

# David Zhang, Dapeng

## List of Publications by Year in descending order

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843  
papers

55,125  
citations

1980

101  
h-index

1928

207  
g-index

897  
all docs

897  
docs citations

897  
times ranked

35450  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Enhanced Spatial Feature Learning for Weakly Supervised Object Detection. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 961-972.  | 7.2 | 6         |
| 2  | Facial Expression Recognition in the Wild Using Multi-Level Features and Attention Mechanisms. IEEE Transactions on Affective Computing, 2023, 14, 451-462.  | 5.7 | 44        |
| 3  | Learning Context-Based Nonlocal Entropy Modeling for Image Compression. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1132-1145.  | 7.2 | 9         |
| 4  | Self-Supervised Attentive Generative Adversarial Networks for Video Anomaly Detection. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9389-9403.                                   | 7.2 | 24        |
| 5  | Pedestrian Detection by Exemplar-Guided Contrastive Learning. IEEE Transactions on Image Processing, 2023, 32, 2003-2016.  | 6.0 | 5         |
| 6  | Multiscale Conditional Regularization for Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2022, 52, 444-458.  | 6.2 | 8         |
| 7  | Addi-Reg: A Better Generalization-Optimization Tradeoff Regularization Method for Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2022, 52, 10827-10842.                                | 6.2 | 3         |
| 8  | Self-Supervised Exclusive-Inclusive Interactive Learning for Multi-Label Facial Expression Recognition in the Wild. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3190-3202. | 5.6 | 20        |
| 9  | Semantic-Interactive Graph Convolutional Network for Multilabel Image Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4887-4899.                                     | 5.9 | 17        |
| 10 | Multi-Label Chest X-Ray Image Classification via Semantic Similarity Graph Embedding. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2455-2468.                               | 5.6 | 25        |
| 11 | Learning Informative and Discriminative Features for Facial Expression Recognition in the Wild. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3178-3189.                     | 5.6 | 23        |
| 12 | Asymmetric CNN for Image Superresolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3718-3730.  | 5.9 | 56        |
| 13 | Deformable Template Network (DTN) for Object Detection. IEEE Transactions on Multimedia, 2022, 24, 2058-2068.  | 5.2 | 18        |
| 14 | AVLSM: Adaptive Variational Level Set Model for Image Segmentation in the Presence of Severe Intensity Inhomogeneity and High Noise. IEEE Transactions on Image Processing, 2022, 31, 43-57.             | 6.0 | 19        |
| 15 | High Resolution Fingerprint Retrieval Based on Pore Indexing and Graph Comparison. IEEE Transactions on Information Forensics and Security, 2022, 17, 226-236.   | 4.5 | 2         |
| 16 | Multi-View Speech Emotion Recognition Via Collective Relation Construction. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 218-229.  | 4.0 | 23        |
| 17 | Stepwise-Refining Speech Separation Network via Fine-Grained Encoding in High-Order Latent Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 378-393.                     | 4.0 | 4         |
| 18 | Innovative Contactless Palmprint Recognition System Based on Dual-Camera Alignment. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6464-6476.                                    | 5.9 | 9         |

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|----|--|-----|-----------|
| 19 | TDPN: Texture and Detail-Preserving Network for Single Image Super-Resolution. IEEE Transactions on Image Processing, 2022, 31, 2375-2389.   | 6.0 | 13        |
| 20 | Real noise image adjustment networks for saliency-aware stylistic color retouch. Knowledge-Based Systems, 2022, 242, 108317.   | 4.0 | 6         |
| 21 | Wrist pulse signal acquisition and analysis for disease diagnosis: A review. Computers in Biology and Medicine, 2022, 143, 105312.   | 3.9 | 14        |
| 22 | BESS: Balanced evolutionary semi-stacking for disease detection using partially labeled imbalanced data. Information Sciences, 2022, 594, 233-248.   | 4.0 | 3         |
| 23 | RVLSM: Robust variational level set method for image segmentation with intensity inhomogeneity and high noise. Information Sciences, 2022, 596, 439-459.   | 4.0 | 15        |
| 24 | Pressure wrist pulse signal analysis by sparse decomposition using improved Gabor function. Computer Methods and Programs in Biomedicine, 2022, 219, 106766.   | 2.6 | 4         |
| 25 | Information Fusion. , 2022, , .  |     | 10        |
| 26 | Information Fusion Based on Score/Weight Classifier Fusion. , 2022, , 175-196.   |     | 1         |
| 27 | Touchless palmpoint recognition based on 3D Gabor template and block feature refinement. Knowledge-Based Systems, 2022, 249, 108855.   | 4.0 | 7         |
| 28 | DS-TransUNet: Dual Swin Transformer U-Net for Medical Image Segmentation. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15.  | 2.4 | 173       |
| 29 | Image super-resolution with an enhanced group convolutional neural network. Neural Networks, 2022, 153, 373-385.   | 3.3 | 43        |
| 30 | Generative Memory-Guided Semantic Reasoning Model for Image Inpainting. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7432-7447.   | 5.6 | 8         |
| 31 | Fast Pore Comparison for High Resolution Fingerprint Images Based on Multiple Co-Occurrence Descriptors and Local Topology Similarities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5721-5731. | 5.9 | 3         |
| 32 | Harmonization Shared Autoencoder Gaussian Process Latent Variable Model With Relaxed Hamming Distance. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5093-5107.                                     | 7.2 | 2         |
| 33 | AdvKin: Adversarial Convolutional Network for Kinship Verification. IEEE Transactions on Cybernetics, 2021, 51, 5883-5896.   | 6.2 | 30        |
| 34 | Learning Content-Weighted Deep Image Compression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3446-3461.   | 9.7 | 30        |
| 35 | Illuminance Compensation and Texture Enhancement via the Hodge Decomposition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 956-971.   | 5.6 | 0         |
| 36 | A Novel Multicamera System for High-Speed Touchless Palm Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1534-1548.  | 5.9 | 24        |

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|----|---|------|-----------|
| 37 | Shared Linear Encoder-Based Multikernel Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Cybernetics, 2021, 51, 534-547.                    | 6.2  | 13        |
| 38 | Asymmetric Gaussian Process multi-view learning for visual classification. Information Fusion, 2021, 65, 108-118.   | 11.7 | 20        |
| 39 | Simultaneous Fidelity and Regularization Learning for Image Restoration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 284-299.                       | 9.7  | 54        |
| 40 | Scaled Simplex Representation for Subspace Clustering. IEEE Transactions on Cybernetics, 2021, 51, 1493-1505.   | 6.2  | 43        |
| 41 | Unconstrained Palmprint Biometrics. , 2021, , 1-5.  |      | 0         |
| 42 | Deep-Masking Generative Network: A Unified Framework for Background Restoration From Superimposed Images. IEEE Transactions on Image Processing, 2021, 30, 4867-4882.             | 6.0  | 23        |
| 43 | CompNet: Competitive Neural Network for Palmprint Recognition Using Learnable Gabor Kernels. IEEE Signal Processing Letters, 2021, 28, 1739-1743.                                 | 2.1  | 17        |
| 44 | Jointly learning compact multi-view hash codes for few-shot FKP recognition. Pattern Recognition, 2021, 115, 107894.  | 5.1  | 11        |
| 45 | Designing and training of a dual CNN for image denoising. Knowledge-Based Systems, 2021, 226, 106949.   | 4.0  | 82        |
| 46 | Layer-Output Guided Complementary Attention Learning for Image Defocus Blur Detection. IEEE Transactions on Image Processing, 2021, 30, 3748-3763.                                | 6.0  | 18        |
| 47 | Palmprint Recognition. , 2021, , 1-7.   |      | 0         |
| 48 | Multimodal Emotion Recognition With Temporal and Semantic Consistency. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3592-3603.                        | 4.0  | 18        |
| 49 | Deep Cascade Model-Based Face Recognition: When Deep-Layered Learning Meets Small Data. IEEE Transactions on Image Processing, 2020, 29, 1016-1029.                               | 6.0  | 49        |
| 50 | Guide Subspace Learning for Unsupervised Domain Adaptation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3374-3388.                                       | 7.2  | 79        |
| 51 | Optimal Projection Guided Transfer Hashing for Image Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3788-3802.                              | 5.6  | 22        |
| 52 | Relaxed Asymmetric Deep Hashing Learning: Point-to-Angle Matching. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4791-4805.                                | 7.2  | 6         |
| 53 | Features fusion of multichannel wrist pulse signal based on KL-MGDCCA and decision level combination. Biomedical Signal Processing and Control, 2020, 57, 101751.                 | 3.5  | 17        |
| 54 | Lesion Location Attention Guided Network for Multi-Label Thoracic Disease Classification in Chest X-Rays. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2016-2027. | 3.9  | 38        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Deep-Like Hashing-in-Hash for Visual Retrieval: An Embarrassingly Simple Method. IEEE Transactions on Image Processing, 2020, 29, 8149-8162.   | 6.0 | 7         |
| 56 | Remove Cosine Window From Correlation Filter-Based Visual Trackers: When and How. IEEE Transactions on Image Processing, 2020, 29, 7045-7060.  | 6.0 | 7         |
| 57 | Efficient and Effective Context-Based Convolutional Entropy Modeling for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 5900-5911.                                  | 6.0 | 37        |
| 58 | DRPL: Deep Regression Pair Learning for Multi-Focus Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 4816-4831.  | 6.0 | 112       |
| 59 | Similarity and diversity induced paired projection for cross-modal retrieval. Information Sciences, 2020, 539, 215-228.  | 4.0 | 13        |
| 60 | Feature Extraction for 3-D Palmprint Recognition: A Survey. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 645-656.   | 2.4 | 33        |
| 61 | Label Co-Occurrence Learning With Graph Convolutional Networks for Multi-Label Chest X-Ray Image Classification. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2292-2302. | 3.9 | 76        |
| 62 | Tongue Image Alignment via Conformal Mapping for Disease Detection. IEEE Access, 2020, 8, 9796-9808.   | 2.6 | 11        |
| 63 | 3D palmprint identification using blocked histogram and improved sparse representation-based classifier. Neural Computing and Applications, 2020, 32, 12547-12560.                       | 3.2 | 3         |
| 64 | Advanced Fingerprint Recognition: From 3D Shape to Ridge Detail. , 2020, , .   |     | 3         |
| 65 | Fingerprint Pore Matching. , 2020, , 165-187.  |     | 1         |
| 66 | Book Review and Future Work. , 2020, , 207-212.  |     | 0         |
| 67 | Quality Assessment of High Resolution Fingerprints. , 2020, , 189-197.   |     | 0         |
| 68 | Overview: High Resolution Fingerprints. , 2020, , 77-87.   |     | 0         |
| 69 | Fusion of Extended Fingerprint Features. , 2020, , 199-206.  |     | 0         |
| 70 | Overview: 3D Fingerprints. , 2020, , 9-13.   |     | 1         |
| 71 | Book Review and Future Work. , 2020, , 167-170.  |     | 0         |
| 72 | Glottal Closure Instants Detection. , 2020, , 75-106.  |     | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
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| 73 | Applications of 3D Fingerprints. , 2020, , 59-75.  |     | 0         |
| 74 | Pitch Estimation. , 2020, , 47-74.   |     | 0         |
| 75 | High Resolution Fingerprint Acquisition. , 2020, , 89-105.   |     | 0         |
| 76 | Pore-Based Partial Fingerprint Alignment. , 2020, , 139-164.   |     | 0         |
| 77 | Robust Multi-View Discriminative Learning for Voice Based Disease Detection. , 2020, , 147-166.  |     | 0         |
| 78 | Feature Learning. , 2020, , 107-121.   |     | 0         |
| 79 | Joint Learning for Voice Based Disease Detection. , 2020, , 123-145.   |     | 1         |
| 80 | Pathological Voice Acquisition. , 2020, , 29-45.   |     | 0         |
| 81 | Sparse decomposition of pressure pulse wave signal based on time frequency analysis. , 2020, , .   |     | 3         |
| 82 | Visual Classification With Multikernel Shared Gaussian Process Latent Variable Model. IEEE Transactions on Cybernetics, 2019, 49, 2886-2899.   | 6.2 | 4         |
| 83 | Structurally Incoherent Low-Rank 2DLPP for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1701-1714.                                | 5.6 | 20        |
| 84 | High resolution fingerprint recognition using pore and edge descriptors. Pattern Recognition Letters, 2019, 125, 773-779.  | 2.6 | 24        |
| 85 | Dual Asymmetric Deep Hashing Learning. IEEE Access, 2019, 7, 113372-113384.  | 2.6 | 14        |
| 86 | Sparse, collaborative, or nonnegative representation: Which helps pattern classification?. Pattern Recognition, 2019, 88, 679-688.   | 5.1 | 106       |
| 87 | Synthesis and Antibacterial Evaluation of Cephalosporin Isosteres. Asian Journal of Organic Chemistry, 2019, 8, 1053-1057.   | 1.3 | 4         |
| 88 | A Robust Wrist Pulse Acquisition System Based on Multisensor Collaboration and Signal Quality Assessment. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4807-4816. | 2.4 | 18        |
| 89 | Manifold Criterion Guided Transfer Learning via Intermediate Domain Generation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3759-3773.                      | 7.2 | 82        |
| 90 | Effect of C-2 substitution on the stability of non-traditional cephalosporins in mouse plasma. Journal of Antibiotics, 2019, 72, 469-475.  | 1.0 | 0         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 91  | Body surface feature-based multi-modal Learning for Diabetes Mellitus detection. Information Sciences, 2019, 472, 1-14.   | 4.0  | 21        |
| 92  | Fingerprint Pore Comparison Using Local Features and Spatial Relations. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2927-2940.                        | 5.6  | 17        |
| 93  | Robust Deep Softmax Regression Against Label Noise for Unsupervised Domain Adaptation. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33, 1940002. | 0.7  | 2         |
| 94  | Person Recognition Using 3-D Palmprint Data Based on Full-Field Sinusoidal Fringe Projection. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3287-3298.            | 2.4  | 19        |
| 95  | Joint learning for voice based disease detection. Pattern Recognition, 2019, 87, 130-139.   | 5.1  | 15        |
| 96  | Low-Rank 2-D Neighborhood Preserving Projection for Enhanced Robust Image Representation. IEEE Transactions on Cybernetics, 2019, 49, 1859-1872.                                    | 6.2  | 47        |
| 97  | Feature Extraction Methods for Palmprint Recognition: A Survey and Evaluation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 346-363.                      | 5.9  | 143       |
| 98  | Generative multi-view and multi-feature learning for classification. Information Fusion, 2019, 45, 215-226.   | 11.7 | 63        |
| 99  | Horizontal and Vertical Nuclear Norm-Based 2DLDA for Image Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 941-955.                       | 5.6  | 18        |
| 100 | Radial artery pulse waveform analysis based on curve fitting using discrete Fourier series. Computer Methods and Programs in Biomedicine, 2019, 174, 25-31.                         | 2.6  | 18        |
| 101 | Partial Deconvolution With Inaccurate Blur Kernel. IEEE Transactions on Image Processing, 2018, 27, 511-524.  | 6.0  | 23        |
| 102 | External Prior Guided Internal Prior Learning for Real-World Noisy Image Denoising. IEEE Transactions on Image Processing, 2018, 27, 2996-3010.                                     | 6.0  | 105       |
| 103 | Two-phase linear reconstruction measure-based classification for face recognition. Information Sciences, 2018, 433-434, 17-36.  | 4.0  | 29        |
| 104 | F-SVM: Combination of Feature Transformation and SVM Learning via Convex Relaxation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5185-5199.                | 7.2  | 79        |
| 105 | Discriminative and Robust Competitive Code for Palmprint Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 232-241.                               | 5.9  | 105       |
| 106 | Data-Driven Facial Beauty Analysis: Prediction, Retrieval and Manipulation. IEEE Transactions on Affective Computing, 2018, 9, 205-216.   | 5.7  | 27        |
| 107 | Learning Domain-Invariant Subspace Using Domain Features and Independence Maximization. IEEE Transactions on Cybernetics, 2018, 48, 288-299.  | 6.2  | 146       |
| 108 | Efficient Solutions for Discreteness, Drift, and Disturbance (3D) in Electronic Olfaction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 242-254.          | 5.9  | 39        |

| #   | ARTICLE   | IF  | CITATIONS |
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| 109 | 3D Fingerprint Reconstruction and Recognition. , 2018, , 177-212.   |     | 3         |
| 110 | Robust Discriminant Regression for Feature Extraction. IEEE Transactions on Cybernetics, 2018, 48, 2472-2484.   | 6.2 | 70        |
| 111 | Local Features for Finger-Knuckle-Print Recognition. , 2018, , 111-130.   |     | 1         |
| 112 | Line Scan Palmprint Recognition System. , 2018, , 235-257.  |     | 4         |
| 113 | A Hybrid I1-I0 Layer Decomposition Model for Tone Mapping. , 2018, , .  |     | 83        |
| 114 | Performance Improvement of Dorsal Hand Recognition via Multi-band Selection. , 2018, , .  |     | 1         |
| 115 | Learning Convolutional Networks for Content-Weighted Image Compression. , 2018, , .   |     | 227       |
| 116 | Sparsity and Geometry Preserving Graph Embedding for Dimensionality Reduction. IEEE Access, 2018, 6, 75748-75766.                                       | 2.6 | 24        |
| 117 | Comparison Between Pulse and ECG. , 2018, , 301-318.  |     | 0         |
| 118 | Cross-Domain Subspace Learning Approach. , 2018, , 193-208.   |     | 0         |
| 119 | A Trilateral Weighted Sparse Coding Scheme for Real-World Image Denoising. Lecture Notes in Computer Science, 2018, , 21-38.                            | 1.0 | 137       |
| 120 | Electronic Nose: Algorithmic Challenges. , 2018, , .  |     | 8         |
| 121 | Computational Pulse Signal Analysis. , 2018, , .  |     | 10        |
| 122 | Multi-feature Semi-supervised Learning Approach. , 2018, , 225-245.   |     | 1         |
| 123 | Influence of sampling rate on voice analysis for assessment of Parkinson's disease. Journal of the Acoustical Society of America, 2018, 144, 1416-1423. | 0.5 | 6         |
| 124 | E-Nose Algorithms and Challenges. , 2018, , 11-20.  |     | 5         |
| 125 | Baseline Wander Correction in Pulse Waveforms Using Wavelet-Based Cascaded Adaptive Filter. , 2018, , 65-90.  |     | 1         |
| 126 | Learning acoustic features to detect Parkinson's disease. Neurocomputing, 2018, 318, 102-108.   | 3.5 | 24        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | Shared Autoencoder Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4272-4286. | 7.2 | 24        |
| 128 | Learning Parts-Based and Global Representation for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3345-3360.        | 5.6 | 14        |
| 129 | Complete Binary Representation for 3-D Palmprint Recognition. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2761-2771.                             | 2.4 | 23        |
| 130 | Hand Back Skin Texture for Personal Identification. , 2018, , 213-233.   |     | 1         |
| 131 | The Resolution for Fingerprint Recognition. , 2018, , 65-81.   |     | 1         |
| 132 | Finger-Knuckle-Print Verification. , 2018, , 85-109.   |     | 3         |
| 133 | Generalized Feature Extraction for Wrist Pulse Analysis: From 1-D Time Series to 2-D Matrix. , 2018, , 169-189.  |     | 6         |
| 134 | Shared Linear Encoder-based Gaussian Process Latent Variable Model for Visual Classification. , 2018, , .  |     | 5         |
| 135 | Dynamic Tongueprint Recognition. , 2018, , 287-308.  |     | 0         |
| 136 | Global Information for Finger-Knuckle-Print Recognition. , 2018, , 131-149.  |     | 2         |
| 137 | Door Knob Hand Recognition System. , 2018, , 259-284.  |     | 0         |
| 138 | Online 3D Ear Recognition. , 2018, , 309-328.  |     | 3         |
| 139 | Fingerprint Pore Modeling and Extraction. , 2018, , 41-63.   |     | 1         |
| 140 | Comparison of Three Different Types of Wrist Pulse Signals. , 2018, , 281-300.   |     | 0         |
| 141 | Modified Gaussian Models and Fuzzy C-Means. , 2018, , 231-246.   |     | 0         |
| 142 | Advanced Biometrics. , 2018, , .   |     | 8         |
| 143 | Optimized Preprocessing Framework for Wrist Pulse Analysis. , 2018, , 109-132.   |     | 0         |
| 144 | Combination of Heterogeneous Features for Wrist Pulse Blood Flow Signal Diagnosis via Multiple Kernel Learning. , 2018, , 261-278.                                   |     | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Pulse Signal Acquisition Using Multi-sensors. , 2018, , 35-62.   |     | 1         |
| 146 | Discussion and Future Work. , 2018, , 319-323.   |     | 0         |
| 147 | Detection of Saturation and Artifact. , 2018, , 91-107.  |     | 0         |
| 148 | Characterization of Inter-Cycle Variations for Wrist Pulse Diagnosis. , 2018, , 191-213.   |     | 0         |
| 149 | Self-expression-Based Abnormal Odor Detection. , 2018, , 279-298.  |     | 0         |
| 150 | Pattern Mismatch Guided Interference Elimination. , 2018, , 265-278.   |     | 0         |
| 151 | Domain Regularized Subspace Projection Method. , 2018, , 173-191.  |     | 0         |
| 152 | Edit Distance for Pulse Diagnosis. , 2018, , 217-230.  |     | 0         |
| 153 | Compound Pressure Signal Acquisition. , 2018, , 13-34.   |     | 0         |
| 154 | Local Kernel Discriminant Analysis-Based Odor Recognition. , 2018, , 95-113.   |     | 0         |
| 155 | Domain Correction-Based Adaptive Extreme Learning Machine. , 2018, , 209-224.  |     | 0         |
| 156 | Door Knob Hand Recognition System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2870-2881.   | 5.9 | 8         |
| 157 | A Locality-Constrained and Label Embedding Dictionary Learning Algorithm for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 278-293. | 7.2 | 149       |
| 158 | Nonnegative Discriminant Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1392-1405.  | 5.6 | 51        |
| 159 | Rotational Invariant Dimensionality Reduction Algorithms. IEEE Transactions on Cybernetics, 2017, 47, 3733-3746.   | 6.2 | 89        |
| 160 | Tongue Image Analysis. , 2017, , .   |     | 12        |
| 161 | Hyperspectral Tongue Image Classification. , 2017, , 251-261.  |     | 0         |
| 162 | Introduction to Tongue Image Analysis. , 2017, , 3-18.   |     | 0         |

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|-----|---|-----|-----------|
| 163 | Detecting Diabetes Mellitus and Nonproliferative Diabetic Retinopathy Using CTD. , 2017, , 303-325.   |     | 5         |
| 164 | Tongue Segmentation in Hyperspectral Images. , 2017, , 89-102.  |     | 0         |
| 165 | A Survey of Dictionary Learning Algorithms for Face Recognition. IEEE Access, 2017, 5, 8502-8514.   | 2.6 | 115       |
| 166 | Joint distance and similarity measure learning based on triplet-based constraints. Information Sciences, 2017, 406-407, 119-132.  | 4.0 | 8         |
| 167 | Facial beauty analysis based on geometric feature: Toward attractiveness assessment application. Expert Systems With Applications, 2017, 82, 252-265.                                     | 4.4 | 32        |
| 168 | Nuclear Norm-Based 2DLPP for Image Classification. IEEE Transactions on Multimedia, 2017, 19, 2391-2403.  | 5.2 | 26        |
| 169 | Improving texture analysis performance in biometrics by adjusting image sharpness. Pattern Recognition, 2017, 66, 16-25.  | 5.1 | 12        |
| 170 | Evolutionary Cost-Sensitive Discriminative Learning With Application to Vision and Olfaction. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 198-211.                    | 2.4 | 5         |
| 171 | 3D palmprint identification combining blocked ST and PCA. Pattern Recognition Letters, 2017, 100, 89-95.  | 2.6 | 31        |
| 172 | Deep Location-Specific Tracking. , 2017, , .  |     | 22        |
| 173 | GMAT: Glottal closure instants detection based on the Multiresolution Absolute Teagerâ€Kaiser energy operator. , 2017, 69, 286-299.   |     | 10        |
| 174 | Joint discriminative and collaborative representation for fatty liver disease diagnosis. Expert Systems With Applications, 2017, 89, 31-40.   | 4.4 | 36        |
| 175 | Correcting Instrumental Variation and Time-Varying Drift Using Parallel and Serial Multitask Learning. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2306-2316.         | 2.4 | 15        |
| 176 | Domain class consistency based transfer learning for image classification across domains. Information Sciences, 2017, 418-419, 242-257.   | 4.0 | 36        |
| 177 | Distance Metric Learning via Iterated Support Vector Machines. IEEE Transactions on Image Processing, 2017, 26, 4937-4950.  | 6.0 | 29        |
| 178 | Generalized Feature Extraction for Wrist Pulse Analysis: From 1-D Time Series to 2-D Matrix. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 978-985.                        | 3.9 | 23        |
| 179 | Evolutionary Cost-Sensitive Extreme Learning Machine. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 3045-3060.   | 7.2 | 131       |
| 180 | A New Discriminative Sparse Representation Method for Robust Face Recognition via $L_{2}$ Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2233-2242. | 7.2 | 151       |

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|-----|--|-----|-----------|
| 181 | An optimized palmprint recognition approach based on image sharpness. Pattern Recognition Letters, 2017, 85, 65-71.                            | 2.6 | 24        |
| 182 | Joint similar and specific learning for diabetes mellitus and impaired glucose regulation detection. Information Sciences, 2017, 384, 191-204. | 4.0 | 43        |
| 183 | Multi-channel Weighted Nuclear Norm Minimization for Real Color Image Denoising. , 2017, , .   |     | 194       |
| 184 | Learning a real-time generic tracker using convolutional neural networks. , 2017, , .  |     | 2         |
| 185 | A Coordinate Descent Method for Total Variation Minimization. Mathematical Problems in Engineering, 2017, 2017, 1-13.                          | 0.6 | 3         |
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