

Jianming Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,260
citations

257101

24
h-index

149479

56
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66
all docs

66
docs citations

66
times ranked

2621
citing authors

#	ARTICLE	IF	CITATIONS
1	MEEM: Robust Tracking via Multiple Experts Using Entropy Minimization. Lecture Notes in Computer Science, 2014, , 188-203.	1.0	644
2	Top-Down Neural Attention by Excitation Backprop. International Journal of Computer Vision, 2018, 126, 1084-1102.	10.9	350
3	A Real-Time Chinese Traffic Sign Detection Algorithm Based on Modified YOLOv2. Algorithms, 2017, 10, 127.	1.2	190
4	A Cascaded R-CNN With Multiscale Attention and Imbalanced Samples for Traffic Sign Detection. IEEE Access, 2020, 8, 29742-29754.	2.6	187
5	Lightweight deep network for traffic sign classification. Annales Des Telecommunications/Annals of Telecommunications, 2020, 75, 369-379.	1.6	158
6	Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.	2.6	148
7	Visual object tracking based on residual network and cascaded correlation filters. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8427-8440.	3.3	141
8	SCSTCF: Spatial-Channel Selection and Temporal Regularized Correlation Filters for visual tracking. Applied Soft Computing Journal, 2022, 118, 108485.	4.1	124
9	A full convolutional network based on DenseNet for remote sensing scene classification. Mathematical Biosciences and Engineering, 2019, 16, 3345-3367.	1.0	121
10	Local binary pattern (LBP) and local phase quantization (LBQ) based on Gabor filter for face representation. Neurocomputing, 2013, 116, 260-264.	3.5	85
11	An object tracking framework with recapture based on correlation filters and Siamese networks. Computers and Electrical Engineering, 2022, 98, 107730.	3.0	80
12	Concrete Cracks Detection Based on FCN with Dilated Convolution. Applied Sciences (Switzerland), 2019, 9, 2686.	1.3	72
13	Energy-efficient and network-aware offloading algorithm for mobile cloud computing. Computer Networks, 2014, 74, 22-33.	3.2	71
14	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.	2.6	71
15	Multi-Channel Deep Networks for Block-Based Image Compressive Sensing. IEEE Transactions on Multimedia, 2021, 23, 2627-2640.	5.2	63
16	Spatially Attentive Visual Tracking Using Multi-Model Adaptive Response Fusion. IEEE Access, 2019, 7, 83873-83887.	2.6	52
17	Training Convolutional Neural Networks with Multi-Size Images and Triplet Loss for Remote Sensing Scene Classification. Sensors, 2020, 20, 1188.	2.1	48
18	Learning Local-Global Multiple Correlation Filters for Robust Visual Tracking with Kalman Filter Redetection. Sensors, 2021, 21, 1129.	2.1	48

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19	Mobile social networks: state-of-the-art and a new vision. International Journal of Communication Systems, 2012, 25, 1245-1259.	1.6	42
20	Attribute-Conditioned Layout GAN for Automatic Graphic Design. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 4039-4048.	2.9	39
21	An energy efficient MCDS construction algorithm for wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	37
22	A Joint Bayesian Framework Based on Partial Least Squares Discriminant Analysis for Finger Vein Recognition. IEEE Sensors Journal, 2022, 22, 785-794.	2.4	36
23	Distractor-aware visual tracking using hierarchical correlation filters adaptive selection. Applied Intelligence, 2022, 52, 6129-6147.	3.3	30
24	A Self-Adaptive Regression-Based Multivariate Data Compression Scheme with Error Bound in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 913-917.	1.3	28
25	Minority oversampling for imbalanced ordinal regression. Knowledge-Based Systems, 2019, 166, 140-155.	4.0	28
26	An optimal data service providing framework in cloud radio access network. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	26
27	FlyCam: Multitouch Gesture Controlled Drone Gimbal Photography. IEEE Robotics and Automation Letters, 2018, 3, 3717-3724.	3.3	26
28	CLIFFNet for Monocular Depth Estimation with Hierarchical Embedding Loss. Lecture Notes in Computer Science, 2020, , 316-331.	1.0	24
29	Emotion classification based on brain wave: a survey. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	23
30	LayoutGAN: Synthesizing Graphic Layouts With Vector-Wireframe Adversarial Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2388-2399.	9.7	23
31	Remote Sensing Image Sharpening by Integrating Multispectral Image Super-Resolution and Convolutional Sparse Representation Fusion. IEEE Access, 2019, 7, 46562-46574.	2.6	21
32	Siamese anchor-free object tracking with multiscale spatial attentions. Scientific Reports, 2021, 11, 22908.	1.6	21
33	Optimal Model for Energy-Efficient Clustering in Wireless Sensor Networks Using Global Simulated Annealing Genetic Algorithm. , 2008, , .		20
34	Guided Zoom: Zooming into Network Evidence to Refine Fine-Grained Model Decisions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4196-4202.	9.7	15
35	A background-aware correlation filter with adaptive saliency-aware regularization for visual tracking. Neural Computing and Applications, 2022, 34, 6359-6376.	3.2	15
36	Salient Object Subitizing. International Journal of Computer Vision, 2017, 124, 169-186.	10.9	14

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37	A Shallow Network with Combined Pooling for Fast Traffic Sign Recognition. Information (Switzerland), 2017, 8, 45.	1.7	14
38	Attribute-based knowledge transfer learning for human pose estimation. Neurocomputing, 2013, 116, 301-310.	3.5	13
39	Identity-Based Multi-Proxy Signature Scheme in the Standard Model. Fundamenta Informaticae, 2017, 150, 179-210.	0.3	13
40	DWCA-YOLOv5: An Improve Single Shot Detector for Safety Helmet Detection. Journal of Sensors, 2021, 2021, 1-12.	0.6	12
41	Semi-supervised Classification by Local Coordination. Lecture Notes in Computer Science, 2010, , 517-524.	1.0	11
42	GAPLE: Generalizable Approaching Policy LEarning for Robotic Object Searching in Indoor Environment. IEEE Robotics and Automation Letters, 2019, 4, 4003-4010.	3.3	10
43	Sequence-to-Segments Networks for Detecting Segments in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1009-1021.	9.7	9
44	A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	8
45	Manifold Alignment via Local Tangent Space Alignment. , 2008, , .		7
46	A Novel Beam Search to Improve Neural Machine Translation for English-Chinese. Computers, Materials and Continua, 2020, 65, 387-404.	1.5	6
47	Device-to-Device Service Selection Framework in Cloud Radio Access Network. , 2015, , .		5
48	Effective traffic signs recognition via kernel PCA network. International Journal of Embedded Systems, 2018, 10, 120.	0.2	5
49	Adaptive response maps fusion of correlation filters with anti-occlusion mechanism for visual object tracking. Eurasip Journal on Image and Video Processing, 2022, 2022, .	1.7	5
50	Fusion of Multiple Candidate Orientations in Fingerprints. Lecture Notes in Computer Science, 2011, , 89-100.	1.0	4
51	The impact of bitwise operators on hash uniformity in network packet processing. International Journal of Communication Systems, 2014, 27, 3158-3184.	1.6	3
52	Compressing Spatial and Temporal Correlated Data in Wireless Sensor Networks Based on Ring Topology. Lecture Notes in Computer Science, 2006, , 337-348.	1.0	3
53	Data Cost Optimization for Wireless Data Transmission Service Providers in Virtualized Wireless Networks. Lecture Notes in Computer Science, 2016, , 239-252.	1.0	2
54	Local Privacy-Preserving Dynamic Worker Locations in Spatial Crowdsourcing. IEEE Access, 2021, 9, 27359-27373.	2.6	2

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55	Concept Mask: Large-Scale Segmentation from Semantic Concepts. Lecture Notes in Computer Science, 2018, , 542-557.	1.0	2
56	Associating Minutiae between Distorted Fingerprints Using Minimal Spanning Tree. Lecture Notes in Computer Science, 2010, , 235-245.	1.0	1
57	Effective traffic signs recognition via kernel PCA network. International Journal of Embedded Systems, 2018, 10, 120.	0.2	1
58	An Accelerated Rank-(L,L,1,1) Block Term Decomposition Of Multi-Subject Fmri Data Under Spatial Orthonormality Constraint. , 2022, , .		1
59	Learning interactive multi-object segmentation through appearance embedding and spatial attention. IET Image Processing, 2022, 16, 2722-2737.	1.4	1
60	Using Semantic Web for Information Retrieval Based on Clonal Selection Strategy. , 2009, , .		0
61	Identification of Mitral Annulus Hinge Point Based on Local Context Feature and Additive SVM Classifier. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-8.	0.7	0
62	A Block Compressed Sensing for Images Selective Encryption in Cloud. Computers, Materials and Continua, 2019, 61, 29-41.	1.5	0
63	Sparse Representation for Face Recognition Based on Projective Dictionary Pair Learning. Lecture Notes in Computer Science, 2020, , 305-316.	1.0	0
64	Infrared and Visible Image Fusion via Fast Approximate Bilateral Filter and Local Energy Characteristics. Scientific Programming, 2021, 2021, 1-12.	0.5	0