



MATLAB COMMUNICATION TITLES FOR 2015-16

S.NO	TITLE	YEAR
1	Quantile-Based Empirical Mode Decomposition: An Efficient Way to Decompose Noisy Signals	2015
2	Robust Secure Beam forming in MISO Full-Duplex Two-Way Secure Communications	2015
3	Energy Efficient Secure Communication Over Decode-and-Forward Relay Channels	2015
4	Secure Transmission in Cooperative Networks with Weak Eavesdroppers	2015
5	Robust Secrecy Beam forming With Energy-Harvesting Eavesdroppers	2015
6	Sum Rate Improvement in Cognitive Radio through Interference Alignment	2015
7	Achievable Rate of a Cognitive MIMO Multiple Access Channel With Multi-Secondary Users	2015
8	Beam forming for Multiuser MIMO-OFDM Interference Channels With Multipath Diversity	2015
9	Iterative Channel Estimation Using Virtual Pilot Signals for MIMO-OFDM Systems	2015
10	A Semi-Blind SLM Scheme for PAPR Reduction in OFDM Systems With Low-Complexity Transceiver	2015
11	Electrocardiogram signal denoising using non-local wavelet	2015

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	transform domain filtering	
12	Baseline wander removal of ECG signals using Hilbert vibration decomposition	2015
13	Secure Degrees of Freedom of MIMO Rayleigh Block Fading Wiretap Channels With No CSI Anywhere	2015
14	Opportunistic Interference Alignment for Random Access Networks	2015
15	Performance Evaluation of Pilot-Assisted PAPR Reduction Technique in Optical OFDM Systems	2015
16	Improved Spectrum-Sharing Protocol for Cognitive Radio Networks With Multiuser Cooperation	2015
17	Modeling and Analysis Framework for Multi-Interface Multi-Channel Cognitive Radio Networks	2015
18	Spectrum Coordination in Energy-Efficient Cognitive Radio Networks	2015
19	Cooperative Relay Selection in Cognitive Radio Networks	2015
20	Improving Channel Utilization via Cooperative Spectrum Sensing With Opportunistic Feedback in Cognitive Radio Networks	2015

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