



DSP/DIP & COMM. M.TECH/M.E IEEE Projects List

S.no	PROJECT TITLE	YEAR
1	Video Salient Object Detection with Convolutional Networks	2018
2	Unsupervised Deep Hashing With Pseudo Labels for Scalable Image Retrieval	2018
3	Learning a Deep Single Image Contrast Enhancer from Multi-Exposure Images	2018
4	Secure Medical Data Transmission Model for Healthcare Systems	2018
5	Single Image De-Hazing Using Globally Guided Image Filtering	2018
6	High Bit-Depth Medical Image Compression With HEVC	2018
7	Lung Field Segmentation in Chest Radiographs from Boundary Maps by a Structured Edge Detector	2018
8	Single Image Super-Resolution Based on Wiener Filter in Similarity Domain	2018
9	Visual Tracking from Correlation Filter to Template Matching	2018
10	Fast and Flexible Solution for CNN based Image Denoising	2018
11	Brain Region Segmentation using Convolutional Neural Network	2018
12	Robust Single-Image Super-Resolution Based on Adaptive Edge-Preserving Smoothing Regularization	2018
13	A secure image steganography algorithm based on least significant bit and integer wavelet transform	2018
14	Road Detection and Segmentation from Aerial Images using a CNN based System	2018
15	Reversible Data Hiding under Inconsistent Distortion Metrics	2018
16	Design and Evaluation of a Novel Short Prototype Filter for	2018

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	FBMC/OQAM Modulation	
17	Pruned DFT Spread FBMC: Low PAPR, Low Latency, High Spectral Efficiency	2018
18	A New Filter-Bank Multicarrier System: The Linearly Processed FBMC System	2018
19	PAPR Reduction in FBMC-OQAM Signals with Half Complexity of Trellis-based SLM	2018
20	PAPR Reduction of FBMC-OQAM using A-law and Mu-law Companding	2018
21	Blind De-convolution with Model Discrepancies	2017
22	Change Detection Based on Gabor Wavelet Features for Very High Resolution Remote Sensing Images	2017
23	Blind Facial Image Quality Enhancement using Non-Rigid Semantic Patches	2017
24	Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation	2017
25	Colour Image Watermarking based on Wavelet and QR Decomposition	2017
26	PAPR reduction scheme: wavelet packet based PTS with embedded side information data scheme	2017
27	PAPR Reduction in OFDM using Reduced Complexity PTS with Companding	2017
28	Advanced Blanking Nonlinearity for Mitigating Impulsive Interference in OFDM Systems	2017
29	An Enhanced MMSE Sub channel Decision Feedback Equalizer with ICI Suppression for FBMC/OQAM Systems	2017
30	Universal Multimode Background Subtraction	2017

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31	Image Forgery Detection Using Adaptive Over-Segmentation and Feature Point Matching	2016
3 2	A Novel Image Quality Assessment With Globally and Locally Co-salient Visual Quality Perception	2016
33	Higher-Order Image Co-segmentation	2016
34	Salient Region Detection via High-Dimensional Color Transform and Local Spatial Support	2016
35	On the Shift Value Set of Cyclic Shifted Sequences for PAPR Reduction in OFDM Systems	2016
36	Blind Super Resolution of Real-Life Video Sequences	2016
37	Contrast Enhancement by Nonlinear Diffusion Filtering	2016
38	Design and Performance Analysis of a Multiuser OFDM Based Differential Chaos Shift Keying Communication System	2016
39	Performance Analysis for OFDM Signals With Peak Cancellation	2016
40	Low Complexity ICI Mitigation for MIMO-OFDM in Time-Varying Channels	2016

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