

# 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  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2621  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Distractor-aware visual tracking using hierarchical correlation filters adaptive selection. Applied Intelligence, 2022, 52, 6129-6147.                                      | 3.3 | 30        |
| 2  | 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        |
| 3  | A background-aware correlation filter with adaptive saliency-aware regularization for visual tracking. Neural Computing and Applications, 2022, 34, 6359-6376.              | 3.2 | 15        |
| 4  | SCSTCF: Spatial-Channel Selection and Temporal Regularized Correlation Filters for visual tracking. Applied Soft Computing Journal, 2022, 118, 108485.                      | 4.1 | 124       |
| 5  | An object tracking framework with recapture based on correlation filters and Siamese networks. Computers and Electrical Engineering, 2022, 98, 107730.                      | 3.0 | 80        |
| 6  | 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         |
| 7  | An Accelerated Rank-(L,L,1,1) Block Term Decomposition Of Multi-Subject Fmri Data Under Spatial Orthonormality Constraint. , 2022, , .                                      |     | 1         |
| 8  | Learning interactive multi-object segmentation through appearance embedding and spatial attention. IET Image Processing, 2022, 16, 2722-2737.                               | 1.4 | 1         |
| 9  | Attribute-Conditioned Layout GAN for Automatic Graphic Design. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 4039-4048.                               | 2.9 | 39        |
| 10 | LayoutGAN: Synthesizing Graphic Layouts With Vector-Wireframe Adversarial Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2388-2399.    | 9.7 | 23        |
| 11 | Multi-Channel Deep Networks for Block-Based Image Compressive Sensing. IEEE Transactions on Multimedia, 2021, 23, 2627-2640.  | 5.2 | 63        |
| 12 | Sequence-to-Segments Networks for Detecting Segments in Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1009-1021.                        | 9.7 | 9         |
| 13 | 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        |
| 14 | Learning Local-to-Global Multiple Correlation Filters for Robust Visual Tracking with Kalman Filter Redetection. Sensors, 2021, 21, 1129.                                   | 2.1 | 48        |
| 15 | Local Privacy-Preserving Dynamic Worker Locations in Spatial Crowdsourcing. IEEE Access, 2021, 9, 27359-27373.  | 2.6 | 2         |
| 16 | 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       |
| 17 | DWCA-YOLOv5: An Improve Single Shot Detector for Safety Helmet Detection. Journal of Sensors, 2021, 2021, 1-12.   | 0.6 | 12        |
| 18 | Siamese anchor-free object tracking with multiscale spatial attentions. Scientific Reports, 2021, 11, 22908.  | 1.6 | 21        |

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|----|--|------|-----------|
| 19 | Infrared and Visible Image Fusion via Fast Approximate Bilateral Filter and Local Energy Characteristics. Scientific Programming, 2021, 2021, 1-12.                    | 0.5  | 0         |
| 20 | Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.                               | 2.6  | 148       |
| 21 | Lightweight deep network for traffic sign classification. Annales Des Telecommunications/Annals of Telecommunications, 2020, 75, 369-379.                              | 1.6  | 158       |
| 22 | A Cascaded R-CNN With Multiscale Attention and Imbalanced Samples for Traffic Sign Detection. IEEE Access, 2020, 8, 29742-29754.                                       | 2.6  | 187       |
| 23 | Training Convolutional Neural Networks with Multi-Size Images and Triplet Loss for Remote Sensing Scene Classification. Sensors, 2020, 20, 1188.                       | 2.1  | 48        |
| 24 | Sparse Representation for Face Recognition Based on Projective Dictionary Pair Learning. Lecture Notes in Computer Science, 2020, , 305-316.                           | 1.0  | 0         |
| 25 | CLIFFNet for Monocular Depth Estimation with Hierarchical Embedding Loss. Lecture Notes in Computer Science, 2020, , 316-331.  | 1.0  | 24        |
| 26 | A Novel Beam Search to Improve Neural Machine Translation for English-Chinese. Computers, Materials and Continua, 2020, 65, 387-404.                                   | 1.5  | 6         |
| 27 | Concrete Cracks Detection Based on FCN with Dilated Convolution. Applied Sciences (Switzerland), 2019, 9, 2686.  | 1.3  | 72        |
| 28 | Spatially Attentive Visual Tracking Using Multi-Model Adaptive Response Fusion. IEEE Access, 2019, 7, 83873-83887.   | 2.6  | 52        |
| 29 | GAPLE: Generalizable Approaching Policy LEarning for Robotic Object Searching in Indoor Environment. IEEE Robotics and Automation Letters, 2019, 4, 4003-4010.         | 3.3  | 10        |
| 30 | Remote Sensing Image Sharpening by Integrating Multispectral Image Super-Resolution and Convolutional Sparse Representation Fusion. IEEE Access, 2019, 7, 46562-46574. | 2.6  | 21        |
| 31 | Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.  | 2.6  | 71        |
| 32 | Emotion classification based on brain wave: a survey. Human-centric Computing and Information Sciences, 2019, 9, .   | 6.1  | 23        |
| 33 | Minority oversampling for imbalanced ordinal regression. Knowledge-Based Systems, 2019, 166, 140-155.  | 4.0  | 28        |
| 34 | A full convolutional network based on DenseNet for remote sensing scene classification. Mathematical Biosciences and Engineering, 2019, 16, 3345-3367.                 | 1.0  | 121       |
| 35 | A Block Compressed Sensing for Images Selective Encryption in Cloud. Computers, Materials and Continua, 2019, 61, 29-41.   | 1.5  | 0         |
| 36 | Top-Down Neural Attention by Excitation Backprop. International Journal of Computer Vision, 2018, 126, 1084-1102.  | 10.9 | 350       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-14.                                | 0.6  | 8         |
| 38 | Effective traffic signs recognition via kernel PCA network. <i>International Journal of Embedded Systems</i> , 2018, 10, 120.   | 0.2  | 5         |
| 39 | FlyCam: Multitouch Gesture Controlled Drone Gimbal Photography. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 3717-3724.   | 3.3  | 26        |
| 40 | Concept Mask: Large-Scale Segmentation from Semantic Concepts. <i>Lecture Notes in Computer Science</i> , 2018, , 542-557.  | 1.0  | 2         |
| 41 | Effective traffic signs recognition via kernel PCA network. <i>International Journal of Embedded Systems</i> , 2018, 10, 120.   | 0.2  | 1         |
| 42 | Identity-Based Multi-Proxy Signature Scheme in the Standard Model. <i>Fundamenta Informaticae</i> , 2017, 150, 179-210.   | 0.3  | 13        |
| 43 | Salient Object Subitizing. <i>International Journal of Computer Vision</i> , 2017, 124, 169-186.  | 10.9 | 14        |
| 44 | A Shallow Network with Combined Pooling for Fast Traffic Sign Recognition. <i>Information (Switzerland)</i> , 2017, 8, 45.  | 1.7  | 14        |
| 45 | A Real-Time Chinese Traffic Sign Detection Algorithm Based on Modified YOLOv2. <i>Algorithms</i> , 2017, 10, 127.   | 1.2  | 190       |
| 46 | Data Cost Optimization for Wireless Data Transmission Service Providers in Virtualized Wireless Networks. <i>Lecture Notes in Computer Science</i> , 2016, , 239-252.                 | 1.0  | 2         |
| 47 | An optimal data service providing framework in cloud radio access network. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .                           | 1.5  | 26        |
| 48 | Identification of Mitral Annulus Hinge Point Based on Local Context Feature and Additive SVM Classifier. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-8. | 0.7  | 0         |
| 49 | Device-to-Device Service Selection Framework in Cloud Radio Access Network. , 2015, , .   |      | 5         |
| 50 | The impact of bitwise operators on hash uniformity in network packet processing. <i>International Journal of Communication Systems</i> , 2014, 27, 3158-3184.                         | 1.6  | 3         |
| 51 | Energy-efficient and network-aware offloading algorithm for mobile cloud computing. <i>Computer Networks</i> , 2014, 74, 22-33.   | 3.2  | 71        |
| 52 | MEEM: Robust Tracking via Multiple Experts Using Entropy Minimization. <i>Lecture Notes in Computer Science</i> , 2014, , 188-203.  | 1.0  | 644       |
| 53 | Attribute-based knowledge transfer learning for human pose estimation. <i>Neurocomputing</i> , 2013, 116, 301-310.  | 3.5  | 13        |
| 54 | Local binary pattern (LBP) and local phase quantization (LBQ) based on Gabor filter for face representation. <i>Neurocomputing</i> , 2013, 116, 260-264.                              | 3.5  | 85        |

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|----|--|-----|-----------|
| 55 | A Self-Adaptive Regression-Based Multivariate Data Compression Scheme with Error Bound in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 913497. | 1.3 | 28        |
| 56 | Mobile social networks: state-of-the-art and a new vision. International Journal of Communication Systems, 2012, 25, 1245-1259.  | 1.6 | 42        |
| 57 | An energy efficient MCDS construction algorithm for wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .                                     | 1.5 | 37        |
| 58 | Fusion of Multiple Candidate Orientations in Fingerprints. Lecture Notes in Computer Science, 2011, , 89-100.  | 1.0 | 4         |
| 59 | Semi-supervised Classification by Local Coordination. Lecture Notes in Computer Science, 2010, , 517-524.  | 1.0 | 11        |
| 60 | Associating Minutiae between Distorted Fingerprints Using Minimal Spanning Tree. Lecture Notes in Computer Science, 2010, , 235-245.   | 1.0 | 1         |
| 61 | Using Semantic Web for Information Retrieval Based on Clonal Selection Strategy. , 2009, , .   |     | 0         |
| 62 | Optimal Model for Energy-Efficient Clustering in Wireless Sensor Networks Using Global Simulated Annealing Genetic Algorithm. , 2008, , .  |     | 20        |
| 63 | Manifold Alignment via Local Tangent Space Alignment. , 2008, , .  |     | 7         |
| 64 | 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         |