

Matthew N Petrucci

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

232
citations

1040056

9
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	White matter microstructure in Parkinson's disease with and without elevated rapid eye movement sleep muscle tone. <i>Brain Communications</i> , 2022, 4, fca027.	3.3	3
2	Concurrent stimulation and sensing in bi-directional brain interfaces: a multi-site translational experience. <i>Journal of Neural Engineering</i> , 2022, 19, 026025.	3.5	28
3	Quantitative Digitography Measures Motor Symptoms and Disease Progression in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1979-1990.	2.8	7
4	REM Sleep Without Atonia and Gait Impairment in People with Mild-to-Moderate Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 767-778.	2.8	9
5	Semi-automated approaches to optimize deep brain stimulation parameters in Parkinson's disease. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 83.	4.6	13
6	Lack of progression of beta dynamics after long-term subthalamic neurostimulation. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2110-2120.	3.7	15
7	Differential Effects of Pathological Beta Burst Dynamics Between Parkinson's Disease Phenotypes Across Different Movements. <i>Frontiers in Neuroscience</i> , 2021, 15, 733203.	2.8	15
8	Perspective: Evolution of Control Variables and Policies for Closed-Loop Deep Brain Stimulation for Parkinson's Disease Using Bidirectional Deep-Brain-Computer Interfaces. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 353.	2.0	25
9	A Closed-loop Deep Brain Stimulation Approach for Mitigating Burst Durations in People with Parkinson's Disease. , 2020, 2020, 3617-3620.		12
10	Morphological changes in the subthalamic nucleus of people with mild-to-moderate Parkinson's disease: a 7T MRI study. <i>Scientific Reports</i> , 2020, 10, 8785.	3.3	17
11	Neural closed-loop deep brain stimulation for freezing of gait. <i>Brain Stimulation</i> , 2020, 13, 1320-1322.	1.6	38
12	REM sleep without atonia is associated with increased rigidity in patients with mild to moderate Parkinson's disease. <i>Clinical Neurophysiology</i> , 2020, 131, 2008-2016.	1.5	15
13	A Neuromechanical Model of Reduced Dorsiflexor Torque During the Anticipatory Postural Adjustments of Gait Initiation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 2210-2216.	4.9	7
14	Modulation of anticipatory postural adjustments of gait using a portable powered ankle-foot orthosis. , 2013, 2013, 6650450.		8
15	Modulation of Beta Oscillations in the Pallidum During Externally Cued Gait. <i>Frontiers in Signal Processing</i> , 0, 2, .	1.7	0