Saleh Aly

List of Publications by Year
in descending order

		759233		677142
43 papers	798 citations	12 h-index		22 g-index
43 all docs	43 docs citations	43 times ranked		506 citing authors

#	Article	IF	Citations
1	Face recognition: challenges, achievements and future directions. IET Computer Vision, 2015, 9, 614-626.	2.0	134
2	User-Independent American Sign Language Alphabet Recognition Based on Depth Image and PCANet Features. IEEE Access, 2019, 7, 123138-123150.	4.2	81
3	DeepArSLR: A Novel Signer-Independent Deep Learning Framework for Isolated Arabic Sign Language Gestures Recognition. IEEE Access, 2020, 8, 83199-83212.	4.2	70
4	An Adaptive Image Steganography Method Based on Histogram of Oriented Gradient and PVD-LSB Techniques. IEEE Access, 2019, 7, 185189-185204.	4.2	53
5	An efficient data hiding method based on adaptive directional pixel value differencing (ADPVD). Multimedia Tools and Applications, 2018, 77, 14705-14723.	3.9	50
6	Deep Convolutional Self-Organizing Map Network for Robust Handwritten Digit Recognition. IEEE Access, 2020, 8, 107035-107045.	4.2	43
7	Unknown-Length Handwritten Numeral String Recognition Using Cascade of PCA-SVMNet Classifiers. IEEE Access, 2019, 7, 52024-52034.	4.2	36
8	Two-stream spatiotemporal feature fusion for human action recognition. Visual Computer, 2021, 37, 1821-1835.	3.5	35
9	Human action recognition using short-time motion energy template images and PCANet features. Neural Computing and Applications, 2020, 32, 12561-12574.	5.6	24
10	Arabic sign language fingerspelling recognition from depth and intensity images. , 2016, , .		23
11	Human action recognition using bag of global and local Zernike moment features. Multimedia Tools and Applications, 2019, 78, 24923-24953.	3.9	22
12	CU-Net: A New Improved Multi-Input Color U-Net Model for Skin Lesion Semantic Segmentation. IEEE Access, 2022, 10, 15539-15564.	4.2	22
13	Appearance-based Arabic Sign Language recognition using Hidden Markov Models. , 2014, , .		21
14	Human action recognition using three orthogonal planes with unsupervised deep convolutional neural network. Multimedia Tools and Applications, 2021, 80, 20019-20043.	3.9	21
15	Statistical Classification of Spatial Relationships among Mathematical Symbols. , 2009, , .		15
16	Face recognition under varying illumination using Mahalanobis self-organizing map. Artificial Life and Robotics, 2008, 13, 298-301.	1.2	14
17	An Effective Face Detection Algorithm Based on Skin Color Information. , 2012, , .		14
18	Partially occluded pedestrian classification using histogram of oriented gradients and local weighted linear kernel support vector machine. IET Computer Vision, 2014, 8, 620-628.	2.0	13

#	Article	IF	Citations
19	Identifying Subscripts and Superscripts in Mathematical Documents. Mathematics in Computer Science, 2008, 2, 195-209.	0.4	11
20	A color image steganography method based on ADPVD and HOG techniques. , 2020, , 17-40.		10
21	Face recognition across illumination. Artificial Life and Robotics, 2008, 12, 33-37.	1.2	9
22	Learning invariant local image descriptor using convolutional Mahalanobis self-organising map. Neurocomputing, 2014, 142, 239-247.	5.9	9
23	DGCUâ€"Net: A new dual gradient-color deep convolutional neural network for efficient skin lesion segmentation. Biomedical Signal Processing and Control, 2022, 77, 103829.	5.7	9
24	Arabic Sign Language Recognition Using Spatio-Temporal Local Binary Patterns and Support Vector Machine. Communications in Computer and Information Science, 2014, , 36-45.	0.5	8
25	Human Action Recognition based on Simple Deep Convolution Network PCANet. , 2020, , .		7
26	Visual feature extraction using variable map-dimension Hypercolumn Model. , 2008, , .		6
27	Robust Face Recognition Using Multiple Self-Organized Gabor Features and Local Similarity Matching. , 2010, , .		6
28	Blur-invariant traffic sign recognition using compact local phase quantization. , 2013, , .		5
29	Partially occluded pedestrian classification using part-based classifiers and Restricted Boltzmann Machine model. , 2013, , .		5
30	An effective human action recognition system based on Zernike moment features. , 2019, , .		5
31	Fusion of Multiple Simple Convolutional Neural Networks for Gender Classification. , 2020, , .		5
32	A Large-Scale Analysis of Mathematical Expressions for an Accurate Understanding of Their Structure. , 2008, , .		4
33	AVAS: Speech database for multimodal recognition applications. , 2013, , .		2
34	Self-Organized Gabor Features for Pose Invariant Face Recognition. Lecture Notes in Computer Science, 2009, , 733-742.	1.3	2
35	Self-organizing Map vs. Spectral Clustering on Visual Feature Extraction for Human Interface. , 2006, , .		1
36	Feature map sharing hypercolumn model for shift invariant face recognition. Artificial Life and Robotics, 2009, 14, 271-274.	1.2	1

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37	Automatic Classification of Spatial Relationships among Mathematical Symbols Using Geometric Features. IEICE Transactions on Information and Systems, 2009, E92-D, 2235-2243.	0.7	1
38	Integration of Face Detection and User Identification with Visual Speech Recognition. Lecture Notes in Computer Science, 2012, , 479-487.	1.3	1
39	Bimodal Speech Recognition for Robot Applications. Advances in Intelligent Systems and Computing, 2014, , 87-94.	0.6	0
40	Partially Occluded Pedestrian Classification using Three Stage Cascaded Classifier. , 2014, , .		0
41	Dimensionality Estimation for Self-Organizing Map by Using Spectral Clustering. Lecture Notes in Computer Science, 2008, , 1156-1163.	1.3	0
42	Learning Hierarchical Features Using Sparse Self-organizing Map Coding for Image Classification. Communications in Computer and Information Science, 2014, , 321-330.	0.5	0
43	Fusion of Global and Local Deep Features Using Bag of Words and VLAD Models for Human Activity Recognition. , 2020, , .		0