Tianzhu Zhang

List of Publications by Year
in descending order

71 papers	4,586 citations	218677 26 h-index	189892 50 g-index
71 all docs	71 docs citations	71 times ranked	3066 citing authors

#	Article	IF	Citations
1	Weakly-Supervised Facial Expression Recognition in the Wild With Noisy Data. IEEE Transactions on Multimedia, 2022, 24, 1800-1814.	7.2	23
2	Object Tracking via Spatial-Temporal Memory Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2976-2989.	8.3	18
3	Bayesian Correlation Filter Learning With Gaussian Scale Mixture Model for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3085-3098.	8.3	6
4	Robust Collaborative Learning of Patch-Level and Image-Level Annotations for Diabetic Retinopathy Grading From Fundus Image. IEEE Transactions on Cybernetics, 2022, 52, 11407-11417.	9.5	27
5	Focus Your Attention: A Focal Attention for Multimodal Learning. IEEE Transactions on Multimedia, 2022, 24, 103-115.	7.2	5
6	Diverse Complementary Part Mining for Weakly Supervised Object Localization. IEEE Transactions on Image Processing, 2022, 31, 1774-1788.	9.8	7
7	Density-Aware Multi-Task Learning for Crowd Counting. IEEE Transactions on Multimedia, 2021, 23, 443-453.	7.2	43
8	Consistency Graph Modeling for Semantic Correspondence. IEEE Transactions on Image Processing, 2021, 30, 4932-4946.	9.8	4
9	Local Correspondence Network for Weakly Supervised Temporal Sentence Grounding. IEEE Transactions on Image Processing, 2021, 30, 3252-3262.	9.8	30
10	Learning to Model Relationships for Zero-Shot Video Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3476-3491.	13.9	30
11	Multi-Scale Structure-Aware Network for Weakly Supervised Temporal Action Detection. IEEE Transactions on Image Processing, 2021, 30, 5848-5861.	9.8	15
12	Diverse Part Discovery: Occluded Person Re-identification with Part-Aware Transformer. , 2021, , .		158
13	Uncertainty Guided Collaborative Training for Weakly Supervised Temporal Action Detection. , 2021, , .		50
14	Foreground Activation Maps for Weakly Supervised Object Localization. , 2021, , .		35
15	Task-aware Part Mining Network for Few-Shot Learning. , 2021, , .		23
16	Online Multi-Expert Learning for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 934-946.	9.8	29
17	A Unified Deep Model for Joint Facial Expression Recognition, Face Synthesis, and Face Alignment. IEEE Transactions on Image Processing, 2020, 29, 6574-6589.	9.8	22
18	Multi-Level Correlation Adversarial Hashing for Cross-Modal Retrieval. IEEE Transactions on Multimedia, 2020, 22, 3101-3114.	7.2	64

#	Article	IF	Citations
19	Geometry Guided Pose-Invariant Facial Expression Recognition. IEEE Transactions on Image Processing, 2020, 29, 4445-4460.	9.8	85
20	I Know the Relationships: Zero-Shot Action Recognition via Two-Stream Graph Convolutional Networks and Knowledge Graphs. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8303-8311.	4.9	118
21	SMART: Joint Sampling and Regression for Visual Tracking. IEEE Transactions on Image Processing, 2019, 28, 3923-3935.	9.8	15
22	Deep Multi-Modality Adversarial Networks for Unsupervised Domain Adaptation. IEEE Transactions on Multimedia, 2019, 21, 2419-2431.	7.2	50
23	RGB-Infrared Cross-Modality Person Re-Identification via Joint Pixel and Feature Alignment. , 2019, , .		241
24	Graph Convolutional Tracking. , 2019, , .		211
25	Focus Your Attention. , 2019, , .		110
26	Video Highlight Detection via Region-Based Deep Ranking Model. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33, 1940001.	1.2	6
27	Robust Structural Sparse Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 473-486.	13.9	75
28	Learning Multi-Task Correlation Particle Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 365-378.	13.9	136
29	Text2Video: An End-to-end Learning Framework for Expressing Text With Videos. IEEE Transactions on Multimedia, 2018, 20, 2360-2370.	7.2	16
30	Cascaded Multi-level Transformed Dirichlet Process for Multi-pose Facial Expression Recognition. Computer Journal, 2018, 61, 1605-1619.	2.4	7
31	Correlation Particle Filter for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2676-2687.	9.8	108
32	Deep-Structured Event Modeling for User-Generated Photos. IEEE Transactions on Multimedia, 2018, 20, 2100-2113.	7.2	2
33	Cross-Domain Collaborative Learning via Discriminative Nonparametric Bayesian Model. IEEE Transactions on Multimedia, 2018, 20, 2086-2099.	7.2	15
34	Online Multimodal Multiexpert Learning for Social Event Tracking. IEEE Transactions on Multimedia, 2018, 20, 2733-2748.	7.2	6
35	Three-Dimensional Attention-Based Deep Ranking Model for Video Highlight Detection. IEEE Transactions on Multimedia, 2018, 20, 2693-2705.	7.2	49
36	P2T: Part-to-Target Tracking via Deep Regression Learning. IEEE Transactions on Image Processing, 2018, 27, 3074-3086.	9.8	42

#	Article	IF	Citations
37	Robust Target Tracking by Online Random Forests and Superpixels. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1609-1622.	8.3	20
38	Watch, Think and Attend. , 2018, , .		26
39	Video Highlight Detection via Deep Ranking Modeling. Lecture Notes in Computer Science, 2018, , 28-39.	1.3	4
40	Deep Relative Tracking. IEEE Transactions on Image Processing, 2017, 26, 1845-1858.	9.8	72
41	Multi-task Correlation Particle Filter for Robust Object Tracking. , 2017, , .		308
42	In Defense of Sparse Tracking: Circulant Sparse Tracker. , 2016, , .		92
43	Structural Correlation Filter for Robust Visual Tracking. , 2016, , .		130
44	Semantic Feature Mining for Video Event Understanding. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-22.	4.3	13
45	Domain adaptation for speech emotion recognition by sharing priors between related source and target classes. , 2016, , .		23
46	Deep Relative Attributes. IEEE Transactions on Multimedia, 2016, 18, 1832-1842.	7.2	75
47	Multi-modal Multi-view Topic-opinion Mining for Social Event Analysis. , 2016, , .		38
48	3D Part-Based Sparse Tracker with Automatic Synchronization and Registration. , 2016, , .		41
49	Robust Visual Tracking via Exclusive Context Modeling. IEEE Transactions on Cybernetics, 2016, 46, 51-63.	9.5	48
50	Multi-Modal Event Topic Model for Social Event Analysis. IEEE Transactions on Multimedia, 2016, 18, 233-246.	7.2	121
51	Temporal Restricted Visual Tracking Via Reverse-Low-Rank Sparse Learning. IEEE Transactions on Cybernetics, 2016, 47, 1-14.	9.5	23
52	Pose-robust feature learning for facial expression recognition. Frontiers of Computer Science, 2016, 10, 832-844.	2.4	15
53	Structural Sparse Tracking. , 2015, , .		124
54	Cross-Domain Feature Learning in Multimedia. IEEE Transactions on Multimedia, 2015, 17, 64-78.	7.2	108

#	Article	IF	Citations
55	Automatic Visual Concept Learning for Social Event Understanding. IEEE Transactions on Multimedia, 2015, 17, 346-358.	7.2	55
56	Boosted Multifeature Learning for Cross-Domain Transfer. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 11, 1-18.	4.3	15
57	Robust Visual Tracking Via Consistent Low-Rank Sparse Learning. International Journal of Computer Vision, 2015, 111, 171-190.	15.6	274
58	Multi-object tracking via MHT with multiple information fusion in surveillance video. Multimedia Systems, 2015, 21, 313-326.	4.7	14
59	Cross-Domain Collaborative Learning in Social Multimedia. , 2015, , .		25
60	Cross-Domain Multi-Event Tracking via CO-PMHT. ACM Transactions on Multimedia Computing, Communications and Applications, 2014, 10, 1-19.	4.3	26
61	Partial Occlusion Handling for Visual Tracking via Robust Part Matching. , 2014, , .		85
62	Occlusion Detection via Structured Sparse Learning for Robust Object Tracking. Advances in Computer Vision and Pattern Recognition, 2014, , 93-112.	1.3	0
63	Object Tracking by Occlusion Detection via Structured Sparse Learning. , 2013, , .		21
64	Low-Rank Sparse Coding for Image Classification. , 2013, , .		98
65	Robust Visual Tracking via Structured Multi-Task Sparse Learning. International Journal of Computer Vision, 2013, 101, 367-383.	15.6	451
66	Multi-cue Based Multi-target Tracking with Boosted MHT. Lecture Notes in Computer Science, 2013, , 528-537.	1.3	1
67	Robust multi-object tracking via cross-domain contextual information for sports video analysis. , 2012, , .		31
68	A Generic Framework for Video Annotation via Semi-Supervised Learning. IEEE Transactions on Multimedia, 2012, 14, 1206-1219.	7.2	103
69	Weakly Supervised Graph Propagation Towards Collective Image Parsing. IEEE Transactions on Multimedia, 2012, 14, 361-373.	7.2	46
70	Low-Rank Sparse Learning for Robust Visual Tracking. Lecture Notes in Computer Science, 2012, , 470-484.	1.3	151
71	Boosted Exemplar Learning for Action Recognition and Annotation. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 853-866.	8.3	28