

Wenmin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

848
citations

1307594

7
h-index

1058476

14
g-index

54
all docs

54
docs citations

54
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention on Attention for Image Captioning. , 2019, , .		502
2	Local Stereo Matching with Improved Matching Cost and Disparity Refinement. IEEE MultiMedia, 2014, 21, 16-27.	1.7	59
3	Second- and High-Order Graph Matching for Correspondence Problems. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2978-2992.	8.3	27
4	Video Imagination from a Single Image with Transformation Generation. , 2017, , .		27
5	Multiscale Deep Alternative Neural Network for Large-Scale Video Classification. IEEE Transactions on Multimedia, 2018, 20, 2578-2592.	7.2	24
6	Better region proposals for pedestrian detection with R-CNN. , 2016, , .		21
7	High Resolution Local Structure-Constrained Image Upsampling. IEEE Transactions on Image Processing, 2015, 24, 4394-4407.	9.8	17
8	Learning DALTS for cross-modal retrieval. CAAI Transactions on Intelligence Technology, 2019, 4, 9-16.	8.1	15
9	Learning Object-Centric Transformation for Video Prediction. , 2017, , .		13
10	Salient Object Detection with Complex Scene Based on Cognitive Neuroscience. , 2017, , .		11
11	A novel integer-pixel motion estimation algorithm based on quadratic prediction. , 2015, , .		10
12	Fast and Accurate Action Detection in Videos With Motion-Centric Attention Model. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 117-130.	8.3	10
13	SwapInpaint: Identity-Specific Face Inpainting With Identity Swapping. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4271-4281.	8.3	9
14	Multi-level Modified Finite Radon Transform Network for Image Upsampling. IEEE Transactions on Circuits and Systems for Video Technology, 2015, , 1-1.	8.3	7
15	Tube ConvNets: Better exploiting motion for action recognition. , 2016, , .		7
16	Long-term video interpolation with bidirectional predictive network. , 2017, , .		7
17	Beyond Knowledge Distillation: Collaborative Learning for Bidirectional Model Assistance. IEEE Access, 2018, 6, 39490-39500.	4.2	7
18	Collaborative Deep Networks for Pedestrian Detection. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
19	Predicting Diverse Future Frames With Local Transformation-Guided Masking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3531-3543.	8.3	6
20	Uni-and-Bi-Directional Video Prediction via Learning Object-Centric Transformation. IEEE Transactions on Multimedia, 2020, 22, 1591-1604.	7.2	6
21	Image classification using RBM to encode local descriptors with group sparse learning. , 2015, , .		5
22	Self-Supervised Animation Synthesis Through Adversarial Training. IEEE Access, 2020, 8, 128140-128151.	4.2	5
23	Stereoscopic 3D Web: From idea to implementation. , 2014, , .		4
24	A Motion Aided Merge Mode For Hvc. , 2018, , .		4
25	Video Prediction with Temporal-Spatial Attention Mechanism and Deep Perceptual Similarity Branch. , 2019, , .		4
26	Generating Future Frames with Mask-Guided Prediction. , 2020, , .		4
27	Fast transformation of discriminators into encoders using pre-trained GANs. Pattern Recognition Letters, 2022, 153, 92-99.	4.2	4
28	Cost-volume filtering-based stereo matching with improved matching cost and secondary refinement. , 2014, , .		3
29	Attention-Based Two-Phase Model for Video Action Detection. Lecture Notes in Computer Science, 2017, , 81-93.	1.3	3
30	Better deep visual attention with reinforcement learning in action recognition. , 2017, , .		3
31	A joint model for action localization and classification in untrimmed video with visual attention. , 2017, , .		3
32	Learning a Limited Text Space for Cross-Media Retrieval. Lecture Notes in Computer Science, 2017, , 292-303.	1.3	3
33	A Fast and Lossless IDCT Design for AVS2 Codec. , 2016, , .		2
34	Deep discriminative network with inception module for person re-identification. , 2017, , .		2
35	Exploring Entity-Level Spatial Relationships for Image-Text Matching. , 2020, , .		2
36	A compact shot representation for video semantic indexing. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	An effective post quantization rate estimation for HEVC intra encoder. , 2016, , .		1
38	A K-Nearest-Neighbor-Pooling method for graph matching. , 2016, , .		1
39	Cross-modality matching based on Fisher Vector with neural word embeddings and deep image features. , 2017, , .		1
40	Learning multi-view embedding in joint space for bidirectional image-text retrieval. , 2017, , .		1
41	Multi-step Self-attention Network for Cross-modal Retrieval Based on a Limited Text Space. , 2019, , .		1
42	Incremental Multi-manifold Out-of-Sample Data Prediction. , 2014, , .		0
43	Improving VLAD with regional PCA whitening. , 2015, , .		0
44	Weighted transformable spatial pyramid and scalable query for object retrieval. , 2015, , .		0
45	An improved averaging combination method for image and object recognition. , 2015, , .		0
46	An MCMC-based prior sub-hypergraph matching in presence of outliers. , 2016, , .		0
47	A simple but efficient way to combine VLAD with locality-constrained linear coding. , 2016, , .		0
48	An advanced local offset matching strategy for object proposal matching. , 2016, , .		0
49	Coupled feature mapping and correlation mining for cross-media retrieval. , 2016, , .		0
50	Mask-streaming CNN for pedestrian detection. , 2017, , .		0