IEEE PROJECT TOPICS ON IMAGE PROCESSING – MATLAB TOPICS By

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TOPIC TITLE	DOMAIN	Paper	Year
Automatic brain tumor tissue detection based on hierarchical centroid shape descriptor in Tl-weighted MR images	**Image Processing Matlab**	**IEEE**	**2016**
Antipodally Invariant Metrics for Fast Regression-Based Super-Resolution	**Image Processing Matlab**	**IEEE**	**2016**
Stereoscopic Visual Attention Guided Seam Carving for Stereoscopic Image Retargeting	**Image Processing Matlab**	**IEEE**	**2016**
A Dataset for Improved RGBD-Based Object Detection and Pose Estimation for Warehouse Pick-and-Place	**Image Processing Matlab**	**IEEE**	**2016**
Aware and smart member card: RFID and license plate recognition systems integrated applications at parking guidance in shopping mall	**Image Processing Matlab**	**IEEE**	**2016**
Content-Adaptive Steganography by Minimizing Statistical Detectability	**Image Processing Matlab**	**IEEE**	**2016**
An Improved Weighted Projection Onto Convex Sets Method for Seismic Data Interpolation and Denoising	**Image Processing Matlab**	**IEEE**	**2016**
Histograms-Based Visual Servoing	**Image Processing**	**IEEE**	**2016**
Eigenphase nuclei for classification of mitotic phase in cancer histology images	**Image Processing Matlab**	**IEEE**	**2016**
Daytime Preceding Vehicle Brake Light Detection Using Monocular Vision	**Image Processing Matlab**	**IEEE**	**2016**
Fast Single Image Super-resolution using a New Analytical Solution	**Image Processing Matlab**	**IEEE**	**2016**
Tour-guide robot	**Image Processing**	**IEEE**	**2016**

Generic target response as a measure of regression accuracy in multispectral background estimation	Image Processing Matlab		2016
Novel Accurate and Fast Optic Disc Detection in Retinal Images With Vessel Distribution and Directional Characteristics	Image Processing Matlab	IEEE	2016
Sparse Unmixing-Based Change Detection for Multitemporal Hyperspectral Images	Image Processing Matlab	IEEE	2016
Sparse Coding for Alpha Matting	Image Processing	IEEE	2016
Combining region of interest extraction and image enhancement for nighttime vehicle detection	Image Processing Matlab	IEEE	2016
Fusion of Quantitative Image and Genomic Biomarkers to Improve Prognosis Assessment of Early Stage Lung Cancer Patients	Image Processing Matlab	IEEE	2016
An automatic identification of wood materials from color images	Image Processing Matlab	IEEE	2016
Automatic chessboard corner detection method	Image Processing	IEEE	2016
Lossless Compression of JPEG Coded Photo Collections	Image Processing Matlab	IEEE	2016
Vessel Refocusing and Velocity Estimation on SAR Imagery Using the Fractional Fourier Transform	Image Processing Matlab	IEEE	2016
CEREBRE: A Novel Method for Very High Accuracy Event-Related Potential Biometric Identification	Image Processing Matlab	IEEE	2016
Realtime Automatic Assessment of Cardiac Function in Echocardiography	Image Processing Matlab	IEEE	2016

Multi-view Object Extraction with Fractional Boundaries	**Image Processing Matlab**	**IEEE**	**2016**
Single-Trial Detection With Magnetoencephalography During a Dual-Rapid Serial Visual Presentation Task	**Image Processing Matlab**	**IEEE**	**2016**
2D Orthogonal Locality Preserving Projection for Image Denoising	**Image Processing Matlab**	**IEEE**	**2016**
Nonconvex Nonsmooth Low Rank Minimization via Iteratively Reweighted Nuclear Norm	**Image Processing Matlab**	**IEEE**	**2016**
Discriminative Transfer Subspace Learning via Low-Rank and Sparse Representation	**Image Processing Matlab**	**IEEE**	**2016**
Tiled-Block Image Reconstruction by Wavelet-Based, Parallel Filtered Back-Projection	**Image Processing Matlab**	**IEEE**	**2016**
Steganography Using Reversible Texture Synthesis	**Image Processing**	**IEEE**	**2015**
Multifocus Image Fusion Based on NSCT and Focused Area Detection	**Image Processing**	**IEEE**	**2015**
Robust Representation and Recognition of Facial Emotions Using Extreme Sparse Learning	**Image Processing**	**IEEE**	**2015**
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Image Super Resolution Based on Structure Modulated Sparse Representation	**Image Processing Matlab**	**IEEE**	**2015**

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A Feature Enriched Completely Blind Image Quality Evaluator	Image Processing	IEEE	2015
Face Sketch Synthesis via Sparse Representation Based Greedy Search	Image Processing	IEEE	2015
A Feature-Enriched Completely Blind Image Quality Evaluator	Image Processing Matlab	IEEE	2015
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