Alaa Sagheer

List of Publications by Year
in descending order

31 papers	**964** citations	1305906 **8** h-index	1051228 **16** g-index
31 all docs	**31** docs citations	**31** times ranked	**968** citing authors

#	Article	IF	Citations
1	Energy time series forecasting-analytical and empirical assessment of conventional and machine learning models. Journal of Intelligent and Fuzzy Systems, 2021, 40, 12477-12502.	0.8	11
2	Deep LSTM-Based Transfer Learning Approach for Coherent Forecasts in Hierarchical Time Series. Sensors, 2021, 21, 4379.	2.1	18
3	A Cloud-Based IoT Platform for Precision Control of Soilless Greenhouse Cultivation. Sensors, 2021, 21, 223.	2.1	36
4	A natural evolution optimization based deep learning algorithm for neurological disorder classification. Bio-Medical Materials and Engineering, 2020, 31, 73-94.	0.4	5
5	Information security through controlled quantum teleportation networks. Digital Communications and Networks, 2020, 6, 463-470.	2.7	7
6	A Novel Autonomous Perceptron Model for Pattern Classification Applications. Entropy, 2019, 21, 763.	1.1	53
7	Unsupervised Pre-training of a Deep LSTM-based Stacked Autoencoder for Multivariate Time Series Forecasting Problems. Scientific Reports, 2019, 9, 19038.	1.6	187
8	Time series forecasting of petroleum production using deep LSTM recurrent networks. Neurocomputing, 2019, 323, 203-213.	3.5	535
9	Teleportation with Multiple Accelerated Partners. Communications in Theoretical Physics, 2015, 64, 287-294.	1.1	3
10	An autonomous competitive learning algorithm using quantum hamming neural networks. , 2015, , .		5
11	Difference-Based Local Gradient Patterns for Image Representation. Lecture Notes in Computer Science, 2015, , 472-482.	1.0	1
12	Dominant LBP Considering Pattern Type for Facial Image Representation. Lecture Notes in Computer Science, 2015, , 252-263.	1.0	0
13	P1DSOM â€" A FAST SEARCH ALGORITHM FOR HIGH-DIMENSIONAL FEATURE SPACE PROBLEMS. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1459005.	0.7	1
14	Bimodal Speech Recognition for Robot Applications. Advances in Intelligent Systems and Computing, 2014, , 87-94.	0.5	0
15	Partially Occluded Pedestrian Classification using Three Stage Cascaded Classifier. , 2014, , .		0
16	Quantum coding in non-inertial frames. Quantum Information Processing, 2014, 13, 771-780.	1.0	11
17	Dynamics of multi-qubit states in non-inertial frames for quantum communication applications. Quantum Information and Computation, 2014, 14, 255-264.	0.1	3
18	Some properties of multi-qubit states in non-inertial frames. , 2013, , .		0

#	Article	IF	Citations
19	AVAS: Speech database for multimodal recognition applications. , 2013, , .		2
20	Partially occluded pedestrian classification using part-based classifiers and Restricted Boltzmann Machine model. , 2013, , .		5
21	An Effective Face Detection Algorithm Based on Skin Color Information. , 2012, , .		14
22	Integration of Face Detection and User Identification with Visual Speech Recognition. Lecture Notes in Computer Science, 2012, , 479-487.	1.0	1
23	Communication via quantum neural networks. , 2010, , .		5
24	Piecewise one dimensional Self Organizing Map for fast feature extraction. , 2010, , .		5
25	Improved SOM search algorithm for high-dimensional data with application to face recognition across pose and illumination. , 2010, , .		4
26	Face recognition across illumination. Artificial Life and Robotics, 2008, 12, 33-37.	0.7	9
27	Fast Feature Extraction Approach for Multi-Dimension Feature Space Problems. , 2006, , .		0
28	APPEARANCE FEATURE EXTRACTION VERSUS IMAGE TRANSFORM-BASED APPROACH FOR VISUAL SPEECH RECOGNITION. International Journal of Computational Intelligence and Applications, 2006, 06, 101-122.	0.6	7
29	Numerical treatment of multiobjective optimal control problems. Automatica, 2003, 39, 47-55.	3.0	15
30	Visual Speech Features Representation for Automatic Lip-Reading. , 0, , .		12
31	Hyper column model vs. fast DCT for feature extraction in visual arabic speech recognition. , 0, , .		9