

Petra Fischer

List of Publications by Year in descending order

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21
papers

672
citations

840728

11
h-index

794568

19
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29
all docs

29
docs citations

29
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Network Interactions for Flexible Cortico-Basal Ganglia-Mediated Action Control. <i>ENeuro</i> , 2021, 8, ENEURO.0009-21.2021.	1.9	3
2	Gait-Phase Modulates Alpha and Beta Oscillations in the Pedunculopontine Nucleus. <i>Journal of Neuroscience</i> , 2021, 41, 8390-8402.	3.6	11
3	EEG measures of sensorimotor processing and their development are abnormal in children with isolated dystonia and dystonic cerebral palsy. <i>NeuroImage: Clinical</i> , 2021, 30, 102569.	2.7	7
4	The Cumulative Effect of Transient Synchrony States on Motor Performance in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 1571-1580.	3.6	34
5	Entraining Stepping Movements of Parkinson's Patients to Alternating Subthalamic Nucleus Deep Brain Stimulation. <i>Journal of Neuroscience</i> , 2020, 40, 8964-8972.	3.6	12
6	The Effect of Unilateral Subthalamic Nucleus Deep Brain Stimulation on Contralateral Subthalamic Nucleus Local Field Potentials. <i>Neuromodulation</i> , 2020, 23, 509-514.	0.8	9
7	Movement-related coupling of human subthalamic nucleus spikes to cortical gamma. <i>ELife</i> , 2020, 9, .	6.0	21
8	Subthalamic beta-targeted neurofeedback speeds up movement initiation but increases tremor in Parkinsonian patients. <i>ELife</i> , 2020, 9, .	6.0	17
9	Beta Oscillation-Targeted Neurofeedback Training Based on Subthalamic LFPs in Parkinsonian Patients. , 2019, 2019, 81-84.		6
10	Subthalamic nucleus oscillations correlate with vulnerability to freezing of gait in patients with Parkinson's disease. <i>Neurobiology of Disease</i> , 2019, 132, 104605.	4.4	36
11	Beta synchrony in the cortico-basal ganglia network during regulation of force control on and off dopamine. <i>Neurobiology of Disease</i> , 2019, 127, 253-263.	4.4	16
12	Electrophysiological differences between upper and lower limb movements in the human subthalamic nucleus. <i>Clinical Neurophysiology</i> , 2019, 130, 727-738.	1.5	32
13	Decoding Movement States in Stepping Cycles Based on Subthalamic LFPs in Parkinsonian Patients. , 2018, 2018, 1384-1387.		9
14	Modulation of Beta Bursts in the Subthalamic Nucleus Predicts Motor Performance. <i>Journal of Neuroscience</i> , 2018, 38, 8905-8917.	3.6	113
15	Alternating Modulation of Subthalamic Nucleus Beta Oscillations during Stepping. <i>Journal of Neuroscience</i> , 2018, 38, 5111-5121.	3.6	66
16	Beta burst coupling across the motor circuit in Parkinson's disease. <i>Neurobiology of Disease</i> , 2018, 117, 217-225.	4.4	102
17	Subthalamic nucleus beta and gamma activity is modulated depending on the level of imagined grip force. <i>Experimental Neurology</i> , 2017, 293, 53-61.	4.1	31
18	Distinct mechanisms mediate speed-accuracy adjustments in cortico-subthalamic networks. <i>ELife</i> , 2017, 6, .	6.0	71

#	ARTICLE	IF	CITATIONS
19	Subthalamic nucleus gamma activity increases not only during movement but also during movement inhibition. <i>ELife</i> , 2017, 6, .	6.0	41
20	STN-DBS Reduces Saccadic Hypometria but Not Visuospatial Bias in Parkinson's Disease Patients. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 85.	2.0	12
21	High postâ€movement parietal lowâ€beta power during rhythmic tapping facilitates performance in a stop task. <i>European Journal of Neuroscience</i> , 2016, 44, 2202-2213.	2.6	20