

Kaihua Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3167943/publications.pdf>

Version: 2024-02-01

62
papers

5,907
citations

257101

24
h-index

174990

52
g-index

62
all docs

62
docs citations

62
times ranked

3970
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Compressive Tracking. Lecture Notes in Computer Science, 2012, , 864-877.	1.0	911
2	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
3	Active contours driven by local image fitting energy. Pattern Recognition, 2010, 43, 1199-1206.	5.1	640
4	Fast Compressive Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2002-2015.	9.7	479
5	Fast Visual Tracking via Dense Spatio-temporal Context Learning. Lecture Notes in Computer Science, 2014, , 127-141.	1.0	413
6	A Level Set Approach to Image Segmentation With Intensity Inhomogeneity. IEEE Transactions on Cybernetics, 2016, 46, 546-557.	6.2	390
7	Real-time visual tracking via online weighted multiple instance learning. Pattern Recognition, 2013, 46, 397-411.	5.1	310
8	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	269
9	Real-Time Object Tracking Via Online Discriminative Feature Selection. IEEE Transactions on Image Processing, 2013, 22, 4664-4677.	6.0	189
10	Reinitialization-Free Level Set Evolution via Reaction Diffusion. IEEE Transactions on Image Processing, 2013, 22, 258-271.	6.0	179
11	Stacked Hourglass Network for Robust Facial Landmark Localisation. , 2017, , .		160
12	A Variational Approach to Simultaneous Image Segmentation and Bias Correction. IEEE Transactions on Cybernetics, 2015, 45, 1426-1437.	6.2	153
13	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
14	Adaptive Graph Convolutional Network With Attention Graph Clustering for Co-Saliency Detection. , 2020, , .		61
15	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
16	Co-Saliency Detection via Mask-Guided Fully Convolutional Networks With Multi-Scale Label Smoothing. , 2019, , .		57
17	A variational multiphase level set approach to simultaneous segmentation and bias correction. , 2010, , .		53
18	Robust visual tracking via patch based kernel correlation filters with adaptive multiple feature ensemble. Neurocomputing, 2016, 214, 607-617.	3.5	45

#	ARTICLE	IF	CITATIONS
19	Robust visual tracking via self-similarity learning. Electronics Letters, 2017, 53, 20-22.	0.5	44
20	Visual tracking using spatio-temporally nonlocally regularized correlation filter. Pattern Recognition, 2018, 83, 185-195.	5.1	41
21	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
22	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
23	Robust Object Tracking Via Active Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1957-1967.	5.6	37
24	Spatio-spectral fusion of satellite images based on dictionary-pair learning. Information Fusion, 2014, 18, 148-160.	11.7	37
25	Facial Shape Tracking via Spatio-Temporal Cascade Shape Regression. , 2015, , .		36
26	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	5.1	35
27	Robust object tracking by online Fisher discrimination boosting feature selection. Computer Vision and Image Understanding, 2016, 153, 100-108.	3.0	31
28	Hyperspectral image denoising via low-rank matrix recovery. Remote Sensing Letters, 2014, 5, 872-881.	0.6	29
29	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
30	Parallel Attentive Correlation Tracking. IEEE Transactions on Image Processing, 2019, 28, 479-491.	6.0	23
31	Robust facial landmark tracking via cascade regression. Pattern Recognition, 2017, 66, 53-62.	5.1	20
32	Complementary Tracking via Dual Color Clustering and Spatio-Temporal Regularized Correlation Learning. IEEE Access, 2018, 6, 56526-56538.	2.6	19
33	VisDrone-SOT2019: The Vision Meets Drone Single Object Tracking Challenge Results. , 2019, , .		19
34	DeepACC: Co-Saliency Detection via Semantic-aware Contrast Gromov-Wasserstein Distance. , 2021, , .		19
35	Video saliency prediction using enhanced spatiotemporal alignment network. Pattern Recognition, 2021, 109, 107615.	5.1	18
36	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

#	ARTICLE	IF	CITATIONS
37	Multi-Task Deep Dual Correlation Filters for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 9614-9626.	6.0	16
38	Recurrent reverse attention guided residual learning for saliency object detection. Neurocomputing, 2020, 389, 170-178.	3.5	16
39	Efficient algorithm for piecewise-smooth model with approximately explicit solutions. Electronics Letters, 2017, 53, 233-235.	0.5	15
40	Image super-resolution using conditional generative adversarial network. IET Image Processing, 2019, 13, 2673-2679.	1.4	15
41	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
42	Adaptive Compressive Tracking via Online Vector Boosting Feature Selection. IEEE Transactions on Cybernetics, 2017, 47, 4289-4301.	6.2	14
43	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
44	Cascaded Regional Spatio-Temporal Feature-Routing Networks for Video Object Detection. IEEE Access, 2018, 6, 3096-3106.	2.6	12
45	Dynamically Spatiotemporal Regularized Correlation Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	7.2	12
46	Single image super-resolution with enhanced Laplacian pyramid network via conditional generative adversarial learning. Neurocomputing, 2020, 398, 531-538.	3.5	12
47	Learning residual refinement network with semantic context representation for real-time saliency object detection. Pattern Recognition, 2020, 105, 107372.	5.1	12
48	Dual Temporal Memory Network for Efficient Video Object Segmentation. , 2020, , .		12
49	Multiple change detection for multispectral remote sensing images via joint sparse representation. Optical Engineering, 2014, 53, 123103.	0.5	10
50	Dual Group Structured Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1697-1708.	5.6	10
51	Visual Tracking via Nonlocal Similarity Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2826-2835.	5.6	9
52	Hierarchical attentive Siamese network for real-time visual tracking. Neural Computing and Applications, 2020, 32, 14335-14346.	3.2	8
53	Real-time manifold regularized context-aware correlation tracking. Frontiers of Computer Science, 2020, 14, 334-348.	1.6	8
54	Deeper Siamese network with multi-level feature fusion for real-time visual tracking. Electronics Letters, 2019, 55, 742-745.	0.5	7

#	ARTICLE	IF	CITATIONS
55	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
56	Efficient Correlation Tracking via Center-Biased Spatial Regularization. IEEE Transactions on Image Processing, 2018, 27, 6159-6173.	6.0	6
57	Low-rank weighted co-saliency detection via efficient manifold ranking. Multimedia Tools and Applications, 2019, 78, 21309-21324.	2.6	6
58	Learning Spatio-Appearance Memory Network for High-Performance Visual Tracking. , 2021, , .		4
59	AN adaptive L_1 & L_2 hybrid error model to super-resolution. , 2010, , .		3
60	Video object segmentation via attentionâ€modulating networks. Electronics Letters, 2019, 55, 455-457.	0.5	3
61	Robust kernelised correlation filter tracking with least absolute deviations regression. Electronics Letters, 2018, 54, 138-140.	0.5	2
62	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