



## MATLAB 2017-16 Projects List

S.No	PAPER ID	TITLES	DOMAIN	YEAR
1	STMC0001	A Bottom-Up Approach for Pancreas Segmentation Using Cascaded Superpixels and (Deep) Image Patch Labeling	Image	2017
2	STMC0002	A Micro-GA Embedded PSO Feature Selection Approach to Intelligent Facial Emotion Recognition	Image	2017
3	STMC0003	An efficient and secure cipher scheme for images confidentiality preservation	Image	2017
4	STMS0009	Image-Based Target Detection and Radial Velocity Estimation Methods for Multichannel SAR-GMTI	Image	2017
5	STMC0004	Removal of Canvas Patterns in Digital Acquisitions of Paintings	Image	2017
6	STMC0005	Robust and Low-Rank Representation for Fast Face Identification with Occlusions	Image	2017
7	STMC0075	Underwater Image Restoration based on Image Blurriness and Light Absorption	Image	2017
8	STMC0076	Unsupervised Visual Hashing with Semantic Assistant for Content-based Image Retrieval	Image	2017
9	STMC0006	A Feature Learning and Object Recognition Framework for Underwater Fish Images	Image	2016
10	STMC0077	A generative probabilistic model and discriminative extensions for brain lesion segmentation – with application to tumor and stroke	Image	2016
11	STMC0078	A hybrid particle swarm optimization for feature subset selection by integrating a novel local search strategy	Image	2016
12	STMC0007	A Novel Approach to Segment Skin Lesions in Dermoscopic Images Based on a Deformable Model	Image	2016
13	STMC0079	A Novel Clustering-Based Spectrum Sensing In Cognitive Radio Wireless Sensor Networks	Image	2016
14	STMC0008	A Three-Layered Graph-Based Learning Approach For Remote Sensing Image Retrieval	Image	2016
15	STMC0009	Action Recognition in Still Images With Minimum Annotation Efforts	Image	2016
16	STMC0010	An Efficient SVD-Based Method for Image Denoising	Image	2016
17	STMC0011	An equalized global graph model-based approach for multi-camera object tracking	Image	2016
18	STMC0012	An Investigation Into Machine Learning Regression C541 Techniques for the Leaf Rust Disease Detection Using	Image	2016



# SUCCESS TECHNOLOGIES

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
19	STMC0013	Analyzing the Effect of JPEG Compression on Local Variance of Image Intensity	Image	2016
20	STMC0014	Automatic Brain Tumor Tissue Detection based on Hierarchical Centroid Shape Descriptor in T1-weighted MR images	Image	2016
21	STMC0080	Automatic Brain Tumor Tissue Detection based on Hierarchical Centroid Shape Descriptor in T1-weighted MR images	Image	2016
22	STMC0081	Automatic Detection of Object-Based Forgery in Advanced Video	Image	2016
23	STMC0082	Behavior Knowledge Space-Based Fusion for Copy–Move Forgery Detection	Image	2016
24	STMC0083	Biclustering of human cancer microarray data using co-similarity based co-clustering	Image	2016
25	STMC0084	BIT: Biologically Inspired Tracker	Image	2016
26	STMC0015	Brain Metastases Detection Methods in Magnetic Resonance Imaging	Image	2016
27	STMC0016	Brain Tumor Segmentation Using Convolutional Neural Networks in MRI Images	Image	2016
28	STMC0017	Combining Generative and Discriminative Representation Learning for Lung CT Analysis with Convolutional Restricted Boltzmann Machines	Image	2016
29	STMC0085	Comparison of ‘Perturb & Observe’ and ‘Incremental Conductance’, Maximum Power Point Tracking algorithms on real environmental conditions	Image	2016
30	STMC0018	Content Based Image Retrieval by Metric Learning from Radiology Reports: Application to Interstitial Lung Diseases	Image	2016
31	STMC0019	DehazeNet: An End-to-End System for Single Image Haze Removal	Image	2016
32	STMC0020	Detecting Salient Objects via Color and Texture Compactness Hypotheses	Image	2016
33	STMC0021	Development of multistage algorithm for text objects recognition in images	Image	2016
34	STMC0022	DietCam: Multiview Food Recognition Using a Multikernel SVM	Image	2016
35	STMC0023	Domain Specific Learning for Newborn Face Recognition	Image	2016
36	STMC0024	DWT Based Detection of Epileptic Seizure From EEG Signals Using Naive Bayes and k-NN Classifiers	Image	2016
37	STMC0025	Dynamic Spectrum Allocation for the Downlink of OFDMA-Based Hybrid-Access Cognitive Femtocell Networks	Image	2016

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
38	STMC0086	EMOTION RECOGNITION IN MENTALLY RETARDED CHILDREN USING FACIAL EXPRESSIONS	Image	2016
39	STMC0087	Evaluation of Video Magnification for Nonintrusive Heart Rate Measurement	Image	2016
40	STMC0026	False Discovery Rate A pproach to Unsupervised Image Change Detection	Image	2016
41	STMC0027	Fast and Provably Accurate Bilateral Filtering	Image	2016
42	STMC0028	Fast Appearance Modeling for Automatic Primary Video Object Segmentation	Image	2016
43	STMC0088	Fusion of Contourlet Transform and Zernike Moments Feature Extraction using DNN and ELM Classifiers for MRI Brain Tumor Images	Image	2016
44	STMC0089	Heartbeat Rate Measurement from Facial Video	Image	2016
45	STMC0029	Identification of leaf diseases in pepper plants using soft computing techniques	Image	2016
46	STMC0030	Identifying rice grains using image analysis and Sparse-representation-based classification	Image	2016
47	STMC0031	Image Enhancement by Entropy Maximization and Quantization Resolution Upconversion	Image	2016
48	STMC0090	Image processing based meth od to assess fish quality and freshness	Image	2016
49	STMC0032	Image Segmentation Using Parametric Contours With Free Endpoints	Image	2016
50	STMC0033	Improved PAM-based Traffic Behavior Recognition Using Trajectory-Wise Features	Image	2016
51	STMC0034	Improved Patch-Based Automated Liver Lesion Classification by Separate Analysis of the Interior and Boundary Regions	Image	2016
52	STMC0035	Improved Tampering Localization in Digital Image Forensics Based on Maximal Entropy Random Walk	Image	2016
53	STMC0036	Improving Saliency Detection Via Multiple Kernel Boosting and Adaptive Fusion	Image	2016
54	STMC0091	Intra-class Recognition of Fruits using Color and Texture Features with Neural Classifiers	Image	2016
55	STMC0037	Iterative Copy-Move Forgery Detection Based on a New Interest Point Detector	Image	2016
56	STMC0038	Layer-Based Approach for Image Pair Fusion	Image	2016
57	STMC0092	Local Binary Patterns For Gender Classification	Image	2016
58	STMC0093	Local configuration pattern features for age-related macular degeneration characterization and classification	Image	2016

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
59	STMC0094	Local Feature Selection for Data Classification	Image	2016
60	STMC0039	Lossless Compression of JPEG Coded Photo Collections	Image	2016
61	STMC0040	Low-Rank Decomposition-Based Restoration of Compressed Images via Adaptive Noise Estimation	Image	2016
62	STMC0041	Lung Pattern Classification for Interstitial Lung Diseases Using a Deep ConvolutionalNeuralNetwork	Image	2016
63	STMC0042	Machine Learning Methods for Binary and Multiclass Classification of Melanoma Thickness From Dermoscopic Images	Image	2016
64	STMC0043	Median Robust Extended Local Binary Patternfor Texture Classification	Image	2016
65	STMC0095	Medical Image Denoising using Rotated Wavelet Filter and Bilateral Filter	Image	2016
66	STMC0044	Mixture-Based Superpixel Segmentation and Classification of SAR Images	Image	2016
67	STMC0045	Multichannel Decoded Local Binary Patterns for Content-Based Image Retrieval	Image	2016
68	STMC0046	Multimodal Sensor Medical Image Fusion Based on Type-2 Fuzzy Logic in NSCT Domain	Image	2016
69	STMC0047	Object recognition using rotation invariant local binary pattern of significant bit planes	Image	2016
70	STMC0048	Palmprint Recognition Using Neighboring Direction Indicator	Image	2016
71	STMC0049	Personal Identification Using Minor Knuckle Patterns From Palm Dorsal Surface	Image	2016
72	STMC0096	PPDM and Data Mining Technique Ensures Privacy and Security for Medical Text and Image Feature Extraction in E-Health Care System	Image	2016
73	STMC0097	Prediction of Leaf Disease using Segmentation with Hierarchical Clustering	Image	2016
74	STMC0050	Quaternion-Michelson Descriptor for Color Image Classification	Image	2016
75	STMC0051	Query-Adaptive Small Object Search Using Object Proposals and Shape-Aware Descriptors	Image	2016
76	STMC0052	Real-Time Superpixel Segmentation by DBSCAN Clustering Algorithm	Image	2016
77	STMC0053	Reduced-Reference Quality Assessment Based on the Entropy of DWT Coefficients of Locally Weighted Gradient Magnitudes	Image	2016
78	STMC0098	Reducing Pointing Errors in Free-Space Optical Communication Links over Turbulences with a Partially Coherent Gaussian Beam	Image	2016

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79	STMC0099	Relationship Induced Multi-template Learning for Diagnosis of Alzheimer's Disease and Mild Cognitive Impairment	Image	2016
80	STMC0054	Reversible Data Hiding in Encrypted Images Based on Progressive Recovery	Image	2016
81	STMC0055	Reversible Data Hiding in Encrypted Images y Reversible Image Transformation	Image	2016
82	STMC0056	Robotic Disease Detection in Greenhouses: Combined Detection of Powdery Mildew and Tomato Spotted Wilt Virus	Image	2016
83	STMC0057	Robust Blur Kernel Estimation for License Plate Images From Fast Moving Vehicles	Image	2016
84	STMC0058	Robust Cell Detection of Histopathological Brain Tumor Images Using Sparse Reconstruction and Adaptive Dictionary Selection	Image	2016
85	STMC0059	Robust Point Set Matching for Partial Face Recognition	Image	2016
86	STMC0060	Robust Retinal Vessel Segmentation via Locally Adaptive Derivative Frames in Orientation Scores	Image	2016
87	STMC0061	Robust Texture Image Representation by Scale Selective Local Binary Patterns	Image	2016
88	STMC0062	Salient Region Detection via High-Dimensional Color Transform and Local Spatial Support	Image	2016
89	STMC0063	Segmenting Retinal Blood Vessels with Deep Neural Networks	Image	2016
90	STMC0064	Single-Scale Fusion: An Effective Approach to Merging Images	Image	2016
91	STMC0065	Sketching Model and Higher Order Neighborhood Markov Random Field-Based SAR Image Segmentation	Image	2016
92	STMC0100	Sum Throughput Maximization for Multi-User MIMO Cognitive Wireless Powered Communication Networks	Image	2016
93	STMC0066	Suspecting Less and Doing Better: New Insights on Palmprint Identification for Faster and More Accurate Matching	Image	2016
94	STMC0067	Total Variation Regularized Tensor RPCA for Background Subtraction From Compressive Measurements	Image	2016
95	STMC0068	Unsupervised Deep Feature Extraction for Remote Sensing Image Classification	Image	2016
96	STMC0069	Unsupervised Deep Learning Applied to Breast Density Segmentation and Mammographic Risk Scoring	Image	2016
97	STMC0070	Unsupervised SAR Image Change Detection Based on SIFT Keypoints and Region Information	Image	2016
98	STMC0101	3D Brain Atlas Reconstruction Using Deformable Medical Image Registration: Application to Deep Brain Stimulation Surgery	Image	2015

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
99	STMC0102	A Novel Approach for Denoising and Enhancement of Extremely Low-light Video	Image	2015
100	STMC0103	Adaptive Filter Design for ECG Noise Reduction using LMS Algorithm	Image	2015
101	STMC0104	An Advanced Single-Image Visibility Restoration Algorithm for Real-World Hazy Scenes	Image	2015
102	STMC0105	Asthma Pattern Identification via Continuous Diaphragm Motion Monitoring	Image	2015
103	STMC0106	Automatic detection of abnormalities in mammograms	Image	2015
104	STMC0071	Boosting 3D LBP-Based Face Recognition by Fusing Shape and Texture Descriptors on the Mesh	Image	2015
105	STMC0107	DENTAL BIOMETRICS: HUMAN IDENTIFICATION BASED ON DENTAL WORK INFORMATION	Image	2015
106	STMC0108	Discrete Wavelet Transform Based Whole-Spectral and Sub-Spectral Analysis for Improved Brain Tumour Clustering using Single Voxel MR Spectroscopy	Image	2015
107	STMC0109	Extracting Fetal ECG from a Single Maternal Abdominal Record	Image	2015
108	STMC0110	Human Skin Texture Analysis using Image Processing Techniques	Image	2015
109	STMC0111	Image Forgery Detection Using Adaptive Oversegmentation and Feature Point Matching	Image	2015
110	STMC0112	Indian Paper Currency Authentication System using Image processing	Image	2015
111	STMC0113	Iris recognition using combined support vector machine and Hamming distance approach	Image	2015
112	STMC0114	Multi-Directional Tracking of Athletes Using MATLAB Image Processing	Image	2015
113	STMC0115	Performance Comparison of Wavelet and Contourlet Frame Based Features for Improving Classification Accuracy in Remote Sensing Images	Image	2015
114	STMC0116	PISA: Pixelwise Image Saliency by Aggregating Complementary Appearance Contrast Measures With Edge-Preserving Coherence	Image	2015
115	STMC0117	Postprocessing of Compressed Images via Sequential Denoising	Image	2015
116	STMC0072	Texture Classification Using Dense Micro-Block Difference	Image	2015
117	STMC0118	Wavelet weighted distortion measure for retinal images	Image	2015
118	STMC0119	A new fusion model for classification of the lung diseases using genetic algorithm	Image	2014

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
119	STMC0120	Application of Fuzzy Rule-Based Classifier to CBIR in comparison with other classifiers	Image	2014
120	STMC0121	Automatic Attendance Management System Using Face Recognition	Image	2014
121	STMC0122	Efficient Spectrum Utilization on TV Band for Cognitive Radio Based High Speed Vehicle Network	Image	2014
122	STMC0123	Epileptic seizure detection using DWT based fuzzy approximate entropy and support vector machine	Image	2014
123	STMC0124	Fruit classification using computer vision and feedforward neural network	Image	2014
124	STMC0125	Hybrid Approach for Facial Feature Detection and Tracking under Occlusion	Image	2014
125	STMC0073	Multi-Directional Multi-Level Dual-Cross Patterns for Robust Face Recognition	Image	2014
126	STMC0126	Synthetic Aperture Radar image nonlinear enhancement algorithm based on NSCT transform	Image	2014
127	STMC0127	Ultrasound Image Denoising using a Combination of Bilateral Filtering and Stationary Wavelet Transform	Image	2014
128	STMC0128	Adherent Raindrop Modeling, Detection and Removal in Video	Image	2013
129	STMC0129	IMAGE DENOISING USING DUAL TREE STATISTICAL MODELS FOR COMPLEX WAVELET TRANSFORM COEFFICIENT MAGNITUDE	Image	2013
130	STMC0130	Implementation of Dynamic Time Warping for Gesture Recognition in Sign Language using High Performance Computing	Image	2013
131	STMC0131	Novel initialization scheme for Fuzzy C-Means algorithm on color image segmentation	Image	2013
132	STMC0132	Automated diagnosis of normal and alcoholic EEG signals	Image	2012
133	STMC0133	Automatic Seizure Detection Using Wavelet Transform and SVM in Long-Term Intracranial EEG	Image	2012
134	STMC0134	Brain hemorrhage classification using wavelet and texture based neural network	Image	2012
135	STMC0135	Spectrum-Aware Mobility Management in Cognitive Radio Cellular Networks	Image	2012
136	STMC0136	Algorithm for Efficient Attendance Management: Face Recognition based approach	Image	2011
137	STMC0137	MRI Brain Image Segmentation Using Modified Fuzzy C-Means Clustering Algorithm	Image	2011

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
138	STMC0138	Analysis of natural images processing for the extraction of agricultural elements	Image	2010
139	STMC0139	Automated Feature Extraction for Early Detection of Diabetic Retinopathy in Fundus Images	Image	2009
140	STMC0140	Automatic Facial Age Estimation	Image	2009
141	STMC0141	Automatic Morphological Analysis for Acute Leukemia Identification in Peripheral Blood Microscope Images	Image	2005
142	STMC0142	Image Compression Using Mean-Removed And Multistage Vector Quantization In Wavelet Domain	Image	2005
143	STMC0074	The Bitonic Filter: Linear Filtering in an Edge-Preserving Morphological Framework	Image	0
144	STMS0012	A Low Complexity Data Detection Algorithm for Uplink Multiuser Massive MIMO Systems	Signal	2017
145	STMS0006	A New Statistical Model of Electroencephalogram Noise Spectra for Real-time Brain-Computer Interfaces	Signal	2017
146	STMS0011	Congestion Relief in Subway Areas by tuning Uplink Power Control in LTE	Signal	2017
147	STMS0010	Dirty-Paper Coding Based Secure Transmission for Multiuser Downlink in Cellular Communication Systems	Signal	2017
148	STMC0143	Diversity-Multiplexing Tradeoff in an Interweave Multiuser Cognitive Radio System	Signal	2017
149	STMC0144	Effective extraction of visual event-related pattern by combining template matching with ensemble empirical mode decomposition	Signal	2017
150	STMC0145	High Performance Personalized Heartbeat Classification Model for Long-Term ECG Signal	Signal	2017
151	STMS0008	Identification Method of EMI Sources Based on Measured Single-Channel Signal and its Application in Aviation Secondary Power Source Design	Signal	2017
152	STMS0001	Joint Channel and Clipping Level Estimation for OFDM in IoT-based Networks	Signal	2017
153	STMS0004	Muscle Activity Map Reconstruction from High Density Surface EMG Signals with Missing Channels Using Image Inpainting and Surface Reconstruction Methods	Signal	2017
154	STMS0002	OFDM Chirp Waveform Diversity Design With Correlation Interference Suppression for MIMO Radar	Signal	2017
155	STMC0146	Spectrally Precoded OFDM Without Guard Insertion	Signal	2017





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S.No	PAPER ID	TITLES	DOMAIN	YEAR
156	STMS0007	Stability Proof of Iterative Interference Cancellation for OFDM Signals with Blanking Nonlinearity in Impulsive Noise Channels	Signal	2017
157	STMS0003	Symbol Cyclic Shift Equalization PAM-OFDM – A Low Complexity CP-free OFDM Scheme	Signal	2017
158	STMS0005	The Dependence of Signal Coherence on Sea-Surface Roughness for High and Low Duty Cycle Sonars in a Shallow-Water Channel	Signal	2017
159	STMS0015	4x1 Space-Time MIMO-OFDM Parallel Cancellation Schemes for Mitigating ICI	Signal	2016
160	STMC0147	A Diversity-Multiplexing Tradeoff Optimal Low Complexity Zero Forcing Method Based on ZP-OFDM	Signal	2016
161	STMS0014	Adaptive Carrier Frequency Offset and Channel Estimation for MIMO-OFDM Systems	Signal	2016
162	STMC0148	Adaptive Power Allocation Schemes for Spectrum Sharing in Interference-Alignment-Based Cognitive Radio Networks	Signal	2016
163	STMC0149	Amplify-and-Forward Relay Sharing for Both Primary and Cognitive Users	Signal	2016
164	STMC0150	An Accurate ECG-Based Transportation Safety Drowsiness Detection Scheme	Signal	2016
165	STMC0151	An Efficient Bayesian PAPR Reduction Method for OFDM-Based Massive MIMO Systems-MATLAB COMMUNICATION	Signal	2016
166	STMC0152	An Empirical Study for PCA- and LDA-Based Feature Reduction for Gas Identification	Signal	2016
167	STMS0018	An SDR Platform for Performance Evaluation of OFDM-based Indoor DAS Solutions	Signal	2016
168	STMC0153	Antenna Selection for Reliable MIMO-OFDM Interference Alignment Systems: Measurement Based Evaluation	Signal	2016
169	STMC0154	Bit Error Floor of MPSK in the Presence of Phase Error	Signal	2016
170	STMC0155	Brain Dynamics in Predicting Driving Fatigue Using a Recurrent Self-Evolving Fuzzy Neural Network	Signal	2016
171	STMC0156	Broadband Dual-Polarization and Stable-Beamwidth SlotAntenna Fed by U-Shape Microstrip Line	Signal	2016
172	STMC0157	Channel and Power Adaptation for Cognitive Radios in Multiuser OFDM Systems	Signal	2016
173	STMC0158	Channel Estimation and Detection in Satellite Communication Systems	Signal	2016
174	STMS0016	Characterization of HPA Using Two Dimensional General Memory Polynomial for Dual Band Carrier Aggregated MIMO-OFDM Systems	Signal	2016

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
175	STMC0159	DBR-MAC: A Depth-Based Routing Aware MAC Protocol for Data Collection in Underwater Acoustic Sensor Networks	Signal	2016
176	STMC0160	Delay-Aware Wireless Powered Communication Networks— Energy Balancing and Optimization	Signal	2016
177	STMC0161	Dynamic Cluster Head Selection Method for Wireless Sensor Network	Signal	2016
178	STMC0162	Dynamic Cluster Members Scheduling for Target Tracking in Sensor Networks	Signal	2016
179	STMC0163	Dynamic Clustering and ON/ OFF Strategies for Wireless Small Cell Networks	Signal	2016
180	STMS0017	Energy Efficiency Optimization: Joint Antenna-Subcarrier-Power Allocation in OFDM-DASs	Signal	2016
181	STMC0164	Energy Efficient Visible Light Communications Relying on Amorphous Cells	Signal	2016
182	STMC0165	Energy-Aware Cooperative Wireless Networks with Multiple Cognitive Users	Signal	2016
183	STMC0166	Energy-Efficient Clustering Using Correlation and Random Update Based on Data Change ate for Wireless Sensor Networks	Signal	2016
184	STMC0167	Energy-Efficient Clustering Using Correlation and Random Update Based on Data Change Rate for Wireless Sensor Networks	Signal	2016
185	STMC0168	Energy-Efficient Infrastructure Sensor Network for Ad Hoc Cognitive Radio Network	Signal	2016
186	STMS0013	Energy-Efficient Power Control: A Look at 5G Wireless Technologies	Signal	2016
187	STMC0169	Epileptic Seizure Prediction Based on Multivariate Statistical Process Control of Heart	Signal	2016
188	STMC0170	Error analysis for high data rate applications using Welch's power spectral by Cognitive Radio Users	Signal	2016
189	STMC0171	Event-to-Sink Spectrum-Aware Clustering in Mobile Cognitive Radio Sensor Networks	Signal	2016
190	STMC0172	Generalized Code Index Modulation Technique for High-Data-Rate Communication Systems	Signal	2016
191	STMC0173	Hadamard-Coded Modulation for Visible Light Communications	Signal	2016
192	STMC0174	Improving Latency and Reliability in 5G Internet-of-Things Networks	Signal	2016
193	STMC0175	Joint Clustering and Routing Design for Reliable and Efficient Data Collection in Large-Scale Wireless Sensor Networks	Signal	2016

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S.No	PAPER ID	TITLES	DOMAIN	YEAR
194	STMC0176	Joint Relay/Antenna Selection and Precoding Design for Two-Way MIMO Amplify-and-Forward Relaying Systems	Signal	2016
195	STMC0177	Lifetime and Energy Hole Evolution Analysis in Data-Gathering Wireless Sensor Networks	Signal	2016
196	STMC0178	Low-Complexity Channel Estimation and Detection for MIMO-OFDM Receiver With ESPAR Antenna	Signal	2016
197	STMC0179	Low-Complexity Modem Design for GFDM	Signal	2016
198	STMC0180	Maximum-Eigenvalue-Based Sensing and Power Recognition for Multiantenna Cognitive Radio System	Signal	2016
199	STMC0181	Miniaturized Dual-Band and Dual-Polarized Antenna for MBAN Applications	Signal	2016
200	STMC0182	New Results on Transceiver Design for Two-Hop Amplify-and-Forward MIMO Relay Systems With Direct Link	Signal	2016
201	STMC0183	Novel 16-QAM and 64-QAM Near-Complementary Sequences With Low PMEPR in OFDM Systems	Signal	2016
202	STMC0184	OFDM Receiver Structure for a Sub band-Selective Mitigation of Time-Variant Interference	Signal	2016
203	STMC0185	On the Achievable Rate of OFDM With Index Modulation	Signal	2016
204	STMC0186	On the Energy Efficiency and Effective Throughput Tradeoff of Fading Channels	Signal	2016
205	STMC0187	Optimal Source and Relay Design for Multiuser MIMO AF Relay Communication Systems With Direct Links and Imperfect Channel Information	Signal	2016
206	STMC0188	Outage Probability of Energy Harvesting Relay-Aided Cooperative Networks Over Rayleigh Fading Channel	Signal	2016
207	STMC0189	Outage-Constrained Sensing Threshold Design for Decentralized Decision-Making in Cognitive Radio Networks	Signal	2016
208	STMC0190	PAPR Reduction using Clipping and Filtering Technique for Nonlinear Communication Systems	Signal	2016
209	STMC0191	Performance Optimization and Comparative Analysis of Neural Networks for Handwritten Devanagari Character Recognition	Signal	2016
210	STMC0192	Pilot Allocation for Distributed-Compressed-Sensing-Based Sparse Channel Estimation in MIMO-OFDM Systems	Signal	2016
211	STMC0193	QoS-Oriented Mode, Spectrum, and Power Allocation for D2D Communication Underlying LTE-A Network	Signal	2016
212	STMC0194	Quantized Massive MU-MIMO-OFDM Uplink	Signal	2016
213	STMC0195	Resource Allocation for Multiple-Sources Single-Relay Cooperative Communication	Signal	2016

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S.No	PAPER ID	TILTES	DOMAIN	YEAR
214	STMC0196	Secrecy Outage on Transmit Antenna Selection/Maximal Ratio Combining in MIMO Cognitive Radio Networks	Signal	2016
215	STMC0197	Secure Communication in Uplink Transmissions: User Selection and Multiuser Secrecy Gain	Signal	2016
216	STMC0198	Secure Transmission in Cooperative Relaying Networks With Multiple Antennas	Signal	2016
217	STMC0199	Self-Deployment Of Mobile Sensors To Achieve Target Coverage In The Presence Of Obstacles	Signal	2016
218	STMC0200	Self-Deployment of Randomly Scattered Mobile Sensors to Achieve Barrier Coverage	Signal	2016
219	STMC0201	Space–Time Network Coding With Antenna Selection	Signal	2016
220	STMC0202	Spectrum Sensing Performance in Cognitive Radio Networks With Multiple Primary Users	Signal	2016
221	STMC0203	Stochastic Geometry Study on Device-to-Device Communication as a Disaster Relief Solution	Signal	2016
222	STMC0204	Supraventricular Tachycardia Classification in the 12-Lead ECG Using Atrial Waves Detection and a Clinically Based Tree Scheme	Signal	2016
223	STMC0205	Two-Way OFDM-Based Nonlinear Amplify-and-Forward Relay Systems	Signal	2016
224	STMC0206	Two-Way Satellite Relaying With Estimated Channel Gains	Signal	2016
225	STMC0207	User-Centric Energy Efficiency Maximization for Wireless Powered Communications	Signal	2016
226	STMC0208	Weighted Sum-Rate Maximization for MIMO Downlink Systems Powered by Renewables	Signal	2016
227	STMC0209	An Optimal-Distance-Based Transmission Strategy for Lifetime Maximization of Wireless Sensor Networks	Signal	2015
228	STMC0210	MIMO Filter-Bank Multicarrier System Using Unique Word OFDM	Signal	2015
229	STMC0211	Diagnosis of Alzheimer Disease using EEG Signals	Signal	2014
230	STMC0212	Improved churn prediction in telecommunication industry using data mining techniques	Signal	2014
231	STMC0213	Integer Forcing-and-Forward Transceiver Design for MIMO Multipair Two -Way Relaying	Signal	2014
232	STMC0214	On the Permanence of EEG Signals for Biometric Recognition	Signal	2014

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