

Mehmet Kemal GÃ¶ellÃ¶

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

451
citations

758635

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h-index

794141

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g-index

69
all docs

69
docs citations

69
times ranked

428
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Brain tumor classification using the fused features extracted from expanded tumor region. Biomedical Signal Processing and Control, 2022, 72, 103356. | 3.5 | 36 |
| 2 | Agmatine has beneficial effect on harmaline-induced essential tremor in rat. Neuroscience Letters, 2021, 753, 135881. | 1.0 | 2 |
| 3 | MultiTempLSTM: prediction and compression of multitemporal hyperspectral images using LSTM networks. Journal of Applied Remote Sensing, 2021, 15, . | 0.6 | 2 |
| 4 | Efficient Resolution Enhancement of JPEG2000 Compressed Multispectral Images Using Deep Super-resolution Methods. , 2021, , . | | 0 |
| 5 | MultiTempGAN: Multitemporal multispectral image compression framework using generative adversarial networks. Journal of Visual Communication and Image Representation, 2021, 81, 103385. | 1.7 | 2 |
| 6 | Superpixel based compression of hyperspectral image with modified dictionary and sparse representation. International Journal of Remote Sensing, 2020, 41, 6307-6324. | 1.3 | 5 |
| 7 | Compression of hyperspectral images using automatic adaptive luminance transform and 3D-DCT method. Pamukkale University Journal of Engineering Sciences, 2020, 26, 868-883. | 0.2 | 0 |
| 8 | Deep Feature Extraction Based Fine-Tuning. , 2020, , . | | 1 |
| 9 | Reduction of JPEG2000 Compression Artifacts using Very Deep Super Resolution Approach for Multitemporal Multispectral Images. , 2020, , . | | 1 |
| 10 | Determining Appropriate Window Size and Window Function for Epileptic Seizure Forecasting. , 2020, , . | | 1 |
| 11 | Superpixel based recursive least-squares method for lossless compression of hyperspectral images. Multidimensional Systems and Signal Processing, 2019, 30, 903-919. | 1.7 | 11 |
| 12 | Epileptic Seizure Prediction for Imbalanced Datasets. , 2019, , . | | 2 |
| 13 | Epileptic Seizure Forecasting Using AR Model Coefficients and Machine Learning Techniques. , 2019, , . | | 0 |
| 14 | Lossless hyperspectral image compression using bimodal conventional recursive least-squares. Remote Sensing Letters, 2018, 9, 31-40. | 0.6 | 11 |
| 15 | A Detailed Performance Analysis of Hyperspectral Image Compression Techniques. , 2018, , . | | 0 |
| 16 | Compression of Hyperspectral Images Using Luminance Transform and 3D-DCT. , 2018, , . | | 3 |
| 17 | Hyperspectral and multispectral image fusion based on spectral decomposition and neighborhood relation. , 2018, , . | | 0 |
| 18 | Hyperspectral image resolution enhancement by using spectral ratio and guided filter. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Target Preserving Hyperspectral Image Compression Using Weighted PCA and JPEG2000. Lecture Notes in Computer Science, 2018, , 508-516. | 1.0 | 2 |
| 20 | Menderes ilÄesindeki orman yangÄ±nÄ±nÄ±n sÄ¼perpiksel bÄ¼tleme temelli arama yÄ¼ntemiyle tespiti. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, . | 0.3 | 2 |
| 21 | Lossless compression of ultraspectral sounder data using recursive least squares. , 2017, , . | | 2 |
| 22 | A fast approach for adaptive conventional recursive least-squares predictor in lossless compression of hyperspectral images. , 2017, , . | | 1 |
| 23 | Fusion of hyperspectral and multispectral images using general and local spectral features. , 2017, , . | | 1 |
| 24 | The use of low-bit depth approaches for band ordering in hyperspectral image compression. , 2017, , . | | 0 |
| 25 | An investigation of the usability of sound recognition for source separation of packaging wastes in reverse vending machines. Waste Management, 2016, 56, 46-52. | 3.7 | 15 |
| 26 | Automated CoÄRegistration of Satellite Images through Luminance Transformation. Photogrammetric Record, 2016, 31, 407-427. | 0.4 | 3 |
| 27 | Comparison of traditional and recent unsupervised band selection approaches in hyperspectral images. , 2016, , . | | 2 |
| 28 | Ground-Based Panoramic Stereo Hyperspectral Imaging System With Multiband Stereo Matching. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3926-3940. | 2.3 | 6 |
| 29 | Orthogonal design based genetic algorithm for spatial resolution enhancement of hyperspectral images. , 2015, , . | | 0 |
| 30 | Image processing-aided working posture analysis: I-OWAS. Computers and Industrial Engineering, 2015, 85, 384-394. | 3.4 | 24 |
| 31 | Adaptive local thresholding based number plate detection. , 2015, , . | | 1 |
| 32 | 3D object modeling by structured light and stereo vision. , 2015, , . | | 1 |
| 33 | Design of a hyperspectral imaging spectrometer for visible and near infrared region applications. , 2014, , . | | 1 |
| 34 | Hyperspectral change detection based on Multi-band Census Transform. , 2014, , . | | 0 |
| 35 | Hyperspectral change detection by multi-band Census Transform. , 2014, , . | | 5 |
| 36 | A novel panoramic stereo hyperspectral imaging system. , 2014, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Spatial Resolution Enhancement of Hyperspectral Images Using Unmixing and Binary Particle Swarm Optimization. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2100-2104. | 1.4 | 23 |
| 38 | Endmember Extraction Guided by Anomalies and Homogeneous Regions for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3630-3639. | 2.3 | 5 |
| 39 | Hyperspectral change detection with stereo disparity information enhancement. , 2014, , . | | 3 |
| 40 | Anomaly and homogeneous region guided endmember extraction for hyperspectral images. , 2013, , . | | 0 |
| 41 | Hyperspectral Image Classification Using Empirical Mode Decomposition With Spectral Gradient Enhancement. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2787-2798. | 2.7 | 36 |
| 42 | Enhancement of fog degraded images using empirical mode decomposition. , 2013, , . | | 2 |
| 43 | Unmixing-based fusion of hyperspectral images with high spatial resolution images. , 2013, , . | | 0 |
| 44 | Unmixing-based fusion of hyperspectral images for classification. , 2013, , . | | 0 |
| 45 | Integrating anomaly detection to spatial preprocessing for endmember extraction of hyperspectral images. , 2013, , . | | 4 |
| 46 | Automatic waste sorting using shortwave infrared hyperspectral imaging system. , 2013, , . | | 17 |
| 47 | An automated fine registration of multisensor remote sensing imagery. , 2012, , . | | 1 |
| 48 | Comparative evaluation of vector machine based hyperspectral classification methods. , 2012, , . | | 5 |
| 49 | Hyperspectral image classification with spectral gradient enhancement for empirical mode decomposition. , 2012, , . | | 1 |
| 50 | Metric measurement from street view sequences with simple operator assistance and phase correlation based frame selection. , 2011, , . | | 1 |
| 51 | The effect of memantine in harmaline-induced tremor and neurodegeneration. Neuropharmacology, 2011, 61, 715-723. | 2.0 | 36 |
| 52 | Hyperspectral Image Classification Using Denoising of Intrinsic Mode Functions. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 220-224. | 1.4 | 23 |
| 53 | Weighted constrained one-bit transform based fast block motion estimation. IEEE Transactions on Consumer Electronics, 2011, 57, 751-755. | 3.0 | 18 |
| 54 | Low-complexity iris recognition using one-bit transform and angular radial partitioning. , 2009, , . | | 0 |

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|----|---|-----|-----------|
| 55 | Phase correlation based hyperspectral image classification using different number of multiple class representatives. , 2009, , . | | 0 |
| 56 | Phase correlation based hyperspectral image classification using multiple class representatives obtained with <i>k</i> -means clustering. International Journal of Remote Sensing, 2009, 30, 3827-3834. | 1.3 | 7 |
| 57 | Extraction of high resolution depth data from human face. , 2009, , . | | 1 |
| 58 | Wavelet shrinkage denoising of intrinsic mode functions of hyperspectral image bands for classification with high accuracy. , 2009, , . | | 6 |
| 59 | Performance comparison of different denoising methods for sonar images. , 2009, , . | | 1 |
| 60 | Blotch detection and removal for archive film restoration. AEU - International Journal of Electronics and Communications, 2008, 62, 534-543. | 1.7 | 16 |
| 61 | Block motion estimation using luminance transform based matching. , 2008, , . | | 2 |
| 62 | Facial feature matched one-bit transform for face recognition. , 2008, , . | | 0 |
| 63 | Segmentation of hyperspectral images using phase correlation based on adaptive thresholding. , 2008, , . | | 2 |
| 64 | Scene-Cut Detection using Best Fitting Kernel and Modified Phase Correlation Methods. , 2007, , . | | 0 |
| 65 | Modified phase-correlation based robust hard-cut detection with application to archive film. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 753-770. | 5.6 | 33 |
| 66 | Membership function adaptive fuzzy filter for image sequence stabilization. IEEE Transactions on Consumer Electronics, 2004, 50, 1-7. | 3.0 | 28 |
| 67 | Image sequence stabilisation using fuzzy adaptive Kalman filtering. Electronics Letters, 2003, 39, 429. | 0.5 | 22 |
| 68 | Fuzzy image sequence stabilisation. Electronics Letters, 2003, 39, 1170. | 0.5 | 12 |
| 69 | Blotch Removal for Archive Films. , 0, , . | | 0 |