Abdol-Hossein Vahabie

List of Publications by Year
in descending order

21 papers	267 citations	1307594 7 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	275 citing authors

#	Article	IF	Citations
1	Multi-representational learning for Offline Signature Verification using Multi-Loss Snapshot Ensemble of CNNs. Expert Systems With Applications, 2019, 133, 317-330.	7.6	40
2	Effectiveness of Virtual/Augmented Reality–Based Therapeutic Interventions on Individuals With Autism Spectrum Disorder: A Comprehensive Meta-Analysis. Frontiers in Psychiatry, 2021, 12, 665326.	2.6	39
3	Temporal dynamics of visual category representation in the macaque inferior temporal cortex. Journal of Neurophysiology, 2016, 116, 587-601.	1.8	27
4	Dopaminergic Modulation of Synaptic Plasticity, Its Role in Neuropsychiatric Disorders, and Its Computational Modeling. Basic and Clinical Neuroscience, 2019, 10, 1-12.	0.6	24
5	A Scalable FPGA Architecture for Randomly Connected Networks of Hodgkin-Huxley Neurons. Frontiers in Neuroscience, 2018, 12, 698.	2.8	22
6	Combination of Singular Spectrum Analysis and Autoregressive Model for Short Term Load Forecasting. , 2007, , .		20
7	Spike-Timing-Dependent Plasticity Mediated by Dopamine and its Role in Parkinson's Disease Pathophysiology. Frontiers in Network Physiology, 2022, 2, .	1.8	18
8	Mutual Information Based Input Selection in Neuro-Fuzzy Modeling for Short Term Load Forecasting of Iran National Power System. , 2007, , .		14
9	Selective Changes in Noise Correlations Contribute to an Enhanced Representation of Saccadic Targets in Prefrontal Neuronal Ensembles. Cerebral Cortex, 2018, 28, 3046-3063.	2.9	13
10	Effects of methylphenidate on reinforcement learning depend on working memory capacity. Psychopharmacology, 2021, 238, 3569-3584.	3.1	12
11	The Origin of Abnormal Beta Oscillations in the Parkinsonian Corticobasal Ganglia Circuits. Parkinson's Disease, 2022, 2022, 1-13.	1.1	11
12	A digital hardware implementation of spiking neural networks with binary FORCE training. Neurocomputing, 2020, 412, 129-142.	5.9	6
13	A Combination Method for Short Term Load Forecasting Used in Iran Electricity Market by NeuroFuzzy, Bayesian and Finding Similar Days Methods. , 2008, , .		5
14	Impairment of perceptual closure in autism for vertex- but not edge-defined object images. Journal of Vision, 2016, 16, 10.	0.3	5
15	Input Selection Based on Information Theory for Constructing Predictor Models of Solar and Geomagnetic Activity Indices. Solar Physics, 2009, 258, 297-318.	2.5	3
16	Rapid face adaptation distributes representation in inferior-temporal cortex across time and neuronal dimensions. Scientific Reports, 2017, 7, 1709.	3.3	2
17	Digit ratio (2D:4D) a possible biomarker for cognitive style: A study on Iranian engineering and mathematics university students. Personality and Individual Differences, 2021, 172, 110575.	2.9	2
18	Short-term and long-term mate preference in men and women in an Iranian population. Scientific Reports, 2021, 11, 20752.	3.3	2

#	Article	IF	Citations
19	A Dynamic Bio-inspired Model of Categorization. Lecture Notes in Computer Science, 2012, , 160-167.	1.3	1
20	Selective impairment of perceptual closure in autism. Journal of Vision, 2016, 16, 477.	0.3	0
21	Neural signature of the perceptual decision in the neural population responses of the inferior temporal cortex. Scientific Reports, 2022, 12, .	3.3	0