

Mehran Ahmadlou

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,016
citations

304368

22
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	A cell type-specific cortico-subcortical brain circuit for investigatory and novelty-seeking behavior. <i>Science</i> , 2021, 372, .	6.0	53
2	Contrast-Dependence of Temporal Frequency Tuning in Mouse V1. <i>Frontiers in Neuroscience</i> , 2020, 14, 868.	1.4	5
3	Long-term enhancement of visual responses by repeated transcranial electrical stimulation of the mouse visual cortex. <i>Brain Stimulation</i> , 2019, 12, 1421-1428.	0.7	2
4	Functional modulation of primary visual cortex by the superior colliculus in the mouse. <i>Nature Communications</i> , 2018, 9, 3895.	5.8	51
5	Complexity of weighted graph: A new technique to investigate structural complexity of brain activities with applications to aging and autism. <i>Neuroscience Letters</i> , 2017, 650, 103-108.	1.0	66
6	Thalamic inhibition regulates critical-period plasticity in visual cortex and thalamus. <i>Nature Neuroscience</i> , 2017, 20, 1715-1721.	7.1	60
7	Visual Cortex Limits Pop-Out in the Superior Colliculus of Awake Mice. <i>Cerebral Cortex</i> , 2017, 27, 5772-5783.	1.6	32
8	Neuroimaging Findings in Methamphetamine Abusers. <i>Journal of Addiction Research & Therapy</i> , 2016, 7, .	0.2	1
9	Preference for concentric orientations in the mouse superior colliculus. <i>Nature Communications</i> , 2015, 6, 6773.	5.8	74
10	Complexity of functional connectivity networks in mild cognitive impairment subjects during a working memory task. <i>Clinical Neurophysiology</i> , 2014, 125, 694-702.	0.7	121
11	Electroencephalograms in Diagnosis of Autism. , 2014, , 327-343.		2
12	Down syndrome's brain dynamics: analysis of fractality in resting state. <i>Cognitive Neurodynamics</i> , 2013, 7, 333-340.	2.3	8
13	Disrupted small-world brain network in children with Down Syndrome. <i>Clinical Neurophysiology</i> , 2013, 124, 1755-1764.	0.7	9
14	Spatiotemporal Analysis of Relative Convergence of EEGs Reveals Differences Between Brain Dynamics of Depressive Women and Men. <i>Clinical EEG and Neuroscience</i> , 2013, 44, 175-181.	0.9	127
15	Global organization of functional brain connectivity in methamphetamine abusers. <i>Clinical Neurophysiology</i> , 2013, 124, 1122-1131.	0.7	53
16	Linear and nonlinear analysis of brain dynamics in children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2013, 34, 1388-1396.	1.2	14
17	Brain activity of women is more fractal than men. <i>Neuroscience Letters</i> , 2013, 535, 7-11.	1.0	24
18	Graph Theoretical Analysis of Organization of Functional Brain Networks in ADHD. <i>Clinical EEG and Neuroscience</i> , 2012, 43, 5-13.	0.9	148

#	ARTICLE	IF	CITATIONS
19	Visibility graph similarity: A new measure of generalized synchronization in coupled dynamic systems. Physica D: Nonlinear Phenomena, 2012, 241, 326-332.	1.3	146
20	Improved visibility graph fractality with application for the diagnosis of Autism Spectrum Disorder. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 4720-4726.	1.2	160
21	Which attention-deficit/hyperactivity disorder children will be improved through neurofeedback therapy? A graph theoretical approach to neocortex neuronal network of ADHD. Neuroscience Letters, 2012, 516, 156-160.	1.0	22
22	Fractality analysis of frontal brain in major depressive disorder. International Journal of Psychophysiology, 2012, 85, 206-211.	0.5	228
23	Fuzzy Synchronization Likelihood-wavelet methodology for diagnosis of autism spectrum disorder. Journal of Neuroscience Methods, 2012, 211, 203-209.	1.3	140
24	Fuzzy Synchronization Likelihood with Application to Attention-Deficit/Hyperactivity Disorder. Clinical EEG and Neuroscience, 2011, 42, 6-13.	0.9	125
25	Fractality and a Wavelet-chaos-Methodology for EEG-based Diagnosis of Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2011, 25, 85-92.	0.6	158
26	Functional community analysis of brain: A new approach for EEG-based investigation of the brain pathology. NeuroImage, 2011, 58, 401-408.	2.1	154
27	Fractality and a Wavelet-Chaos-Neural Network Methodology for EEG-Based Diagnosis of Autistic Spectrum Disorder. Journal of Clinical Neurophysiology, 2010, 27, 328-333.	0.9	240
28	Detection of Attention Using Chaotic Global Features. Journal of Neuropsychiatry and Clinical Neurosciences, 2010, 22, 247.e20-247.e20.	0.9	4
29	New diagnostic EEG markers of the Alzheimer's disease using visibility graph. Journal of Neural Transmission, 2010, 117, 1099-1109.	1.4	272
30	Wavelet-Synchronization Methodology: A New Approach for EEG-Based Diagnosis of ADHD. Clinical EEG and Neuroscience, 2010, 41, 1-10.	0.9	197
31	Enhanced probabilistic neural network with local decision circles: A robust classifier. Integrated Computer-Aided Engineering, 2010, 17, 197-210.	2.5	320
32	Effect of cognitive task on delta and beta EEG synchronization. , 2010, , .		0