

Yulin

List of Publications by Year in descending order

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27
papers

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all docs

27
docs citations

27
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Spatiotemporal EEG microstate analysis in drug-free patients with Parkinson's disease. NeuroImage: Clinical, 2020, 25, 102132.	2.7	44
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
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	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
13	Adaptive Parameter Modulation of Deep Brain Stimulation Based on Improved Supervisory Algorithm. Frontiers in Neuroscience, 2021, 15, 750806.	2.8	8
14	Closing the loop of DBS using the beta oscillations in cortex. Cognitive Neurodynamics, 2021, 15, 1157-1167.	4.0	7
15	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
16	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
17	Decoding Digital Visual Stimulation From Neural Manifold With Fuzzy Learning on Cortical Oscillatory Dynamics. Frontiers in Computational Neuroscience, 2022, 16, 852281.	2.1	4
18	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

#	ARTICLE	IF	CITATIONS
19	Subthalamic and pallidal stimulation in Parkinson's disease induce distinct brain topological reconstruction. <i>NeuroImage</i> , 2022, 255, 119196.	4.2	2
20	An Accelerometer-based Wearable Multi-node Motion Detection System of Freezing of Gait in Parkinson's Disease. , 2022, , .		2
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	Reconstructing Neural Network Topology from Firing Activity. , 2020, , .		1
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	Parkinsonian State Online Modulation based on BP Neural Network. , 2020, , .		0
27	A Real-Time On-Demand Deep Brain Stimulation Device Design and Validation. , 2020, , .		0