

Abdelmalik Moujahid

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

703
citations

623188

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42
all docs

42
docs citations

42
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy balance in feedback synchronization of chaotic systems. <i>Physical Review E</i> , 2004, 69, 011606.	0.8	90
2	Facial expression recognition using tracked facial actions: Classifier performance analysis. <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 467-477.	4.3	88
3	Energy and information in Hodgkin-Huxley neurons. <i>Physical Review E</i> , 2011, 83, 031912.	0.8	80
4	Building detection from orthophotos using a machine learning approach: An empirical study on image segmentation and descriptors. <i>Expert Systems With Applications</i> , 2016, 58, 130-142.	4.4	47
5	FEEDBACK SYNCHRONIZATION OF CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2003, 13, 177-191.	0.7	44
6	Energy efficiency of information transmission by electrically coupled neurons. <i>BioSystems</i> , 2009, 97, 60-71.	0.9	41
7	Image-Based Delineation and Classification of Built Heritage Masonry. <i>Remote Sensing</i> , 2014, 6, 1863-1889.	1.8	41
8	Efficient synchronization of structurally adaptive coupled Hindmarsh-Rose neurons. <i>Chaos, Solitons and Fractals</i> , 2011, 44, 929-933.	2.5	35
9	Efficient and compact face descriptor for driver drowsiness detection. <i>Expert Systems With Applications</i> , 2021, 168, 114334.	4.4	34
10	Potential Involvement of Impaired BKCa Channel Function in Sensory Defensiveness and Some Behavioral Disturbances Induced by Unfamiliar Environment in a Mouse Model of Fragile X Syndrome. <i>Neuropsychopharmacology</i> , 2018, 43, 492-502.	2.8	28
11	Energy demands of diverse spiking cells from the neocortex, hippocampus, and thalamus. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 41.	1.2	24
12	A pyramid multi-level face descriptor: application to kinship verification. <i>Multimedia Tools and Applications</i> , 2019, 78, 9335-9354.	2.6	20
13	Toward graph-based semi-supervised face beauty prediction. <i>Expert Systems With Applications</i> , 2020, 142, 112990.	4.4	19
14	Efficient deep discriminant embedding: Application to face beauty prediction and classification. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 95, 103831.	4.3	18
15	ENERGY-LIKE FUNCTIONS FOR SOME DISSIPATIVE CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 2507-2521.	0.7	15
16	Metabolic efficiency with fast spiking in the squid axon. <i>Frontiers in Computational Neuroscience</i> , 2012, 6, 95.	1.2	15
17	Deep Learning with Discriminative Margin Loss for Cross-Domain Consumer-to-Shop Clothes Retrieval. <i>Sensors</i> , 2022, 22, 2660.	2.1	8
18	A Comparative Study of Image Segmentation Algorithms and Descriptors for Building Detection. , 2017, , 591-606.		7

#	ARTICLE	IF	CITATIONS
19	Nonzero error synchronization of chaotic systems via dynamic coupling. <i>Physica D: Nonlinear Phenomena</i> , 2003, 177, 39-49.	1.3	6
20	Energy analysis of bursting Hindmarsh-Rose neurons with time-delayed coupling. <i>Chaos, Solitons and Fractals</i> , 2022, 158, 112071.	2.5	6
21	Feature Extraction Using Block-based Local Binary Pattern for Face Recognition. <i>IS&T International Symposium on Electronic Imaging</i> , 2016, 28, 1-6.	0.3	5
22	Feature selection for spatially enhanced LBP: application to face recognition. <i>International Journal of Data Science and Analytics</i> , 2018, 5, 11-18.	2.4	5
23	Driver Drowsiness Detection in Facial Images. , 2018, , .		5
24	First approach to the analysis of spontaneous activity of mice based on Permutation Entropy. , 2015, , .		4
25	Parameterless Local Discriminant Embedding. <i>Neural Processing Letters</i> , 2013, 38, 53-67.	2.0	3
26	Energy Cost Reduction in the Synchronization of a Pair of Nonidentical Coupled Hindmarsh-Rose Neurons. <i>Advances in Intelligent and Soft Computing</i> , 2010, , 657-664.	0.2	3
27	Multi-View Graph Fusion for Semi-Supervised Learning: Application to Image-Based Face Beauty Prediction. <i>Algorithms</i> , 2022, 15, 207.	1.2	3
28	Multi-scale multi-block covariance descriptor with feature selection. <i>Neural Computing and Applications</i> , 2020, 32, 6283-6294.	3.2	2
29	On How Percolation Threshold Affects PSO Performance. <i>Lecture Notes in Computer Science</i> , 2012, , 509-520.	1.0	2
30	Object Classification using Hybrid Holistic Descriptors: Application to Building Detection in Aerial Orthophotos. <i>Polibits</i> , 0, 51, 11-17.	0.0	2
31	Energetic considerations on the dynamics of Hodgkin-Huxley neurons. , 2010, , .		1
32	Community structure in real-world networks from a non-parametrical synchronization-based dynamical approach. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 1171-1179.	2.5	1
33	Towards semantic segmentation of orthophoto images using graph-based community identification. <i>Neural Computing and Applications</i> , 2019, 31, 1155-1163.	3.2	1
34	Computing the Energy Cost of the Information Transmitted by Model Biological Neurons. , 2009, , .		0
35	Fine grained recognition of masonry walls for built heritage assessment. , 2015, , .		0
36	Unsupervised Image Segmentation via Graph-Based Community Detection. , 2018, , 83-97.		0

#	ARTICLE	IF	CITATIONS
37	A Comparison of Deterministic and Stochastic Susceptible-Infected-Susceptible (SIS) and Susceptible-Infected-Recovered (SIR) Models. Open Journal of Modelling and Simulation, 2021, 09, 246-258.	0.7	0
38	Multi-scale Multi-block Covariance Descriptor for a Compact Face Texture Representation: Application to Kinship Verification. Advances in Science, Technology and Innovation, 2021, , 39-49.	0.2	0
39	Chaotic Patterns in Crowd Simulation. Lecture Notes in Computer Science, 2011, , 408-415.	1.0	0
40	Place Recognition Using Image Retrieval with Covariance Descriptors. IS&T International Symposium on Electronic Imaging, 2016, 2016, 1-6.	0.3	0
41	An Empirical Study of Global Descriptors for Image-based Localization in Dense Urban Scenes. International Journal of Sensors, Wireless Communications and Control, 2016, 6, 142-152.	0.5	0