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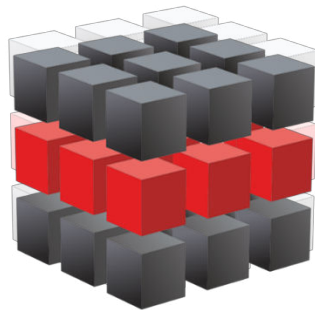
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CHENNAI – PONDICHERRY

MATLAB Image Processing/Communication Title List 2019-2020

MATLAB -IMAGE PROCESSING

1. Generative Adversarial Networks and Perceptual Losses for Video Super-Resolution

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

2. Optimal Multi-View Surface Normal Estimation Using Affine Correspondences.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

3. Hybrid LSTM and Encoder–Decoder Architecture for Detection of Image Forgeries.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

4. Sparse Principal Component Analysis With Preserved Sparsity Pattern.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

5. Learning Sheared EPI Structure for Light Field Reconstruction.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

6. Bayesian Polytrees With Learned Deep Features for Multi-Class Cell Segmentation.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

7. Dynamic Saliency-Aware Regularization for Correlation Filter-Based Object Tracking.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

8. Toward Deep Universal Sketch Perceptual Grouper.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

9. Base-Anchored Model for Highly Scalable and Accessible Compression of Multiview Imagery.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

10. Panoramic Background Image Generation for PTZ Cameras.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

11. Quadruplet Network With One-Shot Learning for Fast Visual Object Tracking.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

12. Predicting Human Saccadic Scanpaths Based on Iterative Representation Learning.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

13. Content-Aware Enhancement of Images With Filamentous Structures.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

14. VSSA-NET: Vertical Spatial Sequence Attention Network for Traffic Sign Detection.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

15. Multi-Modal Non-Line-of-Sight Passive Imaging.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

16. Content-Aware Convolutional Neural Network for In-Loop Filtering in High Efficiency Video Coding.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

17. Predicting Detection Performance on Security X-Ray Images as a Function of Image Quality.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

18. Automatic Muscle Fiber Orientation Tracking in Ultrasound Images Using a New Adaptive Fading Bayesian Kalman Smoother.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

19. Cross-View Person Identification based on Confidence-weighted Human Pose Matching.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

20. DECODE: Deep Confidence Network for Robust Image Classification.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

21. Deep Attention Network for Egocentric Action Recognition.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

22. Deformable Object Tracking with Gated Fusion.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

23. Discerning Feature Supported Encoder for Image Representation.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

24. Enhanced Non-Local Total Variation Model and Multi-Directional Feature Prediction Prior for Single Image Super Resolution.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

25. Learning Discriminant Direction Binary Palmprint Descriptor.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

26. Modelling point spread function in fluorescence microscopy with a sparse Gaussian mixture: trade-off between accuracy and efficiency.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

27. Multi-grid phase field skin tumor segmentation in 3D ultrasound images.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

28. Pixel-level Discrete Multiobjective Sampling for Image Matting.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 8 , Aug. 2019)

29. A Sample Update-Based Convolutional Neural Network Framework for Object Detection in Large-Area Remote Sensing Image.

Published in: IEEE Geoscience and Remote Sensing Letters (Volume: 16 , Issue: 6 , June 2019)

30. Water Body Extraction From Very High-Resolution Remote Sensing Imagery Using Deep U-Net and a Superpixel-Based Conditional Random Field Model.

Published in: IEEE Geoscience and Remote Sensing Letters (Volume: 16 , Issue: 4 , April 2019)

31. Pansharpening for Cloud-Contaminated Very High-Resolution Remote Sensing Images.

Published in: IEEE Transactions on Geoscience and Remote Sensing (Volume: 57 , Issue: 5 , May 2019)

32. Detection of Liver Cancer using Image Processing Techniques.

Published in: 2019 International Conference on Communication and Signal Processing (ICCSP)

33. Fast and Robust Symmetric Image Registration Based on Distances Combining Intensity and Spatial Information.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

34. A Hierarchical Image Matting Model for Blood Vessel Segmentation in Fundus Images.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 5 , May 2019)

35. Deep Learning-Based Image Segmentation on Multimodal Medical Imaging.

Published in: IEEE Transactions on Radiation and Plasma Medical Sciences (Volume: 3 , Issue: 2 , March 2019)

36. Image Water Marking using DWT to Encapsulate Data in Medical Image.

Published in: 2019 International Conference on Communication and Signal Processing   (ICCSP)

37. Predicting Detection Performance on Security X-Ray Images as a Function of Image Quality.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 7 , July 2019)

38. Fingerprint Image Identification for Crime Detection.

Published in: 2019 International Conference on Communication and Signal Processing (ICCSP)

39. Weighted Direct Nonlinear Regression for Effective Image Interpolation.

Published in: IEEE Access (Volume: 7)

40. Class Agnostic Image Common Object Detection.

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 6 , June 2019)

41. On the Diversity of Conditional Image Synthesis With Semantic Layouts

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 6 , June 2019)

42. Stereoscopic Image Saliency Detection Optimization: A Multi-Cue-Driven Approach

Published in: IEEE Access (Volume: 7)

43. An Efficient Fuzzy C-Means Clustering based Image Dissection Algorithm for Satellite Images

Published in: 2019 International Conference on Communication and Signal Processing (ICCSP)

44. IoT based Smart Traffic density Control using Image Processing

Published in: 2019 4th MEC International Conference on Big Data and Smart City (ICBDSC)

45. Superpixel-Based Hybrid Discriminative Random Field for Fast PolSAR Image Classification

Published in: IEEE Access (Volume: 7)

46. Deformable Image Registration Using Functions of Bounded Deformation

Published in: IEEE Transactions on Medical Imaging (Volume: 38 ,Issue: 6 ,June 2019)

47. Secure Detection of Image Manipulation by Means of Random Feature Selection

Published in: IEEE Transactions on Information Forensics and Security (Volume: 14 , Issue: 9 , Sept. 2019)

48. Vision-based Approaches for Automatic Food Recognition and Dietary Assessment: A Survey

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49. A Fast Image Dehazing Algorithm Using Morphological Reconstruction

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 5 , May 2019)

50. A Multi-Stage Framework With Context Information fusion Structure For Skin Lesion Segmentation

Published in: 2019 IEEE 16th International Symposium on Biomedical Imaging (ISBI 2019)

51. An Adaptive Triangular Partition Algorithm for Digital Images

Published in: IEEE Transactions on Multimedia (Volume: 21 , Issue: 6 , June 2019)

52. Automatic Detection and Classification of Weaving Fabric Defects Based on Digital Image Processing

Published in: 2019 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering (EIConRus)

53. Breast Cancer Diagnosis Using Image Processing and Machine Learning for Elastography Images

Published in: 2019 8th International Conference on Modern Circuits and Systems Technologies (MOCAST)

54. Color Image and Multispectral Image Denoising Using Block Diagonal Representation

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 9 , Sept. 2019)

55. Convolution Structure Sparse Coding for Fusion of Panchromatic and Multispectral Images

Published in: IEEE Transactions on Geoscience and Remote Sensing (Volume: 57 , Issue: 2 , Feb. 2019)

56. Convolutional Recurrent Neural Networks for Dynamic MR Image Reconstruction-2018

Published in: IEEE Transactions on Medical Imaging (Volume: 38 , Issue: 1 , Jan. 2019)

57. Glaucoma Detection Using Fundus Images Of The Eye

Published in: 2019 XXII Symposium on Image, Signal Processing and Artificial Vision (STSIVA)

58. Image Regularizations Based on the Sparsity of Corner Points-2019

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 1 , Jan. 2019)

59. Image Water Marking using DWT to Encapsulate Data in Medical Image

Published in: 2019 International Conference on Communication and Signal Processing (ICCSP)

60. Medical Image Fusion via Convolutional Sparsity Based Morphological Component Analysis

Published in: IEEE Signal Processing Letters (Volume: 26 , Issue: 3 , March 2019)

61. Remote Sensing Image Sharpening by Integrating Multispectral Image Super-Resolution and Convolutional Sparse Representation Fusion

Published in: IEEE Access (Volume: 7) -2019

62. Shadow Removal Detection And Localization For Forensics Analysis

Published in: ICASSP 2019 - 2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)

63. Similarity Measure-Based Possibilistic FCM With Label Information for Brain MRI Segmentation

Published in: IEEE Transactions on Cybernetics (Volume: 49 , Issue: 7 , July 2019)

64. Image Regularizations Based on the Sparsity of Corner Points

Published in: IEEE Transactions on Image Processing (Volume: 28 , Issue: 1 , Jan. 2019)

65. Convolutional Deblurring for Natural Imaging.

Published in: IEEE TRANSACTION ON IMAGE PROCESSING, SEPTEMBER 2018.

66. Deep Neural Network Regression for Automated Retinal Layer Segmentation in Optical Coherence Tomography Images.

Published in: IEEE Transactions on Image Processing, August 2019

67. FAMED-Net: A Fast and Accurate Multi-scale End-to-end Dehazing Network.

Published in: IEEE Transactions on Image Processing, July 2019

68. HA-CCN: Hierarchical Attention-based Crowd Counting Network.

Published in: IEEE Transactions on Image Processing, July 2019

69. Hyperspectral Image Denoising via Matrix Factorization and Deep Prior Regularization

Published in: IEEE Transactions on Image Processing, July 2019

70. Multipatch Unbiased Distance Non-local Adaptive Means with Wavelet Shrinkage

Published in: IEEE Transactions on Image Processing, July 2019

71. Multi-Scale Multi-View Deep Feature Aggregation for Food Recognition.

 IEEE Transactions on Image Processing, July 2019

72. RESLS: Region and Edge Synergetic Level Set Framework for Image Segmentation.

Published in: IEEE Transactions on Image Processing, July 2019

73. Super-Resolution for Hyperspectral and Multispectral Image Fusion Accounting for Seasonal Spectral Variability.

Published in: IEEE Transactions on Image Processing, July 2019

MATLAB COMMUNICATION

1. Adaptive Transmission in Cellular Networks: Fixed-Rate Codes with Power Control vs Physical Layer Rateless Codes.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

2. Dynamic Transmission Policy for Multi-Pair Cooperative Device-to-Device Communication with Block-Diagonalization Precoding.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

3. Joint Interference Cancellation and Resource Allocation for Full-duplex Cloud Radio Access Networks.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

4. Load Balancing User Association in Millimeter Wave MIMO Networks.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

5. Massive MIMO Forward Link Analysis for Cellular Networks.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

6. Max-Min Fairness User Scheduling and Power Allocation in Full-Duplex OFDMA Systems.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

7. Mobile-Traffic-Aware Offloading for Energy- and Spectral-Efficient Large-Scale D2D-Enabled Cellular Networks.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

8. Multiple-Jammer-Aided Secure Transmission With Receiver-Side Correlation.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

9. On the Diversity of Uncoded OTFS Modulation in Doubly-Dispersive Channels.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

10. Optimal Multi-User Scheduling for the Unbalanced Full-Duplex Buffer-Aided Relay Systems.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

11. Request Delay Based Pricing for Proactive Caching: A Stackelberg Game Approach.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

12. Reverse TDD-based Massive MIMO Systems with Underlay Spectrum-Sharing.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

13. Safeguarding UAV Communications Against Full-Duplex Active Eavesdropper.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

14. Secure Communications in Tiered 5G Wireless Networks with Cooperative Jamming.

Published in: IEEE Transactions on Wireless Communications (Volume: 18 , Issue: 6 , June 2019)

Available Projects

1. A Blind Image Watermarking Method for Personal Medical Data Security

Published in: 2019 International Conference on Networking and Advanced Systems (ICNAS)

2. An Approach to Classify Lung Nodules for Detection of Cancer Cells

Published in: 2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)

3. Perceptual Video Hashing for Content Identification and Authentication

Published in: IEEE Transactions on Circuits and Systems for Video Technology (Volume: 29,Issue: 1 , Jan. 2019

4.Reducing MMV-Based OMP Channel Estimation for Massive MIMO OFDM Systems

Published in: 2019 International Conference on Communications, Information System and   Computer Engineering (CISCE)

5.Face liveness detection:fusing colour texture feature and deep feature Published in: IET Biometrics (Volume: 8 , Issue: 6 , 11 2019)

6. Research on the Method of Hyperspectral and Image Deep Features for Bacon Classification

Published in: 2019 Chinese Control And Decision Conference (CCDC)

7.Throughput Maximization in Full-Duplex Dual-Hop Wireless Powered Communication Networks

Published in: IEEE Access (Volume: 7)

8. Supervised Fine-Grained Cloud Detection and Recognition in Whole-Sky Images

Published in: IEEE Transactions on Geoscience and Remote Sensing (Volume: 57 Issue: 10 , Oct. 2019)

9. A Human Action Recognition Model Inspired by Multiple Scale Temporal Segments Model Fusion

Published in: 2019 11th International Conference on Measuring Technology and Mechatronics Automation (ICMTMA)

10. **Energy Efficiency Optimization for UAV-Assisted Backscatter Communications**

Published in: IEEE Communications Letters (Volume: 23 , Issue: 11 , Nov. 2019)

11. Laryngeal Tumor Detection in Endoscopic Images Based on Convolutional Neural Network

Published in: 2019 IEEE 2nd International Conference on Electronic Information and Communication Technology (ICEICT)

12. Lesion Segmentation and Automated Melanoma Detection using Deep Convolutional Neural Networks and XGBoost

Published in: 2019 International Conference on System Science and Engineering (ICSSE)

13. Dilated Convolutions in Retinal Blood Vessels Segmentation

Published in: 2019 IEEE 6th Portuguese Meeting on Bioengineering (ENBENG)

14. Energy Efficiency Optimization in OFDM based Two-Way DF Relaying Networks with Energy Harvesting

Published in: 2019 15th International Wireless Communications & Mobile Computing Conference (IWCMC)

15. A Near-Optimal Iterative Linear Precoding With Low Complexity for Massive MIMO Systems

Published in: IEEE Communications Letters (Volume: 23 , Issue: 6 , June 2019)

16. Collision Avoidance Energy Efficient Multi-Channel MAC Protocol for Under Water Acoustic Sensor Networks

Published in: IEEE Transactions on Mobile Computing (Volume: 18 , Issue: 10 , Oct. 1 2019)

17. Power Minimization in Multi-tier Networks with Flexible Duplexing

Published in: ICASSP 2019 - 2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)

18. Cooperative Cognitive Radio for Wireless Opportunistic Networks

Published in: 2019 11th International Conference on Communication Systems & Networks (COMSNETS)

19. An Improved Image Inpainting Method Based on Patch Matching and Texture Synthesis

Published in: 2019 Chinese Control And Decision Conference (CCDC)

20. Fast and Accurate Retinal Identification System: Using Retinal Blood Vasculature Landmarks

Published in: IEEE Transactions on Industrial Informatics (Volume: 15 , Issue: 7 , July 2019)

21. Comparative Analysis of Vessel Segmentation Techniques in Retinal Images

Published in: IEEE Access (Volume: 7)

22. Design of Low-Cost Personal Identification System That Uses Combined Palm Vein and Palmprint Biometric Features

Published in: IEEE Access (Volume: 7)

23. Accurate Positioning Siamese Network for Real-Time Object Tracking

Published in: IEEE Access (Volume: 7)-2019

24. Image Quality Assessment of Multi-exposure Image Fusion for Both Static and Dynamic Scene

Published in: 2019 IEEE International Conference on Multimedia and Expo (ICME)

25. A novel objective quality assessment method for video conferencing coding

Published in: China Communications (Volume: 16 , Issue: 4 , April 2019)

26. Induction Motor Fault Diagnosis Using Discrete Wavelet Transform

Published in: 2019 IEEE Canadian Conference of Electrical and Computer Engineering (CCECE)

27. Low Cost Eye Gaze Tracker Using Web Camera

Published in: 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC)

28. Haze Removal Algorithm for Optical Remote Sensing Image Based on Multi-Scale Model and Histogram Characteristic

Published in: IEEE Access (Volume: 7)-2019

29. A New Hybrid Algorithm for Retinal Vessels Segmentation on Fundus Images

Published in: IEEE Access (Volume: 7)-2019

30. No-Reference Quality Assessment for Screen Content Images Based on Hybrid Region Features Fusion

Published in: IEEE Transactions on Multimedia (Volume: 21 , Issue: 8 , Aug. 2019)

31. Computer-aided diagnosis system for ulcer detection in wireless capsule endoscopy images

Published in: IET Image Processing (Volume: 13 , Issue: 6 , 5 2019)

32. An overview on handwritten documents word spotting

Published in: 2019 International Conference on Wireless Technologies, Embedded and Intelligent Systems (WITS)

33. Single Image Super-resolution with Self-similarity

Published in: IEEE Access (Volume: 7)

34. Harmonic Minimization in Three-Phase Hybrid Cascaded Multilevel Inverter Using Modified Particle Swarm Optimization

Published in: IEEE Transactions on Industrial Informatics (Volume: 15 , Issue: 8 , Aug. 2019)

35. Design and Implementing Brain Tumor Detection Using Machine Learning Approach

Published in: 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI)

36. Real-Time Smart Attendance System using Face Recognition Techniques

Published in: 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence)

37. Signal Detection for Batteryless Backscatter Systems with Multiple-Antenna Tags

Published in: 2019 IEEE/CIC International Conference on Communications Workshops in China (ICCC Workshops) Four-Port MIMO Cognitive Radio System for Midband 5G Applications

Published in: IEEE Transactions on Antennas and Propagation (Volume: 67 , Issue: 8 , Aug. 2019)

38. Secure Transmission of Space Images using Joint Encryption Compression

Published in:Conference: 2019 International Conference on Innovative Trends in Computer Engineering (ITCE)

39. Semantic Features Prediction for Pulmonary Nodule Diagnosis Based on Online Streaming Feature Selection

Published in: IEEE Access (Volume: 7)-2019

40. A Scheme for Trustworthy Friendly Jammer Selection in Cooperative Cognitive Radio Networks

Published in: IEEE Transactions on Vehicular Technology (Volume: 68 , Issue: 4 , April 2019)

41. Enhancing bank security using face, iris and finger vein technology.

Published in:Conference: 2018 3rd International Conference On Internet of Things: Smart Innovation and Usages (IoT-SIU)

42. Harmonic Minimization in Three-Phase Hybrid Cascaded Multilevel Inverter Using Modified Particle Swarm Optimization

Published in: IEEE Transactions on Industrial Informatics (Volume: 15 , Issue: 8 , Aug. 2019)

43. Lossless Compression of Grayscale and Colour Images Using Multidimensional CSE

Published in: 2019 11th International Symposium on Image and Signal Processing and Analysis (ISPA)

44. Joint Mode Selection and Resource Allocation for D2D-Enabled NOMA Cellular Networks

Published in: IEEE Transactions on Vehicular Technology (Volume: 68 , Issue: 7 , July 2019)

45. Reduction of PAPR Without Side Information for SFBC MIMO-OFDM Systems

Published in: IEEE Transactions on Broadcasting (Volume: 65 , Issue: 2 , June 2019)

46. Preamble Based Frequency Domain Channel Estimation Method for Optical OFDM/OQAM System

Published in: 2019 IEEE 11th International Conference on Communication Software and   Networks (ICCSN)

47. A Semi-supervised Support Vector Machine Classification Method based on Parameter   Optimization for a Motor Imagery based BCI System

Published in: 2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference (ITNEC)

48. Energy Harvesting-Based D2D Relaying Achieving Energy Cooperation Underlaying

Published in: ICC 2019 - 2019 IEEE International Conference on Communications (ICC)

49. Euclidean-Distance Based Fuzzy Commitment Scheme for Biometric Template Security

Published in: 2019 7th International Workshop on Biometrics and Forensics (IWBF)

50. Enhancing Sketch-Based Image Retrieval by CNN Semantic Re-ranking

Published in: IEEE Transactions on Cybernetics (Early Access)-2019

51. Detection of Retinal Lesions Based on Deep Learning for Diabetic Retinopathy

Published in: 2019 Fifth International Conference on Electrical Energy Systems (ICEES)

52. Diseases Detection of Various Plant Leaf Using Image Processing Techniques: A Review

Published in: 2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)

53. Classification of liver tumors with CEUS based on 3D-CNN

Published in: 2019 IEEE 4th International Conference on Advanced Robotics and Mechatronics   (ICARM)

54. Modeling and Controlling Smart Traffic Light System Using a Rule Based System

Published in: 2019 International Conference on Promising Electronic Technologies (ICPET)

55. An Improved Artificial Bee Colony Algorithm With its Application

Published in: IEEE Transactions on Industrial Informatics (Volume: 15 , Issue: 4 , April 2019)

56. A Framework to Evaluate the Performance of Video Watermarking Techniques

Published in: 2019 IEEE 2nd International Conference on Information and Computer Technologies   (ICICT)

57. Smart mobile application to recognize tomato leaf diseases using Convolutional Neural   Networks

Published in: 2019 International Conference of Computer Science and Renewable Energies   (ICCSRE)

58. Visual Enhancement Techniques For Underwater Images

Published in: 2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)

59.A Node Self-Localization Algorithm With a Mobile Anchor Node in Underwater Acoustic Sensor Networks

Published in: IEEE Access (Volume: 7)-2019

60. Dense Deconvolutional Network for Skin Lesion Segmentation

Published in: IEEE Journal of Biomedical and Health Informatics (Volume: 23 , Issue: 2 ,   March 2019)

61. Multi-Scale Feature Fusion Network for Object Detection in VHR Optical Remote Sensing Images

Published in: IGARSS 2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium

62.Invisibility and Readability of Temporally and Spatially Intensity-Modulated Metaimage   for Information Hiding on Digital Signage Display System

Published in: IEEE Transactions on Industry Applications (Volume: 55 , Issue: 6 , Nov.-Dec. 2019)

63.Anomaly Detection for Visual Quality Control of 3D-Printed Products

Published in: 2019 International Joint Conference on Neural Networks (IJCNN)

64.An In-Depth Survey of Underwater Image Enhancement and Restoration

Published in: IEEE Access (Volume: 7)-2019

65.Power efficient dual-dependent pilots' channel estimation for filter bank multi-carrier   with offset quadrature amplitude modulation

Published in: IET Communications (Volume: 13 , Issue: 4 , 3 5 2019)

66.Hybrid Prediction Models for Rainfall Forecasting

Published in: 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence)

67. Object-Oriented Automatic and Accurate Shadow Detection for Very High Spatial Resolution Satellite Images

Published in: IGARSS 2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium

68. ECG signal processing using classifier to analyses cardiovascular disease

Published in: 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC)

69. A CAD System for Brain Haemorrhage Detection in Head CT Scans

Published in: IEEE EUROCON 2019 -18th International Conference on Smart Technologies

70. White Blood Cell Detection and Counting based on Genetic Algorithm

Published in: 2019 Advances in Science and Engineering Technology International Conferences (ASET)

71. Diseases Detection of Various Plant Leaf Using Image Processing Techniques A Review.

Published in: 2019 5th International Conference on Advanced Computing & Communication   Systems (ICACCS)

72. Energy Detection using Savitzky-Golay Smoothing Method for Spectrum Sensing in Cognitive Radio

Published in: 2019 IEEE 8th Joint International Information Technology and Artificial Intelligence   Conference (ITAIC)

73. An Adaptive Fuzzy Level Set Model With Local Spatial Information for Medical Image Segmentation and Bias Correction

Published in: IEEE Access (Volume: 7)-2019

74.Cooperative Spectrum Sensing in Multichannel Cognitive Radio Networks With Energy   Harvesting

Published in: IEEE Access (Volume: 7)-2019

75.A spectrum sensing algorithm based on correlation coefficient and K-means

Published in: 2019 Eleventh International Conference on Advanced Computational Intelligence   (ICACI)

76.An SINR-Aware Joint Mode Selection, Scheduling, and Resource Allocation Scheme for   D2D Communications

Published in: IEEE Transactions on Vehicular Technology (Volume: 68 , Issue: 5 , May 2019)

77.Optimal Cognitive Radio Spectrum Access with Joint Spectrum Sensing and Power Allocation

Published in: IEEE Wireless Communications Letters (Early Access)

78.PAPR Reduction Scheme for FBMC-OQAM Without Side Information

Published in: ICC 2019 - 2019 IEEE International Conference on Communications (ICC)

79.Pixel Reconstruction For Speckle Reduction In 3D Optical Coherence Tomography Of Retina

Published in: 2019 IEEE 16th International Symposium on Biomedical Imaging (ISBI 2019)

80.Detection of Melanoma with Multiple Machine Learning Classifiers in Dermoscopy Images

Published in: 2019 Medical Technologies Congress (TIPTEKNO)

81.CNN based training and classification of MRI Brain Images

Published in: 2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)

82.A New Method of Mobile Ad Hoc Network Routing Based on Greed Forwarding Improvement Strategy

Published in: IEEE Access (Volume: 7)

83.Energy-Efficient Load Balancing Ant Based Routing Algorithm for Wireless Sensor Networks

Published in: IEEE Access (Volume: 7)-2019

84.A Novel Thresholding Methodology using WSI EMD and Adaptive Homomorphic Filter

Published in: IEEE Transactions on Circuits and Systems II: Express Briefs (Early Access)

85.Social-Aware Routing for Multi-hop D2D Communication in Relay Cellular Networks

Published in: 2019 Eleventh International Conference on Ubiquitous and Future Networks (ICUFN)

86.Transfer Learning for Speech Emotion Recognition

87.Texture-and-Shape Based Active Contour Model for Insulator Segmentation

Published in:Article in IEEE Access PP(99):1-1 · June 2019

88.Face Recognition Using Eigenfaces, Geometrical PCA Approximation and Neural Networks

Published in: 2019 42nd International Conference on Telecommunications and Signal Processing (TSP)

89.Improvements of Energy-Efficient Techniques in WSNs: A MAC-Protocol Approach

Published in: IEEE Communications Surveys & Tutorials (Volume: 21 , Issue: 2 , Secondquarter   2019)

91.Traffic Light Control System for Four-Way Intersection and T-Crossing Using Fuzzy Logic

Published in: 2019 IEEE International Conference on Artificial Intelligence and Computer   Applications (ICAICA)

92.Noise Reduction from Electrocardiogram Signal Using Signal Processing Techniques

Published in: 2019 3rd International conference on Electronics, Communication and Aerospace   Technology (ICECA)

93.Rain-Density Squeeze-and-Excitation Residual Network for Single Image Rain-removal

Published in: 2019 Eleventh International Conference on Advanced Computational Intelligence   (ICACI)

94.Gaussian Noise Removal Algorithm using Statistical Method

Published in: 2019 International Conference on Communication and Signal Processing   (ICCSP)

95.Expression-identity Fusion Network for Facial Expression Recognition

Published in: ICASSP 2019 - 2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)

96.A Hybrid Fake Banknote Detection Model using OCR, Face Recognition and Hough Features

Published in: 2019 Cybersecurity and Cyberforensics Conference (CCC)

97.Feasibility Study of Plant Health Monitoring

Published in: 2019 IEEE International Symposium on Circuits and Systems (ISCAS)

98.Gait Evaluation Using Procrustes and Euclidean Distance Matrix Analysis

Published in: IEEE Journal of Biomedical and Health Informatics (Volume: 23 , Issue: 5, 2019)

99.Maximum Power Point Tracking Control Based on Modified ABC Algorithm for Shaded PV System

Published in: 2019 AEIT International Conference of Electrical and Electronic Technologies for Automotive (AEIT AUTOMOTIVE)

100.Design of Control System for ARM Vehicle Robot

Published in: 2019 International Conference on Robots & Intelligent System (ICRIS)

101.Autonomous Navigation Using Natural Landmark Measurements for Earth Orbit Satellites

Published in: 2019 Chinese Control Conference (CCC)

102.Sleep Apnea and Hypopnea Detection Algorithm

Published in: 2019 Ural Symposium on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT)

103.Fingerprint Image Identification for Crime Detection

Published in: 2019 International Conference on Communication and Signal Processing (ICCSP)

104.Prediction of the chlorophyll content in pomegranate leaves based on digital image processing technology and stacked sparse autoencoder

Published in:Journal International Journal of Food Properties Volume 22, 2019 - Issue 1

105.Automatic Human Brain Tumor Detection in MRI Image Using Template-Based K Means and Improved Fuzzy C Means Clustering Algorithm

Published in:Big Data Cogn. Comput. 2019, 3(2), 27;

106.Automatic Detection of Hard Exudates in Color Retinal Images Using Dynamic Threshold and SVM Classification: Algorithm Development and Evaluation

Published in: BioMed Research International 2019(6a):1-13 · January 2019

107.Vision-based Approaches for Automatic Food Recognition and Dietary Assessment: A Survey

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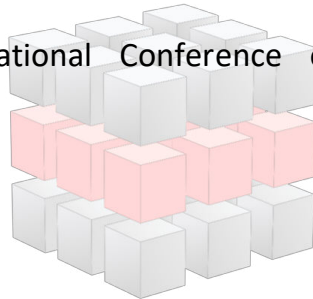**130. Vision-based Approaches for Automatic Food Recognition and Dietary Assessment: A Survey**

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