Dong Liang

List of Publications by Year in descending order

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44	429	840585	794469
papers	citations	11 h-index	19 g-index

44	44	44	336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust pedestrian detection in thermal infrared imagery using a shape distribution histogram feature and modified sparse representation classification. Pattern Recognition, 2015, 48, 1947-1960.	5.1	69
2	Co-occurrence probability-based pixel pairs background model for robust object detection in dynamic scenes. Pattern Recognition, 2015, 48, 1374-1390.	5.1	57
3	A sparse-representation-based robust inspection system for hidden defects classification in casting components. Neurocomputing, 2015, 153, 1-10.	3.5	28
4	TIB-Net: Drone Detection Network With Tiny Iterative Backbone. IEEE Access, 2020, 8, 130697-130707.	2.6	26
5	Learning Calibrated-Guidance for Object Detection in Aerial Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2721-2733.	2.3	23
6	Robust visual tracking via nonlocal regularized multi-view sparse representation. Pattern Recognition, 2019, 88, 75-89.	5.1	18
7	Anchor Retouching via Model Interaction for Robust Object Detection in Aerial Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	18
8	Foreground detection based on co-occurrence background model with hypothesis on degradation modification in dynamic scenes. Signal Processing, 2019, 160, 66-79.	2.1	15
9	Robust multiâ€feature visual tracking via multiâ€task kernelâ€based sparse learning. IET Image Processing, 2017, 11, 1172-1178.	1.4	13
10	Concealed object segmentation in terahertz imaging via adversarial learning. Optik, 2019, 185, 1104-1114.	1.4	12
11	Spatio-Temporal Attention Model for Foreground Detection in Cross-Scene Surveillance Videos. Sensors, 2019, 19, 5142.	2.1	11
12	Grayscale-Thermal Tracking via Inverse Sparse Representation-Based Collaborative Encoding. IEEE Transactions on Image Processing, 2020, 29, 3401-3415.	6.0	11
13	Adaptive local spatial modeling for online change detection under abrupt dynamic background. , 2017, , .		9
14	C2DAN: An Improved Deep Adaptation Network with Domain Confusion and Classifier Adaptation. Sensors, 2020, 20, 3606.	2.1	9
15	A Novel Semantics-Preserving Hashing for Fine-Grained Image Retrieval. IEEE Access, 2020, 8, 26199-26209.	2.6	9
16	Cross-scene foreground segmentation with supervised and unsupervised model communication. Pattern Recognition, 2021, 117, 107995.	5.1	9
17	Robust Object Detection in Severe Imaging Conditions using Co-Occurrence Background Model. International Journal of Optomechatronics, 2014, 8, 14-29.	3.3	8
18	Context-Anchors for Hybrid Resolution Face Detection. , 2019, , .		8

#	Article	IF	Citations
19	Robust RGB-T Tracking via Graph Attention-Based Bilinear Pooling. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9900-9911.	7.2	8
20	Co-occurrence-based adaptive background model for robust object detection. , 2013, , .		7
21	Robust visual tracking via global context regularized Locality-constrained Linear Coding. Optik, 2019, 183, 232-240.	1.4	5
22	Robust defect detection in 2D images printed on 3D microâ€textured surfaces by multiple paired pixel consistency in orientation codes. IET Image Processing, 2020, 14, 3373-3384.	1.4	5
23	WFNet: A Wider and Finer Network for Salient Object Detection. IEEE Access, 2020, 8, 210418-210428.	2.6	4
24	Coarse-to-fine Foreground Segmentation based on Co-occurrence Pixel-Block and Spatio-Temporal Attention Model. , 2021, , .		4
25	Nlkd: Using Coarse Annotations For Semantic Segmentation Based on Knowledge Distillation. , 2021, , .		4
26	A Hard Example Mining Approach for Concealed Multi-Object Detection of Active Terahertz Image. Applied Sciences (Switzerland), 2021, 11, 11241.	1.3	4
27	An Effectively Finite-Tailed Updating for Multiple Object Tracking in Crowd Scenes. Applied Sciences (Switzerland), 2022, 12, 1061.	1.3	4
28	Texture-Distortion-Constrained Joint Source-Channel Coding of Multi-View Video Plus Depth-Based 3D Video. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3326-3340.	5.6	3
29	A Robust Appearance Model and Similarity Measure for Image Matching. Journal of Robotics and Mechatronics, 2015, 27, 126-135.	0.5	3
30	Unsupervised inner-point-pairs model for unseen-scene and online moving object detection. Visual Computer, 0, , 1.	2.5	3
31	Holistic Crowd Interaction Modelling for Anomaly Detection. Lecture Notes in Computer Science, 2017, , 642-649.	1.0	2
32	A Co-occurrence Background Model with Hypothesis on Degradation Modification for Object Detection in Strong Background Changes. , 2018, , .		2
33	Foreground Detection based on Co-occurrence Background Model with Hypothesis on Degradation Modification in Background Changes. , 2018, , .		2
34	Score-specific Non-maximum Suppression and Coexistence Prior for Multi-scale Face Detection. , 2019, , .		2
35	Cross Scene Video Foreground Segmentation Via Co-Occurrence Probability Oriented Supervised and Unsupervised Model Interaction. , 2021, , .		2
36	Robust Cross-Scene Foreground Segmentation in Surveillance Video. , 2021, , .		2

#	Article	IF	Citations
37	MPI: Multiâ€receptive and parallel integration for salient object detection. IET Image Processing, 2021, 15, 3281.	1.4	2
38	Inferred box harmonization and aggregation for degraded face detection in crowds. Multimedia Tools and Applications, 0, , 1.	2.6	2
39	Dense Face Detection via High-level Context Mining. , 2021, , .		2
40	Statistical spatial multi-pixel-pair model for object detection. , 2012, , .		1
41	Robust visual tracking via multi-view discriminant based sparse representation. , 2017, , .		1
42	Robust Spatial-Temporal Correlation Model for Background Initialization in Severe Scene. , 2021, , .		1
43	Robust Method for Detecting Defect in Images Printed on 3D Micro-textured Surfaces: Modified Multiple Paired Pixel Consistency. , 2020, , .		1
44	Holistic Co-occurrence Prior forÂHigh-Density Face Detection. Lecture Notes in Computer Science, 2021, , 307-315.	1.0	0