Greydon Gilmore

List of Publications by Citations

15 papers	**98** citations	**6** h-index	**9** g-index
17 ext. papers	**137** ext. citations	**3.1** avg, IF	**2.78** L-index

#	Paper	IF	Citations
15	Characterization of multi-joint upper limb movements in a single task to assess bradykinesia. *Journal of the Neurological Sciences*, **2016**, 368, 337-42	3.2	15
14	Voice quality severity and responsiveness to levodopa in Parkinson's disease. *Journal of Communication Disorders*, **2018**, 76, 1-10	1.9	14
13	Direct visualization and characterization of the human zona incerta and surrounding structures. *Human Brain Mapping*, **2020**, 41, 4500-4517	5.9	12
12	Deep Brain Stimulation of the Subthalamic Nucleus Parameter Optimization for Vowel Acoustics and Speech Intelligibility in Parkinson's Disease. *Journal of Speech, Language, and Hearing Research*, **2018**, 61, 510-524	2.8	11
11	Effect of Levodopa on Speech Dysfluency in Parkinson's Disease. *Movement Disorders Clinical Practice*, **2019**, 6, 150-154	2.2	11
10	Image Guidance in Deep Brain Stimulation Surgery to Treat Parkinson's Disease: A Comprehensive Review. *IEEE Transactions on Biomedical Engineering*, **2021**, 68, 1024-1033	5	11
9	Zona incerta deep-brain stimulation in orthostatic tremor: efficacy and mechanism of improvement. *Journal of Neurology*, **2019**, 266, 2829-2837	5.5	6
8	Forward and backward walking in Parkinson disease: A factor analysis. *Gait and Posture*, **2019**, 74, 14-19	2.6	5
7	Effects of Deep Brain Stimulation of the Subthalamic Nucleus Settings on Voice Quality, Intensity, and Prosody in Parkinson's Disease: Preliminary Evidence for Speech Optimization. *Canadian Journal of Neurological Sciences*, **2019**, 46, 287-294	1	5
6	The current state of postoperative imaging in the presence of deep brain stimulation electrodes. *Movement Disorders*, **2017**, 32, 833-838	7	4
5	Extending convolutional neural networks for localizing the subthalamic nucleus from micro-electrode recordings in Parkinson's disease. *Biomedical Signal Processing and Control*, **2021**, 67, 102529	4.9	3
4	Application of the anatomical fiducials framework to a clinical dataset of patients with Parkinson's disease. *Brain Structure and Function*, **2021**, 1	4	0
3	Segmentation and detection of physical activities during a sitting task in Parkinson's disease participants using multiple inertial sensors. *Journal of Applied Biomedicine*, **2017**, 15, 282-290	0.6	
2	Letter to the Editor Regarding "Statistical Shape Analysis of Subthalamic Nucleus in Patients with Parkinson's Disease". *World Neurosurgery*, **2019**, 128, 629	2.1	
1	Image-Based Subthalamic Nucleus Segmentation for Deep Brain Surgery with Electrophysiology Aided Refinement. *Lecture Notes in Computer Science*, **2020**, 34-43	0.9	