Greydon Gilmore

List of Publications by Year
in descending order

15 papers	174 citations	1305906 8 h-index	1255698 13 g-index
17 all docs	17 docs citations	17 times ranked	315 citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the anatomical fiducials framework to a clinical dataset of patients with Parkinson's disease. Brain Structure and Function, 2022, 227, 393-405.	1.2	3
2	Image Guidance in Deep Brain Stimulation Surgery to Treat Parkinson's Disease: A Comprehensive Review. IEEE Transactions on Biomedical Engineering, 2021, 68, 1024-1033.	2.5	24
3	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.	3.5	6
4	Direct visualization and characterization of the human zona incerta and surrounding structures. Human Brain Mapping, 2020, 41, 4500-4517.	1.9	21
5	Image-Based Subthalamic Nucleus Segmentation for Deep Brain Surgery with Electrophysiology Aided Refinement. Lecture Notes in Computer Science, 2020, , 34-43.	1.0	1
6	Letter to the Editor Regarding "Statistical Shape Analysis of Subthalamic Nucleus in Patients with Parkinson's Disease". World Neurosurgery, 2019, 128, 629.	0.7	0
7	Zona incerta deep-brain stimulation in orthostatic tremor: efficacy and mechanism of improvement. Journal of Neurology, 2019, 266, 2829-2837.	1.8	12
8	Forward and backward walking in Parkinson disease: A factor analysis. Gait and Posture, 2019, 74, 14-19.	0.6	12
9	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.	0.3	7
10	Effect of Levodopa on Speech Dysfluency in Parkinson's Disease. Movement Disorders Clinical Practice, 2019, 6, 150-154.	0.8	14
11	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.	0.7	15
12	Voice quality severity and responsiveness to levodopa in Parkinson's disease. Journal of Communication Disorders, 2018, 76, 1-10.	0.8	24
13	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	1
14	The current state of postoperative imaging in the presence of deep brain stimulation electrodes. Movement Disorders, 2017, 32, 833-838.	2.2	8
15	Characterization of multi-joint upper limb movements in a single task to assess bradykinesia. Journal of the Neurological Sciences, 2016, 368, 337-342.	0.3	25