

Qi Zou

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

416
citations

933447

10
h-index

794594

19
g-index

37
all docs

37
docs citations

37
times ranked

309
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Effects of Image Degradation and Degradation Removal to CNN-Based Image Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1239-1253. | 13.9 | 121 |
| 2 | Learning Visual Similarity for Inspecting Defective Railway Fasteners. IEEE Sensors Journal, 2019, 19, 6844-6857. | 4.7 | 54 |
| 3 | Does Haze Removal Help CNN-Based Image Classification?. Lecture Notes in Computer Science, 2018, , 697-712. | 1.3 | 47 |
| 4 | Robust Nighttime Vehicle Detection by Tracking and Grouping Headlights. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2838-2849. | 8.0 | 32 |
| 5 | Nonlinear dimensionality reduction using a temporal coherence principle. Information Sciences, 2011, 181, 3284-3307. | 6.9 | 24 |
| 6 | Object Discovery From a Single Unlabeled Image by Mining Frequent Itemsets With Multi-Scale Features. IEEE Transactions on Image Processing, 2020, 29, 8606-8621. | 9.8 | 18 |
| 7 | Integral Knowledge Distillation for Multi-Person Pose Estimation. IEEE Signal Processing Letters, 2020, 27, 436-440. | 3.6 | 18 |
| 8 | Video sketch: A middle-level representation for action recognition. Applied Intelligence, 2021, 51, 2589-2608. | 5.3 | 17 |
| 9 | Joint Headlight Pairing and Vehicle Tracking by Weighted Set Packing in Nighttime Traffic Videos. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1950-1961. | 8.0 | 15 |
| 10 | Motion-Aware Feature Enhancement Network for Video Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 688-700. | 8.3 | 11 |
| 11 | Action-Guided Attention Mining and Relation Reasoning Network for Human-Object Interaction Detection. , 2020, , . | | 11 |
| 12 | Dynamic pedestrian trajectory forecasting with LSTM-based Delaunay triangulation. Applied Intelligence, 2022, 52, 3018-3028. | 5.3 | 10 |
| 13 | A Stronger Baseline for Seismic Facies Classification With Less Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10. | 6.3 | 6 |
| 14 | Learning to Detect Boundaries in Natural Image Using Texture Cues and EM. , 2008, , . | | 4 |
| 15 | A light tracker for online multiple pedestrian tracking. Journal of Real-Time Image Processing, 2021, 18, 175-191. | 3.5 | 4 |
| 16 | MULTIRESOLUTION IMAGE PERCEPTUAL GROUPING USING TOPOLOGICAL STRUCTURE EMBEDDED IN MANIFOLD. International Journal of Wavelets, Multiresolution and Information Processing, 2007, 05, 39-49. | 1.3 | 3 |
| 17 | Sparse representation of global features of visual images in human primary visual cortex: Evidence from fMRI. Science Bulletin, 2008, 53, 2165-2174. | 9.0 | 3 |
| 18 | A computational coding model for saliency detection in primary visual cortex. Science Bulletin, 2012, 57, 3943-3952. | 1.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | CFENet: Content-aware feature enhancement network for multi-person pose estimation. Applied Intelligence, 2022, 52, 215-236. | 5.3 | 3 |
| 20 | Accurate Segmentation for Infrared Flying Bird Tracking. Chinese Journal of Electronics, 2016, 25, 625-631. | 1.5 | 2 |
| 21 | Learning representative features via constrictive annular loss for image classification. Applied Intelligence, 2019, 49, 3082-3092. | 5.3 | 2 |
| 22 | A coarse to fine network for fast and accurate object detection in high-resolution images. IET Computer Vision, 2021, 15, 274-282. | 2.0 | 2 |
| 23 | Detecting dense text in natural images. IET Computer Vision, 2020, 14, 597-604. | 2.0 | 2 |
| 24 | Model Selection Criterion Applied to Visual Perception. , 2006, , . | | 1 |
| 25 | Selective Attention Guided Contour Extraction for Perceptual Grouping. , 2007, , . | | 1 |
| 26 | Visual Attention Guided Multi-Scale Boundary Detection in Natural Images for Contour Grouping. IEICE Transactions on Information and Systems, 2009, E92-D, 555-558. | 0.7 | 1 |
| 27 | A neural computational model for bottom-up attention with invariant and overcomplete representation. BMC Neuroscience, 2012, 13, 145. | 1.9 | 1 |
| 28 | Time varying images sparse coding network model based on simple cell in visual cortex. , 0, , . | | 0 |
| 29 | Biology vision inspired singularity model in invariant recognition. , 0, , . | | 0 |
| 30 | Learning invariant feature toward recognition modeling biology vision. , 0, , . | | 0 |
| 31 | Perceptual grouping model for color natural images. , 2007, , . | | 0 |
| 32 | A Model of Perceptual Learning Integrated with Top-Down Information. , 2007, , . | | 0 |
| 33 | Face recognition with Neighboring Discriminant Analysis. , 2008, , . | | 0 |
| 34 | A robust unsupervised algorithm of contour extraction. , 2008, , . | | 0 |
| 35 | A Novel Measurement and Statistics of Similarity Cue for Edges in Contour Grouping. , 2009, , . | | 0 |
| 36 | An online multiple object tracker based on structure keeper net. Applied Intelligence, 2021, 51, 8010. | 5.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Effects of Motion-Relevant Knowledge From Unlabeled Video to Human-Object Interaction Detection. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-14. | 11.3 | 0 |