

Kaihua Zhang

List of Publications by Year in descending order

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62
papers

5,907
citations

257357

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docs citations

62
times ranked

3970
citing authors

#	ARTICLE	IF	CITATIONS
1	Image Co-Saliency Detection and Instance Co-Segmentation Using Attention Graph Clustering Based Graph Convolutional Network. IEEE Transactions on Multimedia, 2022, 24, 492-505.	5.2	17
2	Semi-Supervised Video Object Segmentation via Learning Object-Aware Global-Local Correspondence. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8153-8164.	5.6	7
3	Learning Self-supervised Low-Rank Network for Single-Stage Weakly and Semi-supervised Semantic Segmentation. International Journal of Computer Vision, 2022, 130, 1181-1195.	10.9	15
4	Feature Alignment and Aggregation Siamese Networks for Fast Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1296-1307.	5.6	29
5	Conditional generative adversarial network with densely-connected residual learning for single image super-resolution. Multimedia Tools and Applications, 2021, 80, 4383-4397.	2.6	2
6	Video saliency prediction using enhanced spatiotemporal alignment network. Pattern Recognition, 2021, 109, 107615.	5.1	18
7	A Novel Deep Learning System for Diagnosing Early Esophageal Squamous Cell Carcinoma: A Multicenter Diagnostic Study. Clinical and Translational Gastroenterology, 2021, 12, e00393.	1.3	13
8	DeepACG: Co-Saliency Detection via Semantic-aware Contrast Gromov-Wasserstein Distance. , 2021, , .		19
9	Learning Spatio-Appearance Memory Network for High-Performance Visual Tracking. , 2021, , .		4
10	Hierarchical attentive Siamese network for real-time visual tracking. Neural Computing and Applications, 2020, 32, 14335-14346.	3.2	8
11	Real-time manifold regularized context-aware correlation tracking. Frontiers of Computer Science, 2020, 14, 334-348.	1.6	8
12	Single image super-resolution with enhanced Laplacian pyramid network via conditional generative adversarial learning. Neurocomputing, 2020, 398, 531-538.	3.5	12
13	Multi-Task Deep Dual Correlation Filters for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 9614-9626.	6.0	16
14	Adaptive Graph Convolutional Network With Attention Graph Clustering for Co-Saliency Detection. , 2020, , .		61
15	Recurrent reverse attention guided residual learning for saliency object detection. Neurocomputing, 2020, 389, 170-178.	3.5	16
16	Learning residual refinement network with semantic context representation for real-time saliency object detection. Pattern Recognition, 2020, 105, 107372.	5.1	12
17	Dual Temporal Memory Network for Efficient Video Object Segmentation. , 2020, , .		12
18	Dynamically Spatiotemporal Regularized Correlation Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	7.2	12

#	ARTICLE	IF	CITATIONS
19	Deeper Siamese network with multi-level feature fusion for real-time visual tracking. Electronics Letters, 2019, 55, 742-745.	0.5	7
20	Low-rank weighted co-saliency detection via efficient manifold ranking. Multimedia Tools and Applications, 2019, 78, 21309-21324.	2.6	6
21	Video object segmentation via attention-modulating networks. Electronics Letters, 2019, 55, 455-457.	0.5	3
22	VisDrone-SOT2019: The Vision Meets Drone Single Object Tracking Challenge Results. , 2019, , .		19
23	Co-Saliency Detection via Mask-Guided Fully Convolutional Networks With Multi-Scale Label Smoothing. , 2019, , .		57
24	Image super-resolution using conditional generative adversarial network. IET Image Processing, 2019, 13, 2673-2679.	1.4	15
25	Parallel Attentive Correlation Tracking. IEEE Transactions on Image Processing, 2019, 28, 479-491.	6.0	23
26	Robust kernelised correlation filter tracking with least absolute deviations regression. Electronics Letters, 2018, 54, 138-140.	0.5	2
27	Cascaded Regional Spatio-Temporal Feature-Routing Networks for Video Object Detection. IEEE Access, 2018, 6, 3096-3106.	2.6	12
28	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	5.1	35
29	Visual Tracking via Nonlocal Similarity Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2826-2835.	5.6	9
30	Complementary Tracking via Dual Color Clustering and Spatio-Temporal Regularized Correlation Learning. IEEE Access, 2018, 6, 56526-56538.	2.6	19
31	Visual tracking using spatio-temporally nonlocally regularized correlation filter. Pattern Recognition, 2018, 83, 185-195.	5.1	41
32	Visual Tracking With Weighted Adaptive Local Sparse Appearance Model via Spatio-Temporal Context Learning. IEEE Transactions on Image Processing, 2018, 27, 4478-4489.	6.0	41
33	Efficient Correlation Tracking via Center-Biased Spatial Regularization. IEEE Transactions on Image Processing, 2018, 27, 6159-6173.	6.0	6
34	Efficient algorithm for piecewise-smooth model with approximately explicit solutions. Electronics Letters, 2017, 53, 233-235.	0.5	15
35	Robust visual tracking via self-similarity learning. Electronics Letters, 2017, 53, 20-22.	0.5	44
36	Robust facial landmark tracking via cascade regression. Pattern Recognition, 2017, 66, 53-62.	5.1	20

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37	Stacked Hourglass Network for Robust Facial Landmark Localisation. , 2017, , .		160
38	Adaptive Compressive Tracking via Online Vector Boosting Feature Selection. IEEE Transactions on Cybernetics, 2017, 47, 4289-4301.	6.2	14
39	Robust visual tracking via patch based kernel correlation filters with adaptive multiple feature ensemble. Neurocomputing, 2016, 214, 607-617.	3.5	45
40	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	269
41	Dual Group Structured Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1697-1708.	5.6	10
42	Robust object tracking by online Fisher discrimination boosting feature selection. Computer Vision and Image Understanding, 2016, 153, 100-108.	3.0	31
43	A Level Set Approach to Image Segmentation With Intensity Inhomogeneity. IEEE Transactions on Cybernetics, 2016, 46, 546-557.	6.2	390
44	Facial Shape Tracking via Spatio-Temporal Cascade Shape Regression. , 2015, , .		36
45	A Variational Approach to Simultaneous Image Segmentation and Bias Correction. IEEE Transactions on Cybernetics, 2015, 45, 1426-1437.	6.2	153
46	Improving the Spatial Resolution of Landsat TM/ETM+ Through Fusion With SPOT5 Images via Learning-Based Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1195-1204.	2.7	59
47	Hyperspectral image denoising via low-rank matrix recovery. Remote Sensing Letters, 2014, 5, 872-881.	0.6	29
48	Multiple change detection for multispectral remote sensing images via joint sparse representation. Optical Engineering, 2014, 53, 123103.	0.5	10
49	Shadow Detection and Reconstruction in High-Resolution Satellite Images via Morphological Filtering and Example-Based Learning. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2545-2554.	2.7	63
50	Fast Compressive Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2002-2015.	9.7	479
51	Spatio-spectral fusion of satellite images based on dictionary-pair learning. Information Fusion, 2014, 18, 148-160.	11.7	37
52	Fast Visual Tracking via Dense Spatio-temporal Context Learning. Lecture Notes in Computer Science, 2014, , 127-141.	1.0	413
53	A Globally Statistical Active Contour Model for Segmentation of Oil Slick in SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2402-2409.	2.3	38
54	Robust Object Tracking Via Active Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1957-1967.	5.6	37

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55	Real-Time Object Tracking Via Online Discriminative Feature Selection. IEEE Transactions on Image Processing, 2013, 22, 4664-4677.	6.0	189
56	Reinitialization-Free Level Set Evolution via Reaction Diffusion. IEEE Transactions on Image Processing, 2013, 22, 258-271.	6.0	179
57	Real-time visual tracking via online weighted multiple instance learning. Pattern Recognition, 2013, 46, 397-411.	5.1	310
58	Real-Time Compressive Tracking. Lecture Notes in Computer Science, 2012, , 864-877.	1.0	911
59	Active contours with selective local or global segmentation: A new formulation and level set method. Image and Vision Computing, 2010, 28, 668-676.	2.7	694
60	Active contours driven by local image fitting energy. Pattern Recognition, 2010, 43, 1199-1206.	5.1	640
61	AN adaptive L_1 & L_2 hybrid error model to super-resolution. , 2010, , .		3
62	A variational multiphase level set approach to simultaneous segmentation and bias correction. , 2010, , .		53