

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
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all docs

66
docs citations

66
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Graph Regularized Encoder-Decoder Networks for Image Representation Learning. IEEE Transactions on Multimedia, 2021, 23, 3124-3136.	5.2	6
2	Action Category and Phase Consistency Regularization for High-Quality Temporal Action Proposal Generation. , 2021, , .		0
3	One-Shot Example Videos Localization Network for Weakly-Supervised Temporal Action Localization. , 2021, , .		1
4	The Unmanned Aerial Vehicle Benchmark: Object Detection, Tracking and Baseline. International Journal of Computer Vision, 2020, 128, 1141-1159.	10.9	91
5	Two-stream deep sparse network for accurate and efficient image restoration. Computer Vision and Image Understanding, 2020, 200, 103029.	3.0	2
6	Action Recognition Using Form and Motion Modalities. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16.	3.0	12
7	A Structured Latent Variable Recurrent Network With Stochastic Attention For Generating Weibo Comments. , 2020, , .		3
8	Reverse Densely Connected Feature Pyramid Network for Object Detection. Lecture Notes in Computer Science, 2019, , 530-545.	1.0	5
9	Beyond global fusion: A group-aware fusion approach for multi-view image clustering. Information Sciences, 2019, 493, 176-191.	4.0	9
10	Split Multiplicative Multi-View Subspace Clustering. IEEE Transactions on Image Processing, 2019, 28, 5147-5160.	6.0	70
11	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
12	Improving multi-label classification with missing labels by learning label-specific features. Information Sciences, 2019, 492, 124-146.	4.0	105
13	Multi-Label Image Classification with Attention Mechanism and Graph Convolutional Networks. , 2019, , .		15
14	A fast stitching method for container images using texture and weighted speed. , 2019, , .		1
15	Self-balance Motion and Appearance Model for Multi-object Tracking in UAV. , 2019, , .		3
16	Bilevel Multiview Latent Space Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 327-341.	5.6	11
17	Active Sampling for Subjective Video Quality Assessment. , 2018, , .		0
18	Edge Guided Generation Network for Video Prediction. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Saliency-Based Spatiotemporal Attention for Video Captioning. , 2018, , .		6
20	Iris Liveness Detection: A Survey. , 2018, , .		10
21	Learning Label-Specific Features for Multi-Label Classification with Missing Labels. , 2018, , .		7
22	COME for No-Reference Video Quality Assessment. , 2018, , .		11
23	Vehicle Detection in UAV Traffic Video Based on Convolution Neural Network. , 2018, , .		9
24	The Unmanned Aerial Vehicle Benchmark: Object Detection and Tracking. Lecture Notes in Computer Science, 2018, , 375-391.	1.0	299
25	Less Is More: Picking Informative Frames for Video Captioning. Lecture Notes in Computer Science, 2018, , 367-384.	1.0	130
26	Efficient Cross-Modal Retrieval Using Social Tag Information Towards Mobile Applications. Lecture Notes in Computer Science, 2018, , 157-176.	1.0	0
27	Rotative maximal pattern: A local coloring descriptor for object classification and recognition. Information Sciences, 2017, 405, 190-206.	4.0	4
28	Multi-view Subspace Learning with Diversity Enforced Skeleton Embedding. , 2017, , .		1
29	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
30	A Graph Regularized Deep Neural Network for Unsupervised Image Representation Learning. , 2017, , .		25
31	Deep Unsupervised Convolutional Domain Adaptation. , 2017, , .		73
32	Online low-rank similarity function learning with adaptive relative margin for cross-modal retrieval. , 2017, , .		10
33	Dependency Exploitation: A Unified CNN-RNN Approach for Visual Emotion Recognition. , 2017, , .		84
34	Robust latent poisson deconvolution from multiple imperfect features for web topic detection. , 2016, , .		0
35	Robust Latent Poisson Deconvolution From Multiple Features for Web Topic Detection. IEEE Transactions on Multimedia, 2016, 18, 2482-2493.	5.2	9
36	Accelerate convolutional neural networks for binary classification via cascading cost-sensitive feature. , 2016, , .		3

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37	Beyond appearance model: Learning appearance variations for object tracking. Neurocomputing, 2016, 214, 796-804.	3.5	2
38	Online web video topic detection and tracking with semi-supervised learning. Multimedia Systems, 2016, 22, 115-125.	3.0	15
39	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
40	Robust sea-sky-line detection for complex sea background. , 2015, , .		16
41	GOMES: A group-aware multi-view fusion approach towards real-world image clustering. , 2015, , .		2
42	Fusing cross-media for topic detection by dense keyword groups. Neurocomputing, 2015, 169, 169-179.	3.5	13
43	Online learning affinity measure with CovBoost for multi-target tracking. Neurocomputing, 2015, 168, 327-335.	3.5	4
44	Online dictionary learning for Local Coordinate Coding with Locality Coding Adaptors. Neurocomputing, 2015, 157, 61-69.	3.5	3
45	Group sensitive Classifier Chains for multi-label classification. , 2015, , .		19
46	Unsupervised Web Topic Detection Using A Ranked Clustering-Like Pattern Across Similarity Cascades. IEEE Transactions on Multimedia, 2015, 17, 843-853.	5.2	25
47	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
48	Web video thumbnail recommendation with content-aware analysis and query-sensitive matching. Multimedia Tools and Applications, 2014, 73, 547-571.	2.6	16
49	Video image mosaic implement based on planar-mirror-based catadioptric system. Signal, Image and Video Processing, 2014, 8, 1007-1014.	1.7	11
50	Web topic detection using a ranked clustering-like pattern across similarity cascades. , 2014, , .		1
51	Topic detection in cross-media: a semi-supervised co-clustering approach. International Journal of Multimedia Information Retrieval, 2014, 3, 193-205.	3.6	11
52	Weakly supervised cross-view action recognition via sequential motion accumulation. , 2014, , .		0
53	DA-CCD: A novel action representation by Deep Architecture of local depth feature. , 2014, , .		3
54	Cross-media topic detection: A multi-modality fusion framework. , 2013, , .		27

#	ARTICLE	IF	CITATIONS
55	Discriminative Spatial Codebook Generation for Image Classification. , 2013, , .		0
56	Cross-media topic detection associated with hot search queries. , 2013, , .		7
57	Coarse-to-Fine Dissolve Detection Based on Image Quality Assessment. , 2013, , 277-287.		5
58	Online Web-Video Topic Detection and Tracking with Semi-supervised Learning. Lecture Notes in Computer Science, 2013, , 750-759.	1.0	2
59	Cross community news event summary generation based on collaborative ranking. , 2012, , .		0
60	A Novel Framework for Web Video Thumbnail Generation. , 2012, , .		3
61	Semi-supervised visual object tracking by label propagation. , 2009, , .		0
62	Extracting Story Units in Sports Video Based on Unsupervised Video Scene Clustering. , 2006, , .		6
63	A scheme for racquet sports video analysis with the combination of audio-visual information. , 2005, 5960, 259.		4
64	Unsupervised sports video scene clustering and its applications to story units detection. , 2005, , .		11
65	A System for Automatic Generation of Music Sports-Video. , 0, , .		0
66	Video Shot Detection Using Hidden Markov Models with Complementary Features. , 0, , .		17