

# Levi Hargrove

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11712233/publications.pdf>

Version: 2024-02-01

11  
papers

966  
citations

932766

10  
h-index

1281420

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g-index

13  
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13  
docs citations

13  
times ranked

1021  
citing authors

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