Yulin

List of Publications by Year
in descending order

27 papers	319 citations	1040056 9 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	338 citing authors

#	Article	IF	Citations
1	Analysis of complexity and dynamic functional connectivity based on resting-state EEG in early Parkinson's disease patients with mild cognitive impairment. Cognitive Neurodynamics, 2022, 16, 309-323.	4.0	10
2	Analysis of Brain Functional Network Based on EEG Signals for Early-Stage Parkinson's Disease Detection. IEEE Access, 2022, 10, 21347-21358.	4.2	5
3	Decoding Digital Visual Stimulation From Neural Manifold With Fuzzy Leaning on Cortical Oscillatory Dynamics. Frontiers in Computational Neuroscience, 2022, 16, 852281.	2.1	4
4	Subthalamic and pallidal stimulation in Parkinson's disease induce distinct brain topological reconstruction. NeuroImage, 2022, 255, 119196.	4.2	2
5	An Accelerometer-based Wearable Multi-node Motion Detection System of Freezing of Gait in Parkinson's Disease. , 2022, , .		2
6	Closing the loop of DBS using the beta oscillations in cortex. Cognitive Neurodynamics, 2021, 15, 1157-1167.	4.0	7
7	Adaptive parameter modulation of deep brain stimulation in a computational model of basal ganglia–thalamic network. Nonlinear Dynamics, 2021, 106, 945-958.	5.2	7
8	Adaptive Parameter Modulation of Deep Brain Stimulation Based on Improved Supervisory Algorithm. Frontiers in Neuroscience, 2021, 15, 750806.	2.8	8
9	Deep learning reveals personalized spatial spectral abnormalities of high delta and low alpha bands in EEG of patients with early Parkinson's disease. Journal of Neural Engineering, 2021, 18, 066036.	3.5	14
10	Firing Rate Oscillation and Stochastic Resonance in Cortical Networks With Electrical–Chemical Synapses and Time Delay. IEEE Transactions on Fuzzy Systems, 2020, 28, 5-13.	9.8	12
11	Multiple Stochastic Resonances and Oscillation Transitions in Cortical Networks With Time Delay. IEEE Transactions on Fuzzy Systems, 2020, 28, 39-46.	9.8	10
12	Supervised Network-Based Fuzzy Learning of EEG Signals for Alzheimer's Disease Identification. IEEE Transactions on Fuzzy Systems, 2020, 28, 60-71.	9.8	61
13	Variation of functional brain connectivity in epileptic seizures: an EEG analysis with cross-frequency phase synchronization. Cognitive Neurodynamics, 2020, 14, 35-49.	4.0	33
14	Spatiotemporal EEG microstate analysis in drug-free patients with Parkinson's disease. NeuroImage: Clinical, 2020, 25, 102132.	2.7	44
15	The role of coupling connections in a model of the cortico-basal ganglia-thalamocortical neural loop for the generation of beta oscillations. Neural Networks, 2020, 123, 381-392.	5.9	16
16	Model Predictive Control for Seizure Suppression Based on Nonlinear Auto-Regressive Moving-Average Volterra Model. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2173-2183.	4.9	12
17	Neural Network-Based Closed-Loop Deep Brain Stimulation for Modulation of Pathological Oscillation in Parkinson's Disease. IEEE Access, 2020, 8, 161067-161079.	4.2	15
18	Parkinsonian State Online Modnlation based on BP Nenral Network. , 2020, , .		0

#	Article	IF	Citations
19	A Real-Time On-Demand Deep Brain Stimulation Device Design and Validation. , 2020, , .		0
20	Reconstructing Neural Network Topology from Firing Activity. , 2020, , .		1
21	Effect of DBS Targeting Striatum on beta Oscillations in Parkinson's Disease. , 2019, , .		1
22	Neural adaptive synchronization control of chaotic FitzHugh-Nagumo neurons in the external electrical stimulation. , 2019, , .		1
23	Nonlinear predictive control for adaptive adjustments of deep brain stimulation parameters in basal ganglia–thalamic network. Neural Networks, 2018, 98, 283-295.	5.9	19
24	Oscillations Induced by Brain Connectivity Changes in Basal ganglia-cortex Network. , 2018, , .		0
25	Closed-Loop Control Scheme to Control Epileptic Activity Based on UKF. , 2018, , .		0
26	Modulation of Parkinsonian State With Uncertain Disturbance Based on Sliding Mode Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2026-2034.	4.9	3
27	Adaptive Control of Parkinson's State Based on a Nonlinear Computational Model with Unknown Parameters. International Journal of Neural Systems, 2015, 25, 1450030.	5.2	32