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**Communication (2017)**

1	IEEE
2	IEEE "Illuminable" Bright Minds. Bright Ideas.
3	IEEE COMMUNICATIONS SOCIETY 2017 BOARD OF GOVERNORS
4	IEEE COMMUNICATIONS SOCIETY 2017 BOARD OF GOVERNORS
5	On the Efficient Simulation of the Distribution of the Sum of Gamma-Gamma Variates with Application to the Outage Probability Evaluation Over Fading Channels
6	Link Regimes Analysis for Partial Decode-Forward Two-Way Relay Transmission
7	Reduced Switching Connectivity for Large Scale Antenna Selection
8	Modeling the Dual-Slope Behavior of in-Quad EL-FEXT in Twisted Pair Quad Cables
9	IEEE COMMUNICATIONS SOCIETY 2017 BOARD OF GOVERNORS OFFICERS

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10	Generalized MGF of Beckmann Fading with Applications to Wireless Communications Performance Analysis
11	A Convex Approach to Near-Optimal Beamforming Designs for Two-User MISO Fading Interference Channels
12	Revisiting the Capacity of Noncoherent Fading Channels in mmWave System
13	Row-by-Row Coding Schemes for Inter-Cell Interference in Flash Memory
14	IEEE COMMUNICATIONS SOCIETY 2017 BOARD OF GOVERNORS OFFICERS
15	Selection of Parity Check Equations for the Iterative Message-Passing Detection of M-Sequences
16	Allocating Redundancy Between Erasure Coding and Channel Coding when Fading Channel Diversity Grows with Codeword Length

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17	Ambient Backscatter: A New Approach to Improve Network Performance for RF-Powered Cognitive Radio Networks
18	Low-Complexity Base Station Selection Scheme in mmWave Cellular Networks
19	A Differential Chaotic Bit-Interleaved Coded Modulation System Over Multipath Rayleigh Channels
20	Accumulate Repeat Accumulate Check Accumulate Codes
21	Analog Transmission of Correlated Sources Over BC With Distortion Balancing
22	A Weighted Combining Algorithm for Spatial Multiplexing MIMO DF Relaying Systems
23	N -Continuous SC-FDMA and Its Polarized Transmission and Reception
24	Optimal Positioning of Relay Node in Cooperative Molecular Communication Networks
25	Sum-Rate Capacity of Poisson MIMO Multiple-Access Channels
26	Semi-Coherent Detection and Performance Analysis for Ambient Backscatter System

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27	Joint Subchannel and Power Allocation for NOMA Enhanced D2D Communications
28	Joint Estimation of Carrier Frequency Offset and Channel Impulse Response for Linear Periodic Channels
29	A Tone-Based AoA Estimation and Multiuser Precoding for Millimeter Wave Massive MIMO
30	Performance Analysis of Distributed Single Carrier Systems With Distributed Cyclic Delay Diversity
31	Wirelessly Powered Communication Networks With Short Packets
32	Capacity Analysis of Index Modulations Over Spatial, Polarization, and Frequency Dimensions
33	Linear Interference Alignment in Full-Duplex MIMO Networks With Imperfect CSI
34	Interference-Aware Resource Competition Toward Power-Efficient Ultra-Dense Networks
35	Comments and Corrections
36	Layered Group Sparse Beamforming for Cache-Enabled Green Wireless Networks
37	Zero-Delay Source-Channel Coding With a 1-Bit ADC Front End and Correlated Receiver Side Information
38	A Time-Efficient Pair-Wise Collision-Resolving Protocol for Missing Tag Identification

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39	A Time-Efficient Pair-Wise Collision-Resolving Protocol for Missing Tag Identification
40	Secrecy Performance of Transmit Antenna Selection for MIMO Relay Systems With Outdated CSI
41	Achieving Full Secrecy Rate With Energy-Efficient Transmission Control
42	Performance Analysis of Coded Massive MIMO-OFDM Systems Using Effective Matrix Inversion
43	Distributed Hybrid Scheduling in Multi-Cloud Networks Using Conflict Graphs
44	A Recursive Algorithm for Wideband Temporal Spectrum Sensing
45	Analysis and Design of Raptor Codes Using a Multi-Edge Framework
46	A Cross-Layer Optimized Receiver Design for Wireless Feedback Control Systems
47	DNA-GA: A Tractable Approach for Performance Analysis of Uplink Cellular Networks
48	DNA-GA: A Tractable Approach for Performance Analysis of Uplink Cellular Networks
49	DNA-GA: A Tractable Approach for Performance Analysis of Uplink Cellular Networks

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50	Cache-Aided Content Delivery Over Erasure Broadcast Channels
51	When Does Output Feedback Enlarge the Capacity of the Interference Channel?
52	Waveforming Optimizations for Time-Reversal Cloud Radio Access Networks
53	Impact of Residual Additive Transceiver Hardware Impairments on Rayleigh-Product MIMO Channels With Linear Receivers: Exact and Asymptotic Analyses
54	On the DoF Region for the Asymmetric MIMO Two-Way X Relay Channel
55	A New Multi-Edge Metric-Constrained PEG Algorithm for Designing Binary LDPC Code With Improved Cycle-Structure
56	An Improved Energy Detector for Mobile Cognitive Users Over Generalized Fading Channels
57	An Improved Energy Detector for Mobile Cognitive Users Over Generalized Fading Channels
58	Power and Bandwidth Allocation for Cognitive Heterogeneous Multi-Homing Networks
59	Constant Envelope Precoding for MIMO Systems

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60	On the Capacity of Wireless Powered Communication Systems Over Rician Fading Channels
61	Type-Based Sign Modulation and Its Application for ISI Mitigation in Molecular Communication
62	Hybrid Access Femtocells in Overlaid MIMO Cellular Networks With Transmit Selection Under Poisson Field Interference
63	Packet Structure and Receiver Design for Low Latency Wireless Communications With Ultra-Short Packets
64	Packet Structure and Receiver Design for Low Latency Wireless Communications With Ultra-Short Packets
65	Energy-Delay Efficient Power Control in Wireless Networks
66	Capacity of a Binary Droplet-Based Microfluidic Channel With Memory and Anticipation for Flow-Induced Molecular Communications

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67	On the Achievable Secrecy Diversity of Cooperative Networks With Untrusted Relays
68	On the Hopping Loss in MIMO Decode-and-Forward Cooperative Relaying
69	On the Hopping Loss in MIMO Decode-and-Forward Cooperative Relaying
70	Full-Duplex Secure Communications in Cellular Networks With Downlink Wireless Power Transfer
71	Dynamic Small Cell Clustering and Non-Cooperative Game-Based Precoding Design for Two-Tier Heterogeneous Networks With Massive MIMO
72	Discrete Power Control and Transmission Duration Allocation for Self-Backhauling Dense mmWave Cellular Networks
73	On Channel Selection for Carrier Aggregation Systems
74	Direct and Two-Step Positioning in Visible Light Systems
75	Full-Duplex Relaying With Improper Gaussian Signaling Over Nakagami-m Fading Channels

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76	Revisiting Error Analysis in Convolutionally Coded Systems: The Irregular Constellation Case
77	Sequential and Global Likelihood Ascent Search-Based Detection in Large MIMO Systems
78	Joint Relay Beamforming and Receiver Processing for Multi-Way Multi-Antenna Relay Networks
79	On the Design of Multi-Dimensional Irregular Repeat-Accumulate Lattice Codes
80	Circular Buffer Rate-Matched Polar Codes
81	Triangular Constellations for Adaptive Modulation
82	Reconfigurable Hybrid Beamforming for Dual-Polarized mmWave MIMO Channels: Stochastic Channel Modeling and Architectural Adaptation Methods
83	On the Capacity of the AWGN Channel With Additive Radar Interference
84	Secure Broadcasting Using Independent Secret Keys
85	Secure Broadcasting Using Independent Secret Keys
86	Secure Broadcasting Using Independent Secret Keys
87	On Channel Selection for Carrier Aggregation Systems

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88	Robust MISO Beamforming With Cooperative Jamming for Secure Transmission From Perspectives of QoS and Secrecy Rate
89	Batched Network Coding With Adaptive Recoding for Multi-Hop Erasure Channels With Memory
90	Power Beacon-Assisted Millimeter Wave Ad Hoc Networks
91	A New Asymptotic Analysis Technique for Diversity Receptions Over Correlated Lognormal Fading Channels
92	Performance Analysis of Millimeter-Wave Relaying: Impacts of Beamwidth and Self-Interference
93	An Analytical Framework for Modeling a Spatially Repulsive Cellular Network
94	Frequency-Domain Joint Channel Estimation and Decoding for Faster-Than-Nyquist Signaling
95	Cooperative Interference Neutralization in Multi-Hop Wireless Networks
96	LDPC Code Design for Distributed Storage: Balancing Repair Bandwidth, Reliability, and Storage Overhead

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97	Filtered OFDM Systems, Algorithms and Performance Analysis for 5G and Beyond
98	Out-of-Band Millimeter Wave Beamforming and Communications to Achieve Low Latency and High Energy Efficiency in 5G Systems
99	On the Optimality of 0-1 Data Placement in Cache Networks
100	Statistical Delay-QoS Aware Joint Power Allocation and Relaying Link Selection for Free Space Optics Based Fronthaul Networks
101	Relay Selection for Multi-Channel Cooperative Multicast: Lexicographic Max-Min Optimization
102	Cooperative NOMA Systems With Partial Channel State Information Over Nakagami-m Fading Channels
103	Multicast Pushing With Content Request Delay Information

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104	Device-to-Device Communications Enabled Energy Efficient Multicast Scheduling in mmWave Small Cells
105	Spatial Modulation for More Spatial Multiplexing: RF-Chain-Limited Generalized Spatial Modulation Aided MmWave MIMO with Hybrid Precoding
106	Comments and Corrections
107	An Approximate ML Detector for MIMO Channels Corrupted by Phase Noise
108	Reduced-Complexity Equalization for Faster-Than-Nyquist Signaling: New Methods Based on Ungerboeck Observation Model
109	Design and Analysis of Time-Invariant SC-LDPC Convolutional Codes With Small Constraint Length
110	Local Reliability Aware Random Access for Correlated Sources in WSNs
111	Local Reliability Aware Random Access for Correlated Sources in WSNs
112	QoS-Constrained Medium Access Probability Optimization in Wireless Interference-Limited Networks

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113	Cooperative Secure Communication in Two-Hop Buffer-Aided Networks
114	Aggregate Hardware Impairments Over Mixed RF/FSO Relaying Systems With Outdated CSI
115	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks
116	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks
117	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks
118	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks
119	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks
120	Omnidirectional Precoding and Combining Based Synchronization for Millimeter Wave Massive MIMO Systems
121	A Game Theoretic Approach to Setting the Pilot Power Ratio in Multi-User MIMO Systems
122	Modeling and Energy Optimization of LDPC Decoder Circuits with Timing Violations

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123	Robust Fairness Transceiver Design for a Full-Duplex MIMO Multi-Cell System
124	IEEE COMMUNICATIONS SOCIETY 2018 BOARD OF GOVERNORS
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126	Low complexity training methods for common mode aided cancellation of intermittent alien noise in downstream VDSL
127	Low complexity training methods for common mode aided cancellation of intermittent alien noise in downstream VDSL
128	Low complexity training methods for common mode aided cancellation of intermittent alien noise in downstream VDSL
129	Low complexity training methods for common mode aided cancellation of intermittent alien noise in downstream VDSL

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130	Massive Multiuser MIMO in Heterogeneous Cellular Networks with Full Duplex Small Cells
131	Asymptotic Analysis of Area Spectral Efficiency and Energy Efficiency in PPP Networks with SLNR Precoder
132	Noncoherent Short Packet Detection and Decoding for Scatter Radio Sensor Networking
133	Achievable Rates in Uplink Massive MIMO Systems with Pilot Hopping
134	Large Scale Antenna Selection and Precoding for Interference Exploitation
135	Energy Efficiency Optimization of Secondary Network Considering Primary User Return with Alternating-Phase-Type Traffic
136	Decentralized Caching and Coded Delivery with Distinct Cache Capacities

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137	Weighted Sum Rate Maximization in Full-Duplex Multi-User Multi-Cell MIMO Networks
138	The DoF Region of the Three-Receiver Gaussian MIMO Broadcast Channel with Receiver Message Side Information
139	Orientational Beamforming For UWB Signals
140	Ultra Reliable UAV Communication Using Altitude and Cooperation Diversity
141	Resolution-Based Content Discovery in Network of Caches: Is the Control Traffic an Issue?
142	Unary-Coded Dimming Control Improves ON-OFF Keying Visible Light Communication
143	Detection of Unknown Signals Under Complex Elliptically Symmetric Distributions
144	Impact of Non-Linear High Power Amplifiers on Cooperative Relaying Systems
145	An Effective Multiuser Detection Scheme for MPR Random Access Networks

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146	Design and Analysis of a Hybrid Radio Frequency and Visible Light Communication System
147	A New Degree of Freedom For Energy  Efficiency of Digital Communication Systems
148	New Simplest Exact Forms for the 3-D and 4-D Multivariate Rayleigh PDFs With Applications to Antenna Array Geometries
149	Error Correction Coding Meets Cyber-Physical Systems: Message-Passing Analysis of Self-Healing Interdependent Networks
150	OFDM-Like Signaling for Broadband Satellite Applications: Analysis and Advanced Compensation
151	A Low-Cost and Robust Maximum Likelihood Joint Estimator for the Doppler Spread and CFO Parameters Over Flat-Fading Rayleigh Channels
152	On the Double-Generalized Gamma Statistics and Their Application to the Performance Analysis of V2V Communications

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153	Robust Resource Allocation for MIMO Wireless Powered Communication Networks Based on a Non-linear EH Model
154	Joint Transceiver Design for Secure Downlink Communications over an Amplify-and-Forward MIMO Relay
155	Comparison of Collision-Free and Contention-Based Radio Access Protocols for the Internet of Things
156	Degrees of Freedom of Full-duplex Cellular Networks: Effect of Self-interference
157	Beamforming Optimization for Full-Duplex Wireless-Powered MIMO Systems
158	Perfect Gaussian Integer Sequences of Period $pk$ With Degrees Equal To or Less Than $k + 1$
159	Scalable Source Transmission with Unequal Frequency Reuse in MIMO Cellular Networks

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160	Energy Efficient Optimization for Wireless Virtualized Small Cell Networks with Large Scale Multiple Antenna
161	Designing Optimal Interlink Patterns to Maximize Robustness of Interdependent Networks against Cascading Failures
162	Capacity of Energy Harvesting Binary Symmetric Channels with a $(\sigma, \rho)$ -Power Constraint
163	Content Pushing with Request Delay Information
164	Construction and Analysis of Shift-Invariant, Asynchronous-Symmetric Channel-Hopping Sequences for Cognitive Radio Networks
165	ADMM-based Fast Algorithm for Multi-group Multicast Beamforming in Large-Scale Wireless Systems
166	1  Delay-Optimal Buffer-Aware Scheduling with Adaptive Transmission

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167	Improving Secrecy Performance of a Wirelessly Powered Network
168	Wireless Energy Harvesting Using Signals from Multiple Fading Channels
169	Capacity of Energy Harvesting Binary Symmetric Channels with a $(\sigma, \rho)$ -Power Constraint
170	Downlink Coverage Analysis for a Finite 3D Wireless Network of Unmanned Aerial Vehicles
171	Compressive Channel Division Multiple Access for MTC under Frequency-Selective Fading
172	Coded OFDM-IM with Transmit Diversity
173	Joint Rate and Power Allocation for NOMA with Statistical CSI

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174	Joint Rate and Power Allocation for NOMA with Statistical CSI
175	Joint Rate and Power Allocation for NOMA with Statistical CSI
176	Effective Capacity of NOMA and a Suboptimal Power Control Policy With Delay QoS
177	Downlink Performance of Pilot-Reused HetNet with Large-Scale Antenna Arrays
178	A New Framework of Filter Bank Multi-Carrier: Getting Rid of Subband Orthogonality
179	Modeling and performance analysis of wireless networks with ambient backscatter devices
180	Rate-Optimal Relay Selection for Average Interference-Constrained Underlay CR

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181	Heterogeneous Networked Data Recovery from Compressive Measurements Using a Copula Prior
182	Heterogeneous Networked Data Recovery from Compressive Measurements Using a Copula Prior
183	A Fine-Grained Analysis of Millimeter-Wave Device-to-Device Networks
184	Adaptive Weighted Sensing with Simultaneous Transmission for Dynamic Primary User Traffic
185	Average Error Rates and Achievable Capacity in Large Office Indoor Wireless Environments
186	Adaptive Time-Switching Based Energy Harvesting Relaying Protocols

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187	On the Spectral Efficiency and Security Enhancements of NOMA Assisted Multicast-Unicast Streaming
188	Adaptive Time-Switching Based Energy Harvesting Relaying Protocols
189	Analysis of Multi-Server Queue With Spatial Generation and Location-Dependent Service Rate of Customers as a Cell Operation Model
190	Limited-Feedback Low-Encoding Complexity Precoder Design for Downlink of FDD Multi-User Massive MIMO Systems
191	Adaptive Transmission Protocols for Fountain-Coded Multicast in Packet Radio Networks
192	Degrees of Freedom of the Full-Duplex Asymmetric MIMO 3-Way Channel with Unicast and Broadcast Messages

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193	In-network Compression for Multiterminal Cascade MIMO Systems
194	Multihead Multitrack Detection for Next Generation Magnetic Recording, Part II: Complexity Reduction - Algorithms and Performance Analysis
195	Secure Multiple Amplify-and-Forward Relaying over Correlated Fading Channels
196	Multihead Multitrack Detection for Next Generation Magnetic Recording, Part I: Weighted Sum Subtract Joint Detection With ITI Estimation
197	TAS-Based Incremental Hybrid Decode-Amplify-Forward Relaying for Physical Layer Security Enhancement
198	Throughput-Optimal Scheduling and Rate Adaptation for Reduced Feedback Best-M Scheme in OFDM Systems

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199	Throughput Optimization of Multi-BSS IEEE 802.11 Networks with Universal Frequency Reuse
200	Quantized Feedback Based Diagonal Precoding for $N \times 1$ MISO System with Generalized Orthogonal Space-Time Block Codes
201	A Markov Chain Model for the Decoding Probability of Sparse Network Coding
202	Tensor-Based Efficient Multi-Interferer RFI Excision Algorithms for SIMO Systems
203	Spatiotemporal Stochastic Modeling of IoT Enabled Cellular Networks: Scalability and Stability Analysis
204	An Efficient Power Allocation Scheme for Multirelay Systems with Lossy Intra-Links

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205	Approximate Sum Rate for Integer-Forcing Receiver
206	A Communication Theoretical Analysis of Multiple-access Channel Capacity in Magneto-inductive Wireless Networks
207	Generalized 3-D Constellation Design for Spatial Modulation
208	Massive Machine Type Communication with Data Aggregation and Resource Scheduling
209	Power-Constrained Secrecy Rate Maximization for Joint Relay and Jammer Selection Assisted Wireless Networks
210	DCO-OFDM Signals with Derated Power for Visible Light Communications Using an Optimized Adaptive Network-Based Fuzzy Inference System (ANFIS)
211	Performance of Non-orthogonal Multiple Access (NOMA) with a Novel Asynchronous Interference Cancellation Technique
212	Compressed Sensing-Aided Downlink Channel Training for FDD Massive MIMO Systems

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213	Transmit Antenna Selection for Power Adaptive Underlay Cognitive Radio with Instantaneous Interference Constraint
214	Superregular Lower Triangular Toeplitz Matrices for Low Delay Wireless Streaming
215	On the Energy and Spectral Efficiency Tradeoff in Massive MIMO Enabled HetNets with Capacity-Constrained Backhaul Links
216	MISO Networks with Imperfect CSIT: A Topological Rate-Splitting Approach
217	Spectral and Energy Efficiency of Uplink D2D Underlaid Massive MIMO Cellular Networks
218	Optimizing Dual-Mode EEE Interfaces: Deep-Sleep Is Healthy
219	Optimizing Dual-Mode EEE Interfaces: Deep-Sleep Is Healthy
220	Lattice Coding and Decoding for Multiple-Antenna Ergodic Fading Channels
221	Secure Massive MIMO Relaying Systems in a Poisson Field of Eavesdroppers

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222	A New Construction and an Efficient Decoding Method for Rabin-Like Codes
223	Service Provisioning and User Association for Heterogeneous Wireless Railway Networks
224	Optimal Channel Shortener Design for Reduced-State Soft-Output Viterbi Equalizer in Single-Carrier Systems
225	Set Message-Passing Decoding Algorithms for Regular Non-Binary LDPC Codes
226	Predistorter for MIMO System with Nonlinear Power Amplifiers
227	How to Boost the Throughput of HARQ with Off-the-Shelf Codes
228	Adaptive Cross-Packet HARQ
229	Quantized Precoding for Massive MU-MIMO

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230	High Resolution ToA Estimation via Optimal Waveform Design
231	Pre-equalized Faster-than-Nyquist Transmission
232	Availability Analysis and Optimization in CoMP and CA-enabled HetNets
233	Availability Analysis and Optimization in CoMP and CA-enabled HetNets
234	A Novel 3D Massive MIMO Channel Model for Vehicle-to-Vehicle Communication Environments
235	Efficient ADMM Decoding of LDPC Codes Using Look-Up Tables
236	Full Duplex Delay Diversity Relay Transmission Using Bit-Interleaved Coded OFDM
237	Secure Transmissions in Millimeter Wave Systems

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238	Performance Analysis of Multiple Association in Ultra-Dense Networks
239	Optimal Training Design for MIMO-OFDM Two-Way Relay Networks
240	On the Stability of Distributed Power Control Algorithms under Imperfect Estimation of Channel and Interference
241	Discrete-Phase Constant Envelope Precoding for Massive MIMO Systems
242	Delay-Aware Flow Scheduling In Low Latency Enterprise Datacenter Networks: Modelling and Performance Analysis
243	Magnetic Induction based Simultaneous Wireless Information and Power Transfer for Single Information and Multiple Power Receivers
244	Joint Source-Channel Coding for Broadcasting Correlated Sources

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245	Massive MIMO Systems with IQ Imbalance: Channel Estimation and Sum Rate Limits
246	Enhancing Capacity in Compact MIMO-OFDM Systems with Frequency-Selective Matching
247	Scattered Reference Symbol-Based Channel Estimation and Equalization for FBMC-QAM Systems
248	Inactivation Decoding of LT and Raptor Codes: Analysis and Code Design
249	Hybrid RF-Baseband Precoding for  Cooperative Multiuser Massive MIMO Systems with Limited RF Chains
250	MIMO Transmission for Single-fed ESPAR with Quantized Loads

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252	Multi-Objective Optimization for Distributed MIMO Networks
253	Sequential Detection for Cognitive Radio with Multiple Primary Transmit Power Levels
254	User Pairing for Downlink Non-Orthogonal Multiple Access Networks using Matching Algorithm
255	User Pairing for Downlink Non-Orthogonal Multiple Access Networks using Matching Algorithm
256	Resource Allocation for D2D-Enabled Vehicular Communications
257	Nonlinear Transceiver Designs for Full-Duplex MIMO Relay Systems

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258	Nonlinear Transceiver Designs for Full-Duplex MIMO Relay Systems
259	Decoupled Uplink and Downlink in a Wireless System with Buffer-Aided Relaying
260	Pilot Power Allocation Through User Grouping in Multi-Cell Massive MIMO Systems
261	Optimal Relay Node Placement and Flow Allocation in Underwater Acoustic Sensor Networks
262	Variable-Nu Generalized Spatial Modulation for Indoor LOS mmWave Communication: Performance Optimization and Novel Switching Structure
263	Caching Policy Toward Maximal Success Probability and Area Spectral Efficiency of Cache-enabled HetNets
264	A Cooperative SWIPT Scheme for Wirelessly Powered Sensor Networks

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265	A Novel Receiver Design with Joint Coherent and Non-Coherent Processing
266	Block Sparse Bayesian Learning Based NB-IoT Interference Elimination in LTE-Advanced Systems
267	Dynamic Scheduling Decoding of LDPC Codes Based on Tabu Search
268	Performance of Generalized Spatial Modulation MIMO over Measured 60 GHz Indoor Channels
269	On the Calculation of the Incomplete MGF With Applications to Wireless Communications
270	The Capacity of Gaussian MIMO Channels Under Total and Per-Antenna Power Constraints
271	Linear Precoder Design for SWIPT in MIMO Broadcasting Systems with Discrete Input Signals: Manifold Optimization Approach
272	Design of Cooperative Non-Orthogonal Multicast Cognitive Multiple Access for 5G Systems: User Scheduling and Performance Analysis

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273	Performance Analysis of f -Cast Crosstalk-Free Optical Banyan Networks
274	Physical-Layer Security with Full-Duplex Transceivers and Multiuser Receiver at Eve
275	1 Delay-Sensitive Area Spectral Efficiency: A Performance Metric for Delay-Constrained Green Networks
276	1 Delay-Sensitive Area Spectral Efficiency: A Performance Metric for Delay-Constrained Green Networks
277	Channel Magnitude Based Energy Detection with Receive Diversity for Multi-Level Amplitude-Shift Keying in Rayleigh Fading
278	Iterative Synchronization for Dually-Polarized Independent Transmission Streams
279	Non-Binary LDPC Code Design for the Poisson PPM Channel

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280	EXIT Chart-Based IRA Code Design for TDMR Turbo-Equalization System
281	Performance Analysis of LDPC-Coded Diversity Combining on Rayleigh Fading Channels with Impulsive Noise
282	Code Design for Flicker Mitigation in Visible Light Communications Using Finite State Machines
283	Enhancing the Physical Layer of Contention Resolution Diversity Slotted ALOHA
284	Differential Quadrature Spatial Modulation
285	Massive MIMO Performance with Imperfect Channel Reciprocity and Channel Estimation Error
286	Precoded Chebyshev-NLMS based pre-distorter for nonlinear LED compensation in NOMA-VLC

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287	1  Performance of Analog Network Coding based Two-Way EH Relay with Beamforming
288	Resource Allocation and Multicast Routing in Elastic Optical Networks
289	Secrecy in MIMO Networks with No Eavesdropper CSIT
290	Design of 5G Full Dimension Massive MIMO Systems
291	Optimal Relay Selection for the Parallel Hybrid  RF/FSO Relay Channel:  Non-Buffer-Aided and Buffer-Aided Designs
292	Molecular Communication Using Dynamic Properties of Oscillating and Propagating Patterns in Concentration of Information Molecules
293	Spectral and Energy Efficiencies in Full-Duplex Wireless Information and Power Transfer

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294	Full-Duplex Cyber-Weapon with Massive Arrays
295	Parallel and Distributed Resource Allocation with Minimum Traffic Disruption for Network Virtualization
296	Location Assisted Coding for FSO Communication
297	Complexity Reduction for the Optimization of Linear Precoders over Random MIMO Channels
298	Randomized Convolutional Codes for the Wiretap Channel
299	On the Feasibility of Full-Duplex Relaying in Multiple-Antenna Cellular Networks
300	Effect of Synchronisation Error on Optical Spatial Modulation
301	Effect of Synchronisation Error on Optical Spatial Modulation
302	Continuous Transmission of Spatially-Coupled LDPC Code Chains

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303	Continuous Transmission of Spatially-Coupled LDPC Code Chains
304	PAM Decomposition of Ternary CPM With Duobinary Encoding
305	Spectral and Energy Efficiency in Cognitive Radio Systems with Unslotted Primary Users and Sensing Uncertainty
306	Spectral and Energy Efficiency in Cognitive Radio Systems with Unslotted Primary Users and Sensing Uncertainty
307	Secure Hybrid VLC-RF Systems with Light Energy Harvesting
308	Performance Analysis and Optimization for SWIPT Wireless Sensor Networks
309	Optimization of Mixed-ADC Multi-Antenna Systems for Cloud-RAN Deployments
310	Semi-Distributed Spectrum Access to Enhance Throughput for Underlay Device-to-Device Communications

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311	Expectation-Maximization-based Channel Estimation for Multiuser MIMO Systems
312	Error Vector Magnitude Analysis in Generalized Fading with Co-Channel Interference
313	Multi-User Visible Light Communication Broadcast Channels With Zero-Forcing Precoding
314	Leech Constellations of Construction-A Lattices
315	A Synthetic Statistical MIMO PLC Channel Model Applied to an In-Home Scenario
316	Digitally Controlled Analog Cancellation for Full Duplex Broadband Power Line Communications
317	Fixed Versus Selective Scheduling for Buffer-Aided Diamond Relay Systems Under Statistical Delay Constraints
318	Capacity of Social-aware Wireless Networks with Directional Antennas
319	Superposition Modulation based Cooperation for Oversampled OFDM Signals
320	Enhanced Cellular Coverage and Throughput using Rateless Codes

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321	Algebraic Differential Spatial Modulation is Capable of Approaching the Performance of its Coherent Counterpart
322	Hybrid Analog-Digital Precoding Design for Secrecy mmWave MISO-OFDM Systems
323	1  A New Paradigm for Spectrum Sharing between Cellular Wireless Communications and Radio Astronomy Systems
324	Joint Fronthaul Link Selection and Transmit Precoding for Energy Efficiency Maximization of Multiuser MIMO-Aided Distributed Antenna Systems
325	One-Shot Blind Channel Estimation for OFDM Systems Over Frequency-Selective Fading Channels
326	On User Association in Multi-Tier Full-Duplex Cellular Networks
327	On Nonuniform Noisy Decoding for LDPC Codes with Application to Radiation-Induced Errors

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328	Analysis of D2D Underlaid Cellular Networks: SIR Meta Distribution and Mean Local Delay
329	Construction of MDS Convolutional Error-correcting Network Codes Over Cyclic Networks
330	Performance Analysis of Reconfigurable Antenna Arrays
331	Improved Approximation of Storage-Rate Tradeoff for Caching with Multiple Demands
332	Improved Approximation of Storage-Rate Tradeoff for Caching with Multiple Demands
333	Improved Approximation of Storage-Rate Tradeoff for Caching with Multiple Demands
334	Energy-Efficient Secrecy in Wireless Networks Based on Random Jamming
335	Cyclic Interference Alignment for Full-Duplex Multi-Antenna Cellular Networks
336	Adaptive Filtering Based on Time-Averaged MSE for Cyclostationary Signals

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337	Massive MIMO-Enabled Full-Duplex Cellular Networks
338	Bandwidth Scheduling for Energy Efficiency in High-performance Networks
339	Downlink Spectrum Allocation for In-Band and Out-Band Wireless Backhauling of Full-Duplex Small Cells
340	Ring-type Magnitude Modulation for LINC: a pragmatic approach to the efficiency challenge
341	A Utility-Based Joint Subcarrier and Power Allocation for Green Communications in Multi-user Two-Way Regenerative Relay Networks
342	A Utility-Based Joint Subcarrier and Power Allocation for Green Communications in Multi-user Two-Way Regenerative Relay Networks

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343	ReflectFX: In-band full-duplex wireless communication by means of reflected power
344	Learning Based Content Caching and Sharing for Wireless Networks
345	Common Codebook Millimeter Wave Beam Design: Designing Beams for Both Sounding and Communication with Uniform Planar Arrays
346	Performance Modeling for Multipath Mobile Data Offloading in Cellular/WiFi Networks
347	Performance Analysis of Receive Space Modulation in the Shadowing MIMO Broadcast Channel
348	On the Achievable Rates of OFDM with Common Phase Error Compensation in Phase Noise Channels
349	Joint Millimeter-Wave Fronthaul and OFDMA Resource Allocation in Ultra-Dense CRAN
350	On the Construction of Local Parities for $(r, t)$ -Availability in Distributed Storage
351	Analog Transmission of Correlated Sources over fading SIMO Multiple Access Channels

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352	Analog Transmission of Correlated Sources over fading SIMO Multiple Access Channels
353	Multiple Target Counting and Localization using Variational Bayesian EM Algorithm in Wireless Sensor Networks
354	Coded Slotted ALOHA for Erasure Channels: Design and Throughput Analysis
355	Optimal Joint Power and Subcarrier Allocation for Full-Duplex Multicarrier Non-Orthogonal Multiple Access Systems
356	Harmonising Coexistence of Machine Type Communications with Wi-Fi Data Traffic under Frame-based LBT
357	Modeling and Analysis of Uplink Non-Orthogonal Multiple Access (NOMA) in Large-Scale Cellular Networks Using Poisson Cluster Processes

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358	Power Allocation Optimization for Energy-Efficient Massive MIMO Aided Multi-Pair Decode-and-Forward Relay Systems
359	Combating Full-Duplex Active Eavesdropper: A Hierarchical Game Perspective
360	Distributed Power Optimization for Security-Aware Multi-Channel Full-Duplex Communications: A Variational Inequality Framework
361	Coded Caching for Wireless Backhaul Networks with Unequal Link Rates
362	On the General Analysis of Coordinated Regularized Zero-Forcing Precoding: An Application to Two-Tier Small-Cell Networks
363	Offloading in Mobile Edge Computing: Task Allocation and Computational Frequency Scaling
364	Thresholds of Absorbing Sets in Low-Density Parity-Check Codes
365	On the Equivalence of Cubic Permutation Polynomial and ARP Interleavers for Turbo Codes

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366	Unified Stochastic Geometry Modeling and Analysis of Cellular Networks in LOS/NLOS and Shadowed Fading
367	Downlink Transmission of Short Packets: Framing and Control Information Revisited
368	Resource Allocation for Licensed/Unlicensed Carrier Aggregation MIMO Systems
369	Superposition Signaling in Broadcast Interference Networks
370	Superposition Signaling in Broadcast Interference Networks
371	On Detection and Mitigation of Reused Pilots in Massive MIMO Systems
372	Coverage in Heterogeneous Downlink Millimeter Wave Cellular Networks
373	Secrecy Outage Analysis of k-th Best Link in Random Wireless Networks
374	Optimisation of Load Balancing in Hybrid LiFi/RF Networks

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375	Symbol Flipping Decoding Algorithms Based on Prediction for Non-Binary LDPC Codes
376	Optimal Rate-Diverse Wireless Network Coding
377	Optimal Rate-Diverse Wireless Network Coding
378	Linear Transceiver Designs for MIMO Indoor Visible Light Communications under Lighting Constraints
379	Linear Transceiver Designs for MIMO Indoor Visible Light Communications under Lighting Constraints
380	Joint Optimization of User Association, Subchannel Allocation, and Power Allocation in Multi-cell Multi-association OFDMA Heterogeneous Networks
381	Joint Source-Relay Secure Precoding for MIMO Relay Networks with Direct Links

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382	Simultaneous Wireless Information and Power Transfer for Downlink Multi-User Massive Antenna-Array Systems
383	Comments and Corrections
384	Closed-Form Expressions for ICI/ISI in Filtered OFDM Systems for Asynchronous 5G Uplink
385	Artificial Noise Aided Secure Multicasting Design Under Secrecy Outage Constraint
386	Computationally Efficient Energy Optimization for Cloud Radio Access Networks with CSI Uncertainty
387	On Optimality of Myopic Policy in Multi-Channel Opportunistic Access
388	Optimal Resource Allocation for Power-Efficient MC-NOMA with Imperfect Channel State Information
389	Multiple-Mode Orthogonal Frequency Division Multiplexing with Index Modulation

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390	Secure Transmission with Large Numbers of Antennas and Finite Alphabet Inputs
391	Access Point Selection for Hybrid Li-Fi and Wi-Fi Networks
392	On the Design of Symmetric Entropy-constrained Multiple Description Scalar Quantizer with Linear Joint Decoders
393	Large System Analysis of Resource Allocation in Heterogeneous Networks with Wireless Backhaul
394	Cooperative Detection-assisted Localization in Wireless Networks in the Presence of Ranging Outliers
395	Statistical Analysis of Path Losses for Sectorized Wireless Networks
396	Statistical Analysis of Path Losses for Sectorized Wireless Networks
397	Modeling, Analysis, and Optimization of Coded Caching in Small-Cell Networks
398	Spectral and Energy Efficiency of Multi-pair Massive MIMO Relay Network with Hybrid Processing

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399	1  Code-Shifted Differential Chaos Shift Keying with Code Index Modulation for High Data Rate Transmission
400	Dynamic Spectrum Access in Time-varying Environment: Distributed Learning Beyond Expectation Optimization
401	Statistical Analysis of Path Losses for Sectorized Wireless Networks
402	Energy Management for Energy Harvesting Wireless Sensors with Adaptive Retransmission
403	Massive MIMO with Max-Min Power Control in Line-of-Sight Propagation Environment
404	Massive MIMO with Max-Min Power Control in Line-of-Sight Propagation Environment
405	Topological Interference Management with Reconfigurable Antennas

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406	Unified Performance Analysis for Multiuser Mixed $\eta$ - $\mu$ and M-Distribution Dual-Hop RF/FSO Systems
407	Index Programming for Flash Memory
408	Cooperative Communications with Wireless Energy Harvesting over Nakagami-m Fading Channels
409	Cooperative Communications with Wireless Energy Harvesting over Nakagami-m Fading Channels
410	Optical MIMO-OFDM with Generalized LED Index Modulation
411	Modeling and Analysis of D2D Millimeter-Wave Networks with Poisson Cluster Processes
412	Compressed Training Adaptive Equalization: Algorithms and Analysis
413	Precoding for Uplink Distributed Antenna Systems with Transmit Correlation in Rician Fading Channels

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414	Statistical Delay QoS Driven Energy Efficiency and Effective Capacity Tradeoff for Uplink Multi-User Multi-Carrier Systems
415	User-Centric Networking for Dense C-RANs: High-SNR Capacity Analysis and Antenna Selection
416	Exploiting Full/Half-Duplex User Relaying in NOMA Systems
417	Communications and Signals Design for Wireless Power Transmission
418	OFDM-based Interference Alignment in Single-Antenna Cellular Wireless Networks
419	A Distributed Scheduling Algorithm for Underwater Acoustic Networks with Large Propagation Delays

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420	Blind Signal Detection in Massive MIMO: Exploiting the Channel Sparsity
421	Scattered Pilots Based Frequency Synchronization for Multiuser OFDM Systems with Large Number of Receive Antennas
422	Scattered Pilots Based Frequency Synchronization for Multiuser OFDM Systems with Large Number of Receive Antennas
423	Universal Filtered Multi-Carrier Transmission With Adaptive Active Interference Cancellation
424	On the Performance Gap between ML and Iterative Decoding of Finite-Length Turbo-Coded BICM in MIMO Systems
425	Overlapping Coalition Formation Game Based Opportunistic Cooperative Localization Scheme for Wireless Networks

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426	Simplified Symbol Flipping Algorithms for Nonbinary Low-Density Parity-Check Codes
427	Primary Channel Gain Estimation for Spectrum Sharing in Cognitive Radio Networks
428	Impact of Mobility on the Uplink Sum Rate of MIMO-OFDMA Cellular Systems
429	Impact of Mobility on the Uplink Sum Rate of MIMO-OFDMA Cellular Systems
430	Performance Analysis of Non-Regenerative Massive-MIMO-NOMA Relay Systems for 5G
431	Codebook Design for Beam Alignment in Millimeter Wave Communication Systems
432	QoS-Based Interference Alignment with Similarity Clustering for Efficient Subchannel Allocation in Dense Small Cell Networks

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433	Hybridly-Connected Structure for Hybrid Beamforming in mmWave Massive MIMO Systems
434	On the Performance of Reconfigurable Distributed MIMO in Mobile Networks
435	Interference Resilient Duty Cycling for Sensor Networks under Co-existing Environments
436	The K-Best Sphere Decoding for Soft Detection of Generalized Spatial Modulation
437	On the Performance of Reconfigurable Distributed MIMO in Mobile Networks
438	Mission Aware Contact Plan Design in Resource-Limited Small Satellite Networks
439	Mission Aware Contact Plan Design in Resource-Limited Small Satellite Networks
440	On the Capacity of Bandlimited Optical Intensity Channels With Gaussian Noise
441	On the Capacity of Bandlimited Optical Intensity Channels With Gaussian Noise

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442	Optimal Dynamic Multicast Scheduling for Cache-Enabled Content-Centric Wireless Networks
443	Single-RF Multi-antenna Transmission with Peak Power Constraint
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445	Braided Convolutional Codes with Sliding Window Decoding
446	Scalable Spectrum Allocation and User Association in Networks with Many Small Cells
447	Capacity of the Gaussian Two-Hop Full-Duplex Relay Channel with Residual Self-Interference
448	Secrecy Rate of MISO Optical Wireless Scattering Communications

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