

Weigang Zhang

List of Publications by Year in descending order

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66
papers

1,312
citations

840119

11
h-index

525886

27
g-index

66
all docs

66
docs citations

66
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	The Unmanned Aerial Vehicle Benchmark: Object Detection and Tracking. Lecture Notes in Computer Science, 2018, , 375-391.	1.0	299
2	Less Is More: Picking Informative Frames for Video Captioning. Lecture Notes in Computer Science, 2018, , 367-384.	1.0	130
3	Improving multi-label classification with missing labels by learning label-specific features. Information Sciences, 2019, 492, 124-146.	4.0	105
4	The Unmanned Aerial Vehicle Benchmark: Object Detection, Tracking and Baseline. International Journal of Computer Vision, 2020, 128, 1141-1159.	10.9	91
5	Dependency Exploitation: A Unified CNN-RNN Approach for Visual Emotion Recognition. , 2017, , .		84
6	Deep Unsupervised Convolutional Domain Adaptation. , 2017, , .		73
7	Split Multiplicative Multi-View Subspace Clustering. IEEE Transactions on Image Processing, 2019, 28, 5147-5160.	6.0	70
8	SkeletonNet: A Hybrid Network With a Skeleton-Embedding Process for Multi-View Image Representation Learning. IEEE Transactions on Multimedia, 2019, 21, 2916-2929.	5.2	38
9	Effective Multimodality Fusion Framework for Cross-Media Topic Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 556-569.	5.6	30
10	Cross-media topic detection: A multi-modality fusion framework. , 2013, , .		27
11	Unsupervised Web Topic Detection Using A Ranked Clustering-Like Pattern Across Similarity Cascades. IEEE Transactions on Multimedia, 2015, 17, 843-853.	5.2	25
12	A Graph Regularized Deep Neural Network for Unsupervised Image Representation Learning. , 2017, , .		25
13	Group sensitive Classifier Chains for multi-label classification. , 2015, , .		19
14	Video Shot Detection Using Hidden Markov Models with Complementary Features. , 0, , .		17
15	Web video thumbnail recommendation with content-aware analysis and query-sensitive matching. Multimedia Tools and Applications, 2014, 73, 547-571.	2.6	16
16	Robust sea-sky-line detection for complex sea background. , 2015, , .		16
17	Online web video topic detection and tracking with semi-supervised learning. Multimedia Systems, 2016, 22, 115-125.	3.0	15
18	Multi-Label Image Classification with Attention Mechanism and Graph Convolutional Networks. , 2019, , .		15

#	ARTICLE	IF	CITATIONS
19	Fusing cross-media for topic detection by dense keyword groups. Neurocomputing, 2015, 169, 169-179.	3.5	13
20	Action Recognition Using Form and Motion Modalities. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16.	3.0	12
21	Unsupervised sports video scene clustering and its applications to story units detection. , 2005, , .		11
22	Video image mosaic implement based on planar-mirror-based catadioptric system. Signal, Image and Video Processing, 2014, 8, 1007-1014.	1.7	11
23	Topic detection in cross-media: a semi-supervised co-clustering approach. International Journal of Multimedia Information Retrieval, 2014, 3, 193-205.	3.6	11
24	Bilevel Multiview Latent Space Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 327-341.	5.6	11
25	COME for No-Reference Video Quality Assessment. , 2018, , .		11
26	Online low-rank similarity function learning with adaptive relative margin for cross-modal retrieval. , 2017, , .		10
27	Iris Liveness Detection: A Survey. , 2018, , .		10
28	Robust Latent Poisson Deconvolution From Multiple Features for Web Topic Detection. IEEE Transactions on Multimedia, 2016, 18, 2482-2493.	5.2	9
29	Vehicle Detection in UAV Traffic Video Based on Convolution Neural Network. , 2018, , .		9
30	Beyond global fusion: A group-aware fusion approach for multi-view image clustering. Information Sciences, 2019, 493, 176-191.	4.0	9
31	Cross-media topic detection associated with hot search queries. , 2013, , .		7
32	Learning Label-Specific Features for Multi-Label Classification with Missing Labels. , 2018, , .		7
33	Extracting Story Units in Sports Video Based on Unsupervised Video Scene Clustering. , 2006, , .		6
34	Saliency-Based Spatiotemporal Attention for Video Captioning. , 2018, , .		6
35	Graph Regularized Encoder-Decoder Networks for Image Representation Learning. IEEE Transactions on Multimedia, 2021, 23, 3124-3136.	5.2	6
36	Reverse Densely Connected Feature Pyramid Network for Object Detection. Lecture Notes in Computer Science, 2019, , 530-545.	1.0	5

#	ARTICLE	IF	CITATIONS
37	Coarse-to-Fine Dissolve Detection Based on Image Quality Assessment. , 2013, , 277-287.		5
38	A scheme for racquet sports video analysis with the combination of audio-visual information. , 2005, 5960, 259.		4
39	Online learning affinity measure with CovBoost for multi-target tracking. Neurocomputing, 2015, 168, 327-335.	3.5	4
40	Rotative maximal pattern: A local coloring descriptor for object classification and recognition. Information Sciences, 2017, 405, 190-206.	4.0	4
41	A Novel Framework for Web Video Thumbnail Generation. , 2012, , .		3
42	DA-CCD: A novel action representation by Deep Architecture of local depth feature. , 2014, , .		3
43	Online dictionary learning for Local Coordinate Coding with Locality Coding Adaptors. Neurocomputing, 2015, 157, 61-69.	3.5	3
44	Accelerate convolutional neural networks for binary classification via cascading cost-sensitive feature. , 2016, , .		3
45	A Structured Latent Variable Recurrent Network With Stochastic Attention For Generating Weibo Comments. , 2020, , .		3
46	Self-balance Motion and Appearance Model for Multi-object Tracking in UAV. , 2019, , .		3
47	GOMES: A group-aware multi-view fusion approach towards real-world image clustering. , 2015, , .		2
48	Local Laplacian Coding From Theoretical Analysis of Local Coding Schemes for Locally Linear Classification. IEEE Transactions on Cybernetics, 2015, 45, 2937-2947.	6.2	2
49	Beyond appearance model: Learning appearance variations for object tracking. Neurocomputing, 2016, 214, 796-804.	3.5	2
50	Justify role of Similarity Diffusion Process in cross-media topic ranking: an empirical evaluation. Multimedia Tools and Applications, 2017, 76, 25145-25157.	2.6	2
51	Edge Guided Generation Network for Video Prediction. , 2018, , .		2
52	Two-stream deep sparse network for accurate and efficient image restoration. Computer Vision and Image Understanding, 2020, 200, 103029.	3.0	2
53	Online Web-Video Topic Detection and Tracking with Semi-supervised Learning. Lecture Notes in Computer Science, 2013, , 750-759.	1.0	2
54	Web topic detection using a ranked clustering-like pattern across similarity cascades. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
55	Multi-view Subspace Learning with Diversity Enforced Skeleton Embedding. , 2017, , .		1
56	A fast stitching method for container images using texture and weighted speed. , 2019, , .		1
57	One-Shot Example Videos Localization Network for Weakly-Supervised Temporal Action Localization. , 2021, , .		1
58	A System for Automatic Generation of Music Sports-Video. , 0, , .		0
59	Semi-supervised visual object tracking by label propagation. , 2009, , .		0
60	Cross community news event summary generation based on collaborative ranking. , 2012, , .		0
61	Discriminative Spatial Codebook Generation for Image Classification. , 2013, , .		0
62	Weakly supervised cross-view action recognition via sequential motion accumulation. , 2014, , .		0
63	Robust latent poisson deconvolution from multiple imperfect features for web topic detection. , 2016, , .		0
64	Active Sampling for Subjective Video Quality Assessment. , 2018, , .		0
65	Action Category and Phase Consistency Regularization for High-Quality Temporal Action Proposal Generation. , 2021, , .		0
66	Efficient Cross-Modal Retrieval Using Social Tag Information Towards Mobile Applications. Lecture Notes in Computer Science, 2018, , 157-176.	1.0	0