Yong Haur Tay

List of Publications by Year
in descending order

43 papers	832 citations	1306789 7 h-index	1473754 9 g-index
43 all docs	43 docs citations	43 times ranked	761 citing authors

#	Article	IF	Citations
1	Abnormal Event Detection in Videos Using Spatiotemporal Autoencoder. Lecture Notes in Computer Science, 2017, , 189-196.	1.0	309
2	Biometric cryptosystems: A new biometric key binding and its implementation for fingerprint minutiae-based representation. Pattern Recognition, 2016, 56, 50-62.	5.1	78
3	Generating Fixed-Length Representation From Minutiae Using Kernel Methods for Fingerprint Authentication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1415-1428.	5.9	65
4	Recognizing Human Gender in Computer Vision: A Survey. Lecture Notes in Computer Science, 2012, , 335-346.	1.0	60
5	Two-Stage License Plate Detection Using Gentle Adaboost and SIFT-SVM. , 2009, , .		36
6	A Comparative Study for Texture Classification Techniques on Wood Species Recognition Problem. , 2009, , .		29
7	A review of iris recognition algorithms. , 2008, , .		27
8	One-dimensional Grey-level Co-occurrence Matrices for texture classification. , 2008, , .		25
9	Detection of license plate characters in natural scene with MSER and SIFT unigram classifier. , 2010, , .		20
10	MyWood-ID. , 2018, , .		20
11	An effective segmentation method for iris recognition system. , 2008, , .		16
12	Rotational Invariant Wood Species Recognition through Wood Species Verification. , 2009, , .		15
13	A twoâ€dimensional random projected minutiae vicinity decompositionâ€based cancellable fingerprint template. Security and Communication Networks, 2014, 7, 1691-1701.	1.0	15
14	<title>Online writer identification using character prototypes distributions</title>. , 2008, , .		12
15	An offline cursive handwritten word recognition system. , 0, , .		11
16	Iris Verification Algorithm Based on Texture Analysis and its Implementation on DSP. , 2009, , .		10
17	Gabor Filters as Feature Images for Covariance Matrix on Texture Classification Problem. Lecture Notes in Computer Science, 2009, , 745-751.	1.0	10
18	Comparing Image Representations for Training a Convolutional Neural Network to Classify Gender. , 2013, , .		9

#	Article	IF	Citations
19	Local Chan-Vese segmentation for non-ideal visible wavelength iris images. , 2015, , .		9
20	Comparison of Fuzzy ARTMAP and MLP Neural Networks for Hand-Written Character Recognition. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 325-333.	0.4	7
21	Enhanced Image Super-Resolution Technique Using Convolutional Neural Network. Lecture Notes in Computer Science, 2013, , , 157-164.	1.0	7
22	Modeling financial ratios of Malaysian plantation stocks using Bayesian Networks. , 2012, , .		6
23	Online text independent writer identification using character prototypes distribution. , 2007, , .		5
24	Iris recognition algorithms based on texture analysis. , 2008, , .		5
25	Training strategy for convolutional neural networks in pedestrian gender classification. , 2017, , .		4
26	Improved convolutional networks in forest species identification task. Proceedings of SPIE, 2017, , .	0.8	4
27	An analytical handwritten word recognition system with word-level discriminant training. , 0, , .		3
28	DSP-Based Implementation and Optimization of an Iris Verification Algorithm Using Textural Feature. , 2009, , .		3
29	A preliminary study of the progress on using Bayesian Networks for educational assessment. , 2010, , .		2
30	A novel pedestrian detection and tracking with boosted HOG classifiers and Kalman filter. , 2016, , .		2
31	A Trainable Method For Iris Recognition Using Random Feature Points. , 2017, , .		2
32	Offline handwritten word recognition using a hybrid neural network and hidden Markov model. , 0, , .		1
33	On detecting spatially similar and dissimilar objects using AdaBoost. , 2008, , .		1
34	Solving VRPTW with delay route to satisfy clustering constraint. , 2011, , .		1
35	Causal Hidden Markov Model for view independent multiple silhouettes posture recognition. , 2011, , .		1
36	Estimating traffic condition using just a single image. , 2013, , .		1

#	Article	IF	Citations
37	Non-invertible analysis on Graph-based Hamming Embedding Transform for protecting fingerprint minutiae. , 2014, , .		1
38	A non-invertible Graph-based Hamming Embedding transform for fingerprint minutiae protection. , 2013, , .		0
39	Object occlusion and object removal detection. , 2013, , .		0
40	Small-angle approximation attack on angle-based many-to-one functions for biometric templates. , 2015, , .		0
41	Modeling video-based anomaly detection using deep architectures: Challenges and possibilities. , 2015, , .		0
42	Adaptive Image Super-Resolution with Neural Networks. Lecture Notes in Electrical Engineering, 2014, , 181-187.	0.3	0
43	Invariant Object Recognition Using Circular Pairwise Convolutional Networks. , 0, , 1232-1236.		0