# Xiaoqiang Lu

## List of Publications by Year in descending order

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|---|---|---|---|
| 170 papers | 10,898 citations | 44069 48 h-index | 33894 99 g-index |
| 171 all docs | 171 docs citations | 171 times ranked | 6405 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Remote Sensing Image Scene Classification: Benchmark and State of the Art. Proceedings of the IEEE, 2017, 105, 1865-1883. | 21.3 | 1,570 |
| 2 | AID: A Benchmark Data Set for Performance Evaluation of Aerial Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3965-3981. | 6.3 | 1,291 |
| 3 | Manifold Regularized Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2815-2826. | 6.3 | 322 |
| 4 | Graph-Regularized Low-Rank Representation for Destriping of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4009-4018. | 6.3 | 276 |
| 5 | Exploring Models and Data for Remote Sensing Image Caption Generation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2183-2195. | 6.3 | 274 |
| 6 | Remote Sensing Scene Classification by Unsupervised Representation Learning. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5148-5157. | 6.3 | 242 |
| 7 | Spectralâ€“Spatial Attention Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3232-3245. | 6.3 | 239 |
| 8 | Hyperspectral Image Superresolution by Transfer Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1963-1974. | 4.9 | 183 |
| 9 | Scene Recognition by Manifold Regularized Deep Learning Architecture. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2222-2233. | 11.3 | 178 |
| 10 | Discovering Diverse Subset for Unsupervised Hyperspectral Band Selection. IEEE Transactions on Image Processing, 2017, 26, 51-64. | 9.8 | 174 |
| 11 | Remote Sensing Scene Classification by Gated Bidirectional Network. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 82-96. | 6.3 | 172 |
| 12 | Nonlocal Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8246-8257. | 6.3 | 165 |
| 13 | Hierarchical and Robust Convolutional Neural Network for Very High-Resolution Remote Sensing Object Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5535-5548. | 6.3 | 163 |
| 14 | A Feature Aggregation Convolutional Neural Network for Remote Sensing Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7894-7906. | 6.3 | 146 |
| 15 | Spatiotemporal Statistics for Video Quality Assessment. IEEE Transactions on Image Processing, 2016, 25, 3329-3342. | 9.8 | 140 |
| 16 | Learning deep event models for crowd anomaly detection. Neurocomputing, 2017, 219, 548-556. | 5.9 | 140 |
| 17 | Joint Dictionary Learning for Multispectral Change Detection. IEEE Transactions on Cybernetics, 2017, 47, 884-897. | 9.5 | 139 |
| 18 | HSA-RNN: Hierarchical Structure-Adaptive RNN for Video Summarization. , 2018, , . | | 135 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Semi-Supervised Multitask Learning for Scene Recognition. IEEE Transactions on Cybernetics, 2015, 45, 1967-1976. | 9.5 | 132 |
| 20 | Latent Semantic Minimal Hashing for Image Retrieval. IEEE Transactions on Image Processing, 2017, 26, 355-368. | 9.8 | 126 |
| 21 | Deep semantic understanding of high resolution remote sensing image. , 2016, , . | | 121 |
| 22 | Hierarchical Recurrent Neural Network for Video Summarization. , 2017, , . | | 119 |
| 23 | A Supervised Segmentation Network for Hyperspectral Image Classification. IEEE Transactions on Image Processing, 2021, 30, 2810-2825. | 9.8 | 114 |
| 24 | Double Constrained NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2746-2758. | 6.3 | 112 |
| 25 | Hierarchical Recurrent Neural Hashing for Image Retrieval With Hierarchical Convolutional Features. IEEE Transactions on Image Processing, 2018, 27, 106-120. | 9.8 | 106 |
| 26 | CAM-RNN: Co-Attention Model Based RNN for Video Captioning. IEEE Transactions on Image Processing, 2019, 28, 5552-5565. | 9.8 | 97 |
| 27 | A Deep Scene Representation for Aerial Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4799-4809. | 6.3 | 96 |
| 28 | A General Framework for Edited Video and Raw Video Summarization. IEEE Transactions on Image Processing, 2017, 26, 3652-3664. | 9.8 | 94 |
| 29 | A Hybrid Sparsity and Distance-Based Discrimination Detector for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1704-1717. | 6.3 | 91 |
| 30 | Surveillance Video Synopsis via Scaling Down Objects. IEEE Transactions on Image Processing, 2016, 25, 740-755. | 9.8 | 90 |
| 31 | A CNNâ€“RNN architecture for multi-label weather recognition. Neurocomputing, 2018, 322, 47-57. | 5.9 | 87 |
| 32 | Remote Sensing Image Scene Classification Using Rearranged Local Features. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1779-1792. | 6.3 | 87 |
| 33 | Multisource Compensation Network for Remote Sensing Cross-Domain Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2504-2515. | 6.3 | 82 |
| 34 | Alternatively Constrained Dictionary Learning For Image Superresolution. IEEE Transactions on Cybernetics, 2014, 44, 366-377. | 9.5 | 81 |
| 35 | Rotation-Invariant Attention Network for Hyperspectral Image Classification. IEEE Transactions on Image Processing, 2022, 31, 4251-4265. | 9.8 | 80 |
| 36 | Semi-supervised change detection method for multi-temporal hyperspectral images. Neurocomputing, 2015, 148, 363-375. | 5.9 | 77 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Semantic Descriptions of High-Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1274-1278. | 3.1 | 74 |
| 38 | Image Super-Resolution Via Double Sparsity Regularized Manifold Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 2022-2033. | 8.3 | 71 |
| 39 | Spectralâ€“Spatial Kernel Regularized for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3815-3832. | 6.3 | 71 |
| 40 | Robust visual tracking with discriminative sparse learning. Pattern Recognition, 2013, 46, 1762-1771. | 8.1 | 70 |
| 41 | Dimensionality Reduction by Spatialâ€“Spectral Preservation in Selected Bands. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5185-5197. | 6.3 | 67 |
| 42 | Exploiting Embedding Manifold of Autoencoders for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1527-1537. | 6.3 | 65 |
| 43 | Group sparse reconstruction for image segmentation. Neurocomputing, 2014, 136, 41-48. | 5.9 | 64 |
| 44 | Temporal Multimodal Learning in Audiovisual Speech Recognition. , 2016, , . | | 62 |
| 45 | Substance Dependence Constrained Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2975-2986. | 6.3 | 58 |
| 46 | A Coarse-to-Fine Semi-Supervised Change Detection for Multispectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3587-3599. | 6.3 | 58 |
| 47 | The Spectral-Spatial Joint Learning for Change Detection in Multispectral Imagery. Remote Sensing, 2019, 11, 240. | 4.0 | 58 |
| 48 | Deep Cross-Modal Imageâ€“Voice Retrieval in Remote Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7049-7061. | 6.3 | 56 |
| 49 | Sound Active Attention Framework for Remote Sensing Image Captioning. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1985-2000. | 6.3 | 53 |
| 50 | MAM-RNN: Multi-level Attention Model Based RNN for Video Captioning. , 2017, , . | | 53 |
| 51 | Sparse Coding From a Bayesian Perspective. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 929-939. | 11.3 | 52 |
| 52 | Statistical Hypothesis Detector for Abnormal Event Detection in Crowded Scenes. IEEE Transactions on Cybernetics, 2017, 47, 3597-3608. | 9.5 | 51 |
| 53 | Robust Spaceâ€“Frequency Joint Representation for Remote Sensing Image Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7492-7502. | 6.3 | 51 |
| 54 | Gated and Axis-Concentrated Localization Network for Remote Sensing Object Detection. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 179-192. | 6.3 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Mutual Attention Inception Network for Remote Sensing Visual Question Answering. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14. | 6.3 | 48 |
| 56 | Property-Constrained Dual Learning for Video Summarization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3989-4000. | 11.3 | 47 |
| 57 | Face Sketch Synthesis by Multidomain Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1419-1428. | 11.3 | 46 |
| 58 | TTH-RNN: Tensor-Train Hierarchical Recurrent Neural Network for Video Summarization. IEEE Transactions on Industrial Electronics, 2021, 68, 3629-3637. | 7.9 | 46 |
| 59 | Bidirectional adaptive feature fusion for remote sensing scene classification. Neurocomputing, 2019, 328, 135-146. | 5.9 | 45 |
| 60 | Multisource Remote Sensing Data Classification With Graph Fusion Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10062-10072. | 6.3 | 45 |
| 61 | Generalized Scene Classification From Small-Scale Datasets With Multitask Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11. | 6.3 | 44 |
| 62 | Local structure learning in high resolution remote sensing image retrieval. Neurocomputing, 2016, 207, 813-822. | 5.9 | 43 |
| 63 | Structured dictionary learning for abnormal event detection in crowded scenes. Pattern Recognition, 2018, 73, 99-110. | 8.1 | 42 |
| 64 | Key Frame Extraction in the Summary Space. IEEE Transactions on Cybernetics, 2018, 48, 1923-1934. | 9.5 | 41 |
| 65 | Subspace Clustering Constrained Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3007-3019. | 6.3 | 41 |
| 66 | Deep balanced discrete hashing for image retrieval. Neurocomputing, 2020, 403, 224-236. | 5.9 | 41 |
| 67 | Unsupervised Change Detection by Cross-Resolution Difference Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16. | 6.3 | 41 |
| 68 | Projection-Based NMF for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2632-2643. | 4.9 | 40 |
| 69 | Retrieval Topic Recurrent Memory Network for Remote Sensing Image Captioning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 256-270. | 4.9 | 40 |
| 70 | Spectralâ€“Spatial Joint Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2391-2402. | 6.3 | 40 |
| 71 | Image quality assessment: A sparse learning way. Neurocomputing, 2015, 159, 227-241. | 5.9 | 39 |
| 72 | A Robust Sparse Representation Based Pattern Recognition Approach for Myoelectric Control. IEEE Access, 2018, 6, 38326-38335. | 4.2 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Exploiting spatial relation for fine-grained image classification. Pattern Recognition, 2019, 91, 47-55. | 8.1 | 36 |
| 74 | Reconstructive Sequence-Graph Network for Video Summarization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1. | 13.9 | 36 |
| 75 | Hyperspectral Image Denoising by Fusing the Selected Related Bands. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2596-2609. | 6.3 | 35 |
| 76 | Robust Alternative Minimization for Matrix Completion. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 939-949. | 5.0 | 34 |
| 77 | Optimization for limited angle tomography in medical image processing. Pattern Recognition, 2011, 44, 2427-2435. | 8.1 | 31 |
| 78 | Deep Representation for Abnormal Event Detection in Crowded Scenes. , 2016, , . | | 31 |
| 79 | Vision-to-Language Tasks Based on Attributes and Attention Mechanism. IEEE Transactions on Cybernetics, 2021, 51, 913-926. | 9.5 | 31 |
| 80 | Supervised deep hashing with a joint deep network. Pattern Recognition, 2020, 105, 107368. | 8.1 | 30 |
| 81 | Geometry constrained sparse coding for single image super-resolution. , 2012, , . | | 29 |
| 82 | A Deep Hashing Technique for Remote Sensing Image-Sound Retrieval. Remote Sensing, 2020, 12, 84. | 4.0 | 29 |
| 83 | Weather recognition via classification labels and weather-cue maps. Pattern Recognition, 2019, 95, 272-284. | 8.1 | 28 |
| 84 | Spectral Super-Resolution of Multispectral Images Using Spatialâ€“Spectral Residual Attention Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14. | 6.3 | 28 |
| 85 | 3G structure for image caption generation. Neurocomputing, 2019, 330, 17-28. | 5.9 | 27 |
| 86 | Auxiliary Loss Multimodal GRU Model in Audio-Visual Speech Recognition. IEEE Access, 2018, 6, 5573-5583. | 4.2 | 26 |
| 87 | Similarity Constrained Convex Nonnegative Matrix Factorization for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4810-4822. | 6.3 | 26 |
| 88 | Scene Parsing From an MAP Perspective. IEEE Transactions on Cybernetics, 2015, 45, 1876-1886. | 9.5 | 25 |
| 89 | Deep discrete hashing with pairwise correlation learning. Neurocomputing, 2020, 385, 111-121. | 5.9 | 25 |
| 90 | A target detection method for hyperspectral image based on mixture noise model. Neurocomputing, 2016, 216, 331-341. | 5.9 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Bidirectional Interaction Network for Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 1935-1948. | 9.8 | 24 |
| 92 | Video Synopsis in Complex Situations. IEEE Transactions on Image Processing, 2018, 27, 3798-3812. | 9.8 | 23 |
| 93 | Muti-stage learning for gender and age prediction. Neurocomputing, 2019, 334, 114-124. | 5.9 | 23 |
| 94 | Generative Adversarial Capsule Network With ConvLSTM for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 523-527. | 3.1 | 23 |
| 95 | Deep Category-Level and Regularized Hashing With Global Semantic Similarity Learning. IEEE Transactions on Cybernetics, 2021, 51, 6240-6252. | 9.5 | 22 |
| 96 | A Joint Relationship Aware Neural Network for Single-Image 3D Human Pose Estimation. IEEE Transactions on Image Processing, 2020, 29, 4747-4758. | 9.8 | 22 |
| 97 | Video Captioning with Tube Features. , 2018, , . | | 22 |
| 98 | A non-negative low-rank representation for hyperspectral band selection. International Journal of Remote Sensing, 2016, 37, 4590-4609. | 2.9 | 21 |
| 99 | Person Reidentification via Unsupervised Cross-View Metric Learning. IEEE Transactions on Cybernetics, 2021, 51, 1849-1859. | 9.5 | 21 |
| 100 | On Combining Social Media and Spatial Technology for POI Cognition and Image Localization. Proceedings of the IEEE, 2017, 105, 1937-1952. | 21.3 | 20 |
| 101 | Hyperspectral Image Super-Resolution with Self-Supervised Spectral-Spatial Residual Network. Remote Sensing, 2021, 13, 1260. | 4.0 | 20 |
| 102 | Discrete Deep Hashing With Ranking Optimization for Image Retrieval. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2052-2063. | 11.3 | 19 |
| 103 | Disentangled Representation Learning for Cross-Modal Biometric Matching. IEEE Transactions on Multimedia, 2022, 24, 1763-1774. | 7.2 | 19 |
| 104 | Multi-spectral pedestrian detection. Signal Processing, 2015, 110, 94-100. | 3.7 | 18 |
| 105 | A discriminative representation for human action recognition. Pattern Recognition, 2016, 59, 88-97. | 8.1 | 18 |
| 106 | A Multi-Task Framework for Weather Recognition. , 2017, , . | | 18 |
| 107 | Person Reidentification Based on Elastic Projections. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1314-1327. | 11.3 | 18 |
| 108 | Multi-modal gated recurrent units for image description. Multimedia Tools and Applications, 2018, 77, 29847-29869. | 3.9 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Bio-Inspired Representation Learning for Visual Attention Prediction. IEEE Transactions on Cybernetics, 2021, 51, 3562-3575. | 9.5 | 17 |
| 110 | Attribute-Cooperated Convolutional Neural Network for Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8358-8371. | 6.3 | 16 |
| 111 | Adaptive wavelet-Galerkin methods for limited angle tomography. Image and Vision Computing, 2010, 28, 696-703. | 4.5 | 15 |
| 112 | Penalized Linear Discriminant Analysis of Hyperspectral Imagery for Noise Removal. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 359-363. | 3.1 | 15 |
| 113 | Image reconstruction by an alternating minimisation. Neurocomputing, 2011, 74, 661-670. | 5.9 | 14 |
| 114 | Detection of ships in inland river using high-resolution optical satellite imagery based on mixture of deformable part models. Journal of Parallel and Distributed Computing, 2019, 132, 1-7. | 4.1 | 14 |
| 115 | Spatial attention based visual semantic learning for action recognition in still images. Neurocomputing, 2020, 413, 383-396. | 5.9 | 14 |
| 116 | Fine-Grained Visual Categorization by Localizing Object Parts With Single Image. IEEE Transactions on Multimedia, 2021, 23, 1187-1199. | 7.2 | 14 |
| 117 | Audio description from image by modal translation network. Neurocomputing, 2021, 423, 124-134. | 5.9 | 14 |
| 118 | Cross-Domain Scene Classification by Integrating Multiple Incomplete Sources. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10035-10046. | 6.3 | 14 |
| 119 | Cross-Attention Spectralâ€“Spatial Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14. | 6.3 | 14 |
| 120 | Low-rank representation for 3D hyperspectral images analysis from map perspective. Signal Processing, 2015, 112, 27-33. | 3.7 | 13 |
| 121 | Action recognition by joint learning. Image and Vision Computing, 2016, 55, 77-85. | 4.5 | 13 |
| 122 | Abnormal event detection by a weakly supervised temporal attention network. CAAI Transactions on Intelligence Technology, 2022, 7, 419-431. | 8.1 | 13 |
| 123 | Multimodal Learning via Exploring Deep Semantic Similarity. , 2016, , . | | 11 |
| 124 | Multi-Level Alignment Network for Cross-Domain Ship Detection. Remote Sensing, 2022, 14, 2389. | 4.0 | 11 |
| 125 | Remote Sensing Scene Classification by Localâ€“Global Mutual Learning. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 10 |
| 126 | Local learning-based image super-resolution. , 2011, , . | | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Hyperspectral image classification based on joint spectrum of spatial space and spectral space. Multimedia Tools and Applications, 2018, 77, 29759-29777. | 3.9 | 9 |
| 128 | Meta Self-Supervised Learning for Distribution Shifted Few-Shot Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 9 |
| 129 | Real-time classification of forearm movements based on high density surface electromyography. , 2017, , . | | 8 |
| 130 | Semisupervised Consistent Projection Metric Learning for Person Reidentification. IEEE Transactions on Cybernetics, 2022, 52, 738-747. | 9.5 | 8 |
| 131 | Local and correlation attention learning for subtle facial expression recognition. Neurocomputing, 2021, 453, 742-753. | 5.9 | 8 |
| 132 | Semisupervised Spectral Degradation Constrained Network for Spectral Super-Resolution. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 8 |
| 133 | A Novel NMF Guided for Hyperspectral Unmixing From Incomplete and Noisy Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15. | 6.3 | 8 |
| 134 | JM-Net and Cluster-SVM for Aerial Scene Classification. , 2017, , . | | 7 |
| 135 | Utilizing homotopy for single image superresolution. , 2011, , . | | 6 |
| 136 | Hybrid structure for robust dimensionality reduction. Neurocomputing, 2014, 124, 131-138. | 5.9 | 6 |
| 137 | Image2song: Song Retrieval via Bridging Image Content and Lyric Words. , 2017, , . | | 6 |
| 138 | Local tomography based on grey model. Neurocomputing, 2013, 101, 10-17. | 5.9 | 5 |
| 139 | Person Re-identification by Bidirectional Projection. , 2014, , . | | 5 |
| 140 | Siamese Dilated Inception Hashing With Intra-Group Correlation Enhancement for Image Retrieval. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3032-3046. | 11.3 | 5 |
| 141 | Deep Voice-Visual Cross-Modal Retrieval with Deep Feature Similarity Learning. Lecture Notes in Computer Science, 2019, , 454-465. | 1.3 | 5 |
| 142 | Pairwise Comparison Network for Remote-Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 5 |
| 143 | Data-dependent semi-supervised hyperspectral image classification. , 2013, , . | | 4 |
| 144 | Video parsing via spatiotemporally analysis with images. Multimedia Tools and Applications, 2016, 75, 11961-11976. | 3.9 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Unsupervised Learning of Human Action Categories in Still Images with Deep Representations. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-20. | 4.3 | 4 |
| 146 | Remote Sensing Image Generation From Audio. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 994-998. | 3.1 | 4 |
| 147 | Unregistered Hyperspectral and Multispectral Image Fusion with Synchronous Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2020, , 602-614. | 1.3 | 4 |
| 148 | A Spatialâ€“Spectral Joint Attention Network for Change Detection in Multispectral Imagery. Remote Sensing, 2022, 14, 3394. | 4.0 | 4 |
| 149 | Representative and diverse video summarization. , 2015, , . | | 3 |
| 150 | Unsupervised feature learning for scene classification of high resolution remote sensing image. , 2015, , . | | 3 |
| 151 | Action Recognition by Jointly Using Video Proposal and Trajectory. , 2018, , . | | 3 |
| 152 | Human action recognition by multiple spatial clues network. Neurocomputing, 2022, 483, 10-21. | 5.9 | 3 |
| 153 | A novel alternative algorithm for limited angle tomography. , 2011, , . | | 2 |
| 154 | Mixture gradient detector for subpixel detection. , 2013, , . | | 2 |
| 155 | Refraction angle extracting strategy for fan-beam differential phase contrast CT. Neurocomputing, 2014, 141, 160-169. | 5.9 | 2 |
| 156 | Image de-fencing with hyperspectral camera. , 2016, , . | | 2 |
| 157 | Slow Feature Analysis for Multi-Camera Activity Understanding. , 2013, , . | | 1 |
| 158 | Object or background: Whose call is it in complicated scene classification?. , 2013, , . | | 1 |
| 159 | Image Jigsaw Puzzles with a Self-Correcting Solver. , 2013, , . | | 1 |
| 160 | Video quality assessment via supervised topic model. , 2014, , . | | 1 |
| 161 | Robust object tracking via diverse templates. , 2016, , . | | 1 |
| 162 | Deep object tracking with multi-modal data. , 2016, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Deep Temporal Architecture for Audiovisual Speech Recognition. Communications in Computer and Information Science, 2017, , 650-661. | 0.5 | 1 |
| 164 | Mobile person re-identification with a lightweight trident CNN. Science China Information Sciences, 2020, 63, 1. | 4.3 | 1 |
| 165 | Remote Sensing Scene Classification with Multi-task Learning. Lecture Notes in Electrical Engineering, 2022, , 403-418. | 0.4 | 1 |
| 166 | 3D prostate MR image segmentation: A multi-task approach. , 2013, , . | | 0 |
| 167 | Identification of isotonic forearm motions using muscle synergies for brain injured patients. , 2017, , . | | 0 |
| 168 | Enhancing Boundary for Video Object Segmentation. , 2018, , . | | 0 |
| 169 | Attention-Based Multi-Branch Network for Low-Light Image Enhancement. , 2021, , . | | 0 |
| 170 | Fully Unsupervised Person Re-Identification by Enhancing Cluster Samples. , 2021, , . | | 0 |