

Wei-Yang Lin

List of Publications by Year in descending order

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35
papers

1,045
citations

1039406

9
h-index

940134

16
g-index

35
all docs

35
docs citations

35
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward automatic plant phenotyping: starting from leaf counting. <i>Multimedia Tools and Applications</i> , 2022, 81, 11865-11879.	2.6	3
2	Diagnosis of Polypoidal Choroidal Vasculopathy From Fluorescein Angiography Using Deep Learning. <i>Translational Vision Science and Technology</i> , 2022, 11, 6.	1.1	3
3	Moving Object Detection Through Image Bit-Planes Representation Without Thresholding. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 1404-1414.	4.7	12
4	A Novel Computer-Aided-Diagnosis System for Breast Ultrasound Images Based on BI-RADS Categories. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1830.	1.3	10
5	Temporally Coherent Illumination Normalization for Indocyanine Green Video Angiography. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 570-578.	3.9	0
6	Video-based human action and hand gesture recognition by fusing factored matrices of dual tensors. <i>Multimedia Tools and Applications</i> , 2017, 76, 7575-7594.	2.6	7
7	Moving object detection based on image bit-planes and co-occurrence matrix in video surveillance. , 2017, , .		0
8	Prognostic Analysis of Polypoidal Choroidal Vasculopathy Using an Image-Based Approach. , 2016, , .		1
9	Automatic Brain Extraction for T1-Weighted Magnetic Resonance Images Using Region Growing. , 2016, , .		1
10	Image bit-planes representation for moving object detection in real-time video surveillance. , 2016, , .		6
11	Human action recognition based on non-negative matrix factorization. , 2015, , .		2
12	Human detection using non-negative matrix factorization. , 2015, , .		0
13	Image retargeting using RGB-D camera. <i>Multimedia Tools and Applications</i> , 2015, 74, 3155-3170.	2.6	3
14	Automatic Segmentation of Polypoidal Choroidal Vasculopathy from Indocyanine Green Angiography Using Spatial and Temporal Patterns. <i>Translational Vision Science and Technology</i> , 2015, 4, 7.	1.1	8
15	A multimedia presentation system using a 3D gesture interface in museums. <i>Multimedia Tools and Applications</i> , 2014, 69, 53-77.	2.6	7
16	A novel framework for automatic 3D face recognition using quality assessment. <i>Multimedia Tools and Applications</i> , 2014, 68, 877-893.	2.6	8
17	Facial expression recognition using bag of distances. <i>Multimedia Tools and Applications</i> , 2014, 73, 309-326.	2.6	11
18	Real-time automatic fiducial marker tracking in low contrast cine- μ CT images. <i>Medical Physics</i> , 2013, 40, 011715.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Kernel-based representation for 2D/3D motion trajectory retrieval and classification. Pattern Recognition, 2013, 46, 662-670.	5.1	19
20	Automatic facial expression recognition for affective computing based on bag of distances. , 2013, , .		6
21	Real-time marker tracking for MV treatment beam imaging. , 2013, , .		0
22	Human action classification using histogram-based discriminative embedding. , 2012, , .		0
23	Automatic quality assessment and preprocessing for three-dimensional face recognition. , 2012, , .		1
24	Human-oriented interaction with a TOF sensor. , 2012, , .		0
25	An enhanced biometric score fusion scheme based on the AdaBoost algorithm. , 2012, , .		1
26	Machine Learning in Financial Crisis Prediction: A Survey. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 421-436.	3.3	173
27	Recognizing human actions using curvature estimation and NWFE-based histogram vectors. , 2011, , .		1
28	Robust and Accurate Curvature Estimation Using Adaptive Line Integrals. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	9
29	Automatic characterization and segmentation of classic choroidal neovascularization using Adaboost for supervised learning. , 2010, , .		1
30	U-Garden: An interactive control system for multimodal presentation in museum. , 2010, , .		1
31	Intrusion detection by machine learning: A review. Expert Systems With Applications, 2009, 36, 11994-12000.	4.4	709
32	Video-based person authentication with random passwords. , 2008, , .		3
33	Planar-projective summation invariant features for camera networks. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
34	Fusion of Multiple Facial Regions for Expression-Invariant Face Recognition. , 2007, , .		5
35	Optimal Linear Combination of Facial Regions for Improving Identification Performance. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1138-1148.	5.5	16