

Mehmet Kemal GÃ¶ellÃ¶

List of Publications by Year in descending order

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69
papers

451
citations

758635

12
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	The effect of memantine in harmaline-induced tremor and neurodegeneration. <i>Neuropharmacology</i> , 2011, 61, 715-723.	2.0	36
2	Hyperspectral Image Classification Using Empirical Mode Decomposition With Spectral Gradient Enhancement. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 2787-2798.	2.7	36
3	Brain tumor classification using the fused features extracted from expanded tumor region. <i>Biomedical Signal Processing and Control</i> , 2022, 72, 103356.	3.5	36
4	Modified phase-correlation based robust hard-cut detection with application to archive film. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006, 16, 753-770.	5.6	33
5	Membership function adaptive fuzzy filter for image sequence stabilization. <i>IEEE Transactions on Consumer Electronics</i> , 2004, 50, 1-7.	3.0	28
6	Image processing-aided working posture analysis: I-OWAS. <i>Computers and Industrial Engineering</i> , 2015, 85, 384-394.	3.4	24
7	Hyperspectral Image Classification Using Denoising of Intrinsic Mode Functions. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 220-224.	1.4	23
8	Spatial Resolution Enhancement of Hyperspectral Images Using Unmixing and Binary Particle Swarm Optimization. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 2100-2104.	1.4	23
9	Image sequence stabilisation using fuzzy adaptive Kalman filtering. <i>Electronics Letters</i> , 2003, 39, 429.	0.5	22
10	Weighted constrained one-bit transform based fast block motion estimation. <i>IEEE Transactions on Consumer Electronics</i> , 2011, 57, 751-755.	3.0	18
11	Automatic waste sorting using shortwave infrared hyperspectral imaging system. , 2013, , .		17
12	Blotch detection and removal for archive film restoration. <i>AEU - International Journal of Electronics and Communications</i> , 2008, 62, 534-543.	1.7	16
13	An investigation of the usability of sound recognition for source separation of packaging wastes in reverse vending machines. <i>Waste Management</i> , 2016, 56, 46-52.	3.7	15
14	Fuzzy image sequence stabilisation. <i>Electronics Letters</i> , 2003, 39, 1170.	0.5	12
15	Lossless hyperspectral image compression using bimodal conventional recursive least-squares. <i>Remote Sensing Letters</i> , 2018, 9, 31-40.	0.6	11
16	Superpixel based recursive least-squares method for lossless compression of hyperspectral images. <i>Multidimensional Systems and Signal Processing</i> , 2019, 30, 903-919.	1.7	11
17	Phaseâ€correlationâ€based hyperspectral image classification using multiple class representatives obtained with <i>k</i> -means clustering. <i>International Journal of Remote Sensing</i> , 2009, 30, 3827-3834.	1.3	7
18	Wavelet shrinkage denoising of intrinsic mode functions of hyperspectral image bands for classification with high accuracy. , 2009, , .		6

#	ARTICLE	IF	CITATIONS
19	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
20	Comparative evaluation of vector machine based hyperspectral classification methods. , 2012, , .		5
21	Hyperspectral change detection by multi-band Census Transform. , 2014, , .		5
22	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
23	Superpixel based compression of hyperspectral image with modified dictionary and sparse representation. International Journal of Remote Sensing, 2020, 41, 6307-6324.	1.3	5
24	Integrating anomaly detection to spatial preprocessing for endmember extraction of hyperspectral images. , 2013, , .		4
25	A novel panoramic stereo hyperspectral imaging system. , 2014, , .		3
26	Hyperspectral change detection with stereo disparity information enhancement. , 2014, , .		3
27	Automated Coâ€Registration of Satellite Images through Luminance Transformation. Photogrammetric Record, 2016, 31, 407-427.	0.4	3
28	Compression of Hyperspectral Images Using Luminance Transform and 3D-DCT. , 2018, , .		3
29	Block motion estimation using luminance transform based matching. , 2008, , .		2
30	Segmentation of hyperspectral images using phase correlation based on adaptive thresholding. , 2008, , .		2
31	Enhancement of fog degraded images using empirical mode decomposition. , 2013, , .		2
32	Comparison of traditional and recent unsupervised band selection approaches in hyperspectral images. , 2016, , .		2
33	Lossless compression of ultraspectral sounder data using recursive least squares. , 2017, , .		2
34	Epileptic Seizure Prediction for Imbalanced Datasets. , 2019, , .		2
35	Agmatine has beneficial effect on harmaline-induced essential tremor in rat. Neuroscience Letters, 2021, 753, 135881.	1.0	2
36	MultiTempLSTM: prediction and compression of multitemporal hyperspectral images using LSTM networks. Journal of Applied Remote Sensing, 2021, 15, .	0.6	2

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37	Target Preserving Hyperspectral Image Compression Using Weighted PCA and JPEG2000. Lecture Notes in Computer Science, 2018, , 508-516.	1.0	2
38	Menderes ilÄesindeki orman yangÄ±nÄ±nÄ±n sÄ¼perpiksel bÄ¼tleme temelli arama yÄntemiyle tespiti. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	2
39	MultiTempGAN: Multitemporal multispectral image compression framework using generative adversarial networks. Journal of Visual Communication and Image Representation, 2021, 81, 103385.	1.7	2
40	Extraction of high resolution depth data from human face. , 2009, , .		1
41	Performance comparison of different denoising methods for sonar images. , 2009, , .		1
42	Metric measurement from street view sequences with simple operator assistance and phase correlation based frame selection. , 2011, , .		1
43	An automated fine registration of multisensor remote sensing imagery. , 2012, , .		1
44	Hyperspectral image classification with spectral gradient enhancement for empirical mode decomposition. , 2012, , .		1
45	Design of a hyperspectral imaging spectrometer for visible and near infrared region applications. , 2014, , .		1
46	Adaptive local thresholding based number plate detection. , 2015, , .		1
47	3D object modeling by structured light and stereo vision. , 2015, , .		1
48	A fast approach for adaptive conventional recursive least-squares predictor in lossless compression of hyperspectral images. , 2017, , .		1
49	Fusion of hyperspectral and multispectral images using general and local spectral features. , 2017, , .		1
50	Deep Feature Extraction Based Fine-Tuning. , 2020, , .		1
51	Reduction of JPEG2000 Compression Artifacts using Very Deep Super Resolution Approach for Multitemporal Multispectral Images. , 2020, , .		1
52	Determining Appropriate Window Size and Window Function for Epileptic Seizure Forecasting. , 2020, , .		1
53	Blotch Removal for Archive Films. , 0, , .		0
54	Scene-Cut Detection using Best Fitting Kernel and Modified Phase Correlation Methods. , 2007, , .		0

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55	Facial feature matched one-bit transform for face recognition. , 2008, , .		0
56	Low-complexity iris recognition using one-bit transform and angular radial partitioning. , 2009, , .		0
57	Phase correlation based hyperspectral image classification using different number of multiple class representatives. , 2009, , .		0
58	Anomaly and homogeneous region guided endmember extraction for hyperspectral images. , 2013, , .		0
59	Unmixing-based fusion of hyperspectral images with high spatial resolution images. , 2013, , .		0
60	Unmixing-based fusion of hyperspectral images for classification. , 2013, , .		0
61	Hyperspectral change detection based on Multi-band Census Transform. , 2014, , .		0
62	Orthogonal design based genetic algorithm for spatial resolution enhancement of hyperspectral images. , 2015, , .		0
63	The use of low-bit depth approaches for band ordering in hyperspectral image compression. , 2017, , .		0
64	A Detailed Performance Analysis of Hyperspectral Image Compression Techniques. , 2018, , .		0
65	Hyperspectral and multispectral image fusion based on spectral decomposition and neighborhood relation. , 2018, , .		0
66	Hyperspectral image resolution enhancement by using spectral ratio and guided filter. , 2018, , .		0
67	Epileptic Seizure Forecasting Using AR Model Coefficients and Machine Learning Techniques. , 2019, , .		0
68	Efficient Resolution Enhancement of JPEG2000 Compressed Multispectral Images Using Deep Super-resolution Methods. , 2021, , .		0
69	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