

Yongsheng Dong

List of Publications by Year in descending order

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430874

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41
times ranked

950
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Graph Regularized Non-Negative Low-Rank Matrix Factorization for Image Clustering. IEEE Transactions on Cybernetics, 2017, 47, 3840-3853. | 9.5 | 148 |
| 2 | Texture Classification and Retrieval Using Shearlets and Linear Regression. IEEE Transactions on Cybernetics, 2015, 45, 358-369. | 9.5 | 97 |
| 3 | Wavelet-Based Image Texture Classification Using Local Energy Histograms. IEEE Signal Processing Letters, 2011, 18, 247-250. | 3.6 | 57 |
| 4 | Stacked Fisher autoencoder for SAR change detection. Pattern Recognition, 2019, 96, 106971. | 8.1 | 54 |
| 5 | Robust Subspace Clustering by Cauchy Loss Function. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2067-2078. | 11.3 | 50 |
| 6 | Subspace clustering guided convex nonnegative matrix factorization. Neurocomputing, 2018, 292, 38-48. | 5.9 | 44 |
| 7 | Multiscale Sampling Based Texture Image Classification. IEEE Signal Processing Letters, 2017, 24, 614-618. | 3.6 | 38 |
| 8 | Structure preserving unsupervised feature selection. Neurocomputing, 2018, 301, 36-45. | 5.9 | 37 |
| 9 | Hierarchical Feature Fusion Network for Salient Object Detection. IEEE Transactions on Image Processing, 2020, 29, 9165-9175. | 9.8 | 37 |
| 10 | Patch Alignment Manifold Matting. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3214-3226. | 11.3 | 36 |
| 11 | Bayesian Texture Classification Based on Contourlet Transform and BYY Harmony Learning of Poisson Mixtures. IEEE Transactions on Image Processing, 2012, 21, 909-918. | 9.8 | 28 |
| 12 | Superpixel-Based Foreground Extraction With Fast Adaptive Trimaps. IEEE Transactions on Cybernetics, 2018, 48, 2609-2619. | 9.5 | 26 |
| 13 | Convolutional Edge Constraint-Based U-Net for Salient Object Detection. IEEE Access, 2019, 7, 48890-48900. | 4.2 | 26 |
| 14 | Multiscale Symmetric Dense Micro-Block Difference for Texture Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3583-3594. | 8.3 | 26 |
| 15 | Energy Management Strategy for Fuel Cell/Battery/Ultracapacitor Hybrid Electric Vehicles Using Deep Reinforcement Learning With Action Trimming. IEEE Transactions on Vehicular Technology, 2022, 71, 7171-7185. | 6.3 | 25 |
| 16 | Nonnegative Multiresolution Representation-Based Texture Image Classification. ACM Transactions on Intelligent Systems and Technology, 2015, 7, 1-21. | 4.5 | 23 |
| 17 | Multi-scale counting and difference representation for texture classification. Visual Computer, 2018, 34, 1315-1324. | 3.5 | 21 |
| 18 | Feature extraction through contourlet subband clustering for texture classification. Neurocomputing, 2013, 116, 157-164. | 5.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | SCE: A Manifold Regularized Set-Covering Method for Data Partitioning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1760-1773. | 11.3 | 18 |
| 20 | Style Transformation-Based Spatial-Spectral Feature Learning for Unsupervised Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15. | 6.3 | 18 |
| 21 | Jumping and Refined Local Pattern for Texture Classification. IEEE Access, 2018, 6, 64416-64426. | 4.2 | 17 |
| 22 | Locally Directional and Extremal Pattern for Texture Classification. IEEE Access, 2019, 7, 87931-87942. | 4.2 | 16 |
| 23 | Structural difference histogram representation for texture image classification. IET Image Processing, 2017, 11, 118-125. | 2.5 | 14 |
| 24 | Learning blur invariant binary descriptor for face recognition. Neurocomputing, 2020, 404, 34-40. | 5.9 | 13 |
| 25 | CartoonLossGAN: Learning Surface and Coloring of Images for Cartoonization. IEEE Transactions on Image Processing, 2022, 31, 485-498. | 9.8 | 13 |
| 26 | Refined-Graph Regularization-Based Nonnegative Matrix Factorization. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-21. | 4.5 | 11 |
| 27 | Meta Learning for Task-Driven Video Summarization. IEEE Transactions on Industrial Electronics, 2020, 67, 5778-5786. | 7.9 | 11 |
| 28 | Adaptive Relationship Preserving Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16. | 6.3 | 11 |
| 29 | Hierarchical Edge Refinement Network for Saliency Detection. IEEE Transactions on Image Processing, 2021, 30, 7567-7577. | 9.8 | 9 |
| 30 | Neutrosophic Set Transformation Matrix Factorization Based Active Contours for Color Texture Segmentation. IEEE Access, 2019, 7, 93887-93897. | 4.2 | 7 |
| 31 | Discriminative and Orthogonal Subspace Constraints-Based Nonnegative Matrix Factorization. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-24. | 4.5 | 6 |
| 32 | Optimization Based Adaptive Cruise Control and Energy Management Strategy for Connected and Automated FCHEV. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21620-21629. | 8.0 | 6 |
| 33 | Subspace Clustering by Capped ℓ_1 Norm. Communications in Computer and Information Science, 2016, , 663-674. | 0.5 | 5 |
| 34 | Robust hyperspectral unmixing based on dual views with adaptive weights. Neurocomputing, 2021, 461, 204-216. | 5.9 | 4 |
| 35 | Extended Locality-Constrained Linear Self-Coding for Saliency Detection. IEEE Signal Processing Letters, 2017, 24, 1458-1462. | 3.6 | 3 |
| 36 | Compact Interchannel Sampling Difference Descriptor for Color Texture Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1684-1696. | 8.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Dominant-completed local binary pattern for texture classification. , 2015, , . | | 2 |
| 38 | Object recognition based on Gabor wavelet and SVM. , 2015, , . | | 1 |
| 39 | Completed Extremely Nonnegative DMD for Color Texture Classification. IEEE Access, 2020, 8, 103034-103046. | 4.2 | 1 |
| 40 | Local estimation empirical mode decomposition and its application in image fusion. , 2014, , . | | 0 |
| 41 | Symmetric mean and directional contour pattern for texture classification. Electronics Letters, 0, , . | 1.0 | 0 |