

Jianguo Zhang

List of Publications by Year in descending order

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66
papers

3,586
citations

361413

20
h-index

276875

41
g-index

69
all docs

69
docs citations

69
times ranked

3706
citing authors

#	ARTICLE	IF	CITATIONS
1	Detect Faces Efficiently: A Survey and Evaluations. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2022, 4, 1-18.	4.4	21
2	Limited One-time Sampling Irregularity Map (LOTS-IM) for Automatic Unsupervised Assessment of White Matter Hyperintensities and Multiple Sclerosis Lesions in Structural Brain Magnetic Resonance Images. Computerized Medical Imaging and Graphics, 2020, 79, 101685.	5.8	12
3	Counterfeit Anomaly Using Generative Adversarial Network for Anomaly Detection. IEEE Access, 2020, 8, 133051-133062.	4.2	8
4	TEA: Temporal Excitation and Aggregation for Action Recognition. , 2020, , .		297
5	Adversarial Convolutional Networks with Weak Domain-Transfer for Multi-sequence Cardiac MR Images Segmentation. Lecture Notes in Computer Science, 2020, , 317-325.	1.3	6
6	Deep Class-Specific Affinity-Guided Convolutional Network for Multimodal Unpaired Image Segmentation. Lecture Notes in Computer Science, 2020, , 187-196.	1.3	6
7	Early Action Prediction by Soft Regression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2568-2583.	13.9	71
8	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568.	8.9	165
9	Progressive Teacher-Student Learning for Early Action Prediction. , 2019, , .		78
10	Mixed Supervised Object Detection with Robust Objectness Transfer. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 639-653.	13.9	17
11	Multi-scale Convolutional-Stack Aggregation for Robust White Matter Hyperintensities Segmentation. Lecture Notes in Computer Science, 2019, , 199-207.	1.3	1
12	DiamondGAN: Unified Multi-modal Generative Adversarial Networks for MRI Sequences Synthesis. Lecture Notes in Computer Science, 2019, , 795-803.	1.3	36
13	External validation of ADO, DOSE, COTE and CODEX at predicting death in primary care patients with COPD using standard and machine learning approaches. Respiratory Medicine, 2018, 138, 150-155.	2.9	24
14	Texture analysis- and support vector machine-assisted diffusional kurtosis imaging may allow in vivo gliomas grading and IDH-mutation status prediction: a preliminary study. Scientific Reports, 2018, 8, 6108.	3.3	52
15	Global-Local Temporal Saliency Action Prediction. IEEE Transactions on Image Processing, 2018, 27, 2272-2285.	9.8	24
16	Structure Prediction for Gland Segmentation With Hand-Crafted and Deep Convolutional Features. IEEE Transactions on Medical Imaging, 2018, 37, 210-221.	8.9	36
17	Discriminative Learning of Latent Features for Zero-Shot Recognition. , 2018, , .		104
18	Multimodal Egocentric Analysis of Focused Interactions. IEEE Access, 2018, 6, 37493-37505.	4.2	13

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19	Fully convolutional network ensembles for white matter hyperintensities segmentation in MR images. <i>NeuroImage</i> , 2018, 183, 650-665.	4.2	155
20	Deep Bilinear Learning for RGB-D Action Recognition. <i>Lecture Notes in Computer Science</i> , 2018, , 346-362.	1.3	55
21	Jointly Learning Heterogeneous Features for RGB-D Activity Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2017, 39, 2186-2200.	13.9	133
22	Boundary-Aware Fully Convolutional Network for Brain Tumor Segmentation. <i>Lecture Notes in Computer Science</i> , 2017, , 433-441.	1.3	52
23	Finding Time Together: Detection and Classification of Focused Interaction in Egocentric Video. , 2017, , .		3
24	Fully connected CRF with data-driven prior for multi-class brain tumor segmentation. , 2017, , .		9
25	Efficient symmetry-driven fully convolutional network for multimodal brain tumor segmentation. , 2017, , .		26
26	Beyond Triplet Loss: A Deep Quadruplet Network for Person Re-identification. , 2017, , .		778
27	Multi-task Fully Convolutional Network for Brain Tumour Segmentation. <i>Communications in Computer and Information Science</i> , 2017, , 239-248.	0.5	14
28	HEp-2 specimen classification via deep CNNs and pattern histogram. , 2016, , .		2
29	Gland segmentation in colon histology images using hand-crafted features and convolutional neural networks. , 2016, , .		38
30	Local structure prediction for gland segmentation. , 2016, , .		6
31	Scene image classification method based on Alex-Net model. , 2016, , .		17
32	Cross-Scenario Transfer Person Reidentification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016, 26, 1447-1460.	8.3	57
33	An automated pattern recognition system for classifying indirect immunofluorescence images of HEp-2 cells and specimens. <i>Pattern Recognition</i> , 2016, 51, 12-26.	8.1	70
34	HEp-2 cells staining patterns classification via wavelet scattering network and random forest. , 2015, , .		3
35	Jointly learning heterogeneous features for RGB-D activity recognition. , 2015, , .		261
36	Learning Person-€Person Interaction in Collective Activity Recognition. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 1905-1918.	9.8	29

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37	Efficient Video Stitching Based on Fast Structure Deformation. IEEE Transactions on Cybernetics, 2015, 45, 2707-2719.	9.5	34
38	Discriminating dysplasia: Optical tomographic texture analysis of colorectal polyps. Medical Image Analysis, 2015, 26, 57-69.	11.6	10
39	Human Action Recognition by Random Features and Hand-Crafted Features: A Comparative Study. Lecture Notes in Computer Science, 2015, , 14-28.	1.3	3
40	HEp-2 Cell Classification Using Multi-resolution Local Patterns and Ensemble SVMs. , 2014, , .		22
41	HEp-2 Specimen Classification Using Multi-resolution Local Patterns and SVM. , 2014, , .		6
42	Using a Discrete Hidden Markov Model Kernel for lip-based biometric identification. Image and Vision Computing, 2014, 32, 1080-1089.	4.5	13
43	Gait Based Gender Recognition Using Sparse Spatio Temporal Features. Lecture Notes in Computer Science, 2014, , 80-91.	1.3	1
44	Angle consistency for registration between catadioptric omniâ€ images and orthorectified aerial images. IET Image Processing, 2013, 7, 343-354.	2.5	1
45	Gender classification via lips: static and dynamic features. IET Biometrics, 2013, 2, 28-34.	2.5	10
46	Classification of colorectal polyp regions in optical projection tomography. , 2013, , .		5
47	Height estimation of urban buildings using angle consistency of borderlines of roofs. , 2013, , .		0
48	Learning from Partially Annotated OPT Images by Contextual Relevance Ranking. Lecture Notes in Computer Science, 2013, 16, 429-436.	1.3	1
49	Relevance feedback for real-world human action retrieval. Pattern Recognition Letters, 2012, 33, 446-452.	4.2	38
50	Human action segmentation and recognition via motion and shape analysis. Pattern Recognition Letters, 2012, 33, 438-445.	4.2	106
51	Bimodal biometric verification based on face and lips. Neurocomputing, 2011, 74, 2407-2410.	5.9	17
52	Modeling and representing events in multimedia. , 2011, , .		5
53	Fusion of Motion and Appearance for Robust People Detection in Cluttered Scenes. Studies in Computational Intelligence, 2011, , 111-124.	0.9	0
54	Action categorization by structural probabilistic latent semantic analysis. Computer Vision and Image Understanding, 2010, 114, 857-864.	4.7	30

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55	Action categorization with modified hidden conditional random field. Pattern Recognition, 2010, 43, 197-203.	8.1	69
56	Intelligent Sensor Information System For Public Transport – To Safely Go…. , 2010, , .		12
57	Inter-frame contextual modelling for visual speech recognition. , 2010, , .		2
58	AN investigation into features for multi-view lipreading. , 2010, , .		13
59	Full body image feature representations for gender profiling. , 2009, , .		40
60	People detection in low-resolution video with non-stationary background. Image and Vision Computing, 2009, 27, 437-443.	4.5	10
61	Hidden Conditional Random Fields for Visual Speech Recognition. , 2009, , .		1
62	Poisson Kalman Particle Filtering for Tracking Centrosomes in Low-Light 3-D Confocal Image Sequences. , 2009, , .		1
63	Biometric Identification Using Motion History Images of a Speaker's Lip Movements. , 2008, , .		12
64	Affine invariant classification and retrieval of texture images. Pattern Recognition, 2003, 36, 657-664.	8.1	13
65	Brief review of invariant texture analysis methods. Pattern Recognition, 2002, 35, 735-747.	8.1	374
66	Local Features and Kernels for Classification of Texture and Object Categories: A Comprehensive Study. , 0, , .		34