766 **10** h-index	1281420 **11** g-index
13 all docs	**13** docs citations	**13** times ranked	**1021** citing authors

#	Article	IF	Citations
1	A training strategy to reduce classification degradation due to electrode displacements in pattern recognition based myoelectric control. Biomedical Signal Processing and Control, 2008, 3, 175-180.	3.5	228
2	Decoding a New Neural–Machine Interface for Control of Artificial Limbs. Journal of Neurophysiology, 2007, 98, 2974-2982.	0.9	185
3	High density electromyography data of normally limbed and transradial amputee subjects for multifunction prosthetic control. Journal of Electromyography and Kinesiology, 2012, 22, 478-484.	0.7	112
4	Targeted Muscle Reinnervation for the Upper and Lower Extremity. Techniques in Orthopaedics, 2017, 32, 109-116.	0.1	88
5	Fusion of Bilateral Lower-Limb Neuromechanical Signals Improves Prediction of Locomotor Activities. Frontiers in Robotics and AI, 2018, 5, 78.	2.0	50
6	Benchmark Datasets for Bilateral Lower-Limb Neuromechanical Signals from Wearable Sensors during Unassisted Locomotion in Able-Bodied Individuals. Frontiers in Robotics and AI, 2018, 5, 14.	2.0	43
7	The Effect of ECG Interference on Pattern-Recognition-Based Myoelectric Control for Targeted Muscle Reinnervated Patients. IEEE Transactions on Biomedical Engineering, 2009, 56, 2197-2201.	2.5	41
8	Control within a virtual environment is correlated to functional outcomes when using a physical prosthesis. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 60.	2.4	26
9	Estimation of distal arm joint angles from EMG and shoulder orientation for transhumeral prostheses. Journal of Electromyography and Kinesiology, 2017, 35, 86-94.	0.7	23
10	Volitional Control Research. , 2017, , 137-150.		2
11	Future Research Directions. Series in Medical Physics and Biomedical Engineering, 2013, , 165-184.	0.1	1