

Feng Shu

List of Publications by Year in descending order

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2915
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#	ARTICLE	IF	CITATIONS
1	Two-Tier Matching Game in Small Cell Networks for Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 254-265.	4.6	21
2	Popularity-Aware Online Task Offloading for Heterogeneous Vehicular Edge Computing Using Contextual Clustering of Bandits. IEEE Internet of Things Journal, 2022, 9, 5422-5433.	8.7	19
3	Non-Line-of-Sight Localization of Passive UHF RFID Tags in Smart Storage Systems. IEEE Transactions on Mobile Computing, 2022, 21, 3731-3743.	5.8	7
4	Intelligent Reflecting Surface (IRS)-Aided Covert Wireless Communications With Delay Constraint. IEEE Transactions on Wireless Communications, 2022, 21, 532-547.	9.2	77
5	Joint Optimization for RIS-Assisted Wireless Communications: From Physical and Electromagnetic Perspectives. IEEE Transactions on Communications, 2022, 70, 606-620.	7.8	17
6	Communication-Efficient Coordinated RSS-Based Distributed Passive Localization via Drone Cluster. IEEE Transactions on Vehicular Technology, 2022, 71, 1072-1076.	6.3	11
7	Alleviating Secrecy Outage Events via Power Optimization for Finite-Alphabet Inputs. IEEE Wireless Communications Letters, 2022, 11, 352-356.	5.0	1
8	Remote Sensing Image Fusion Algorithm Based on Two-Stream Fusion Network and Residual Channel Attention Mechanism. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	1.2	7
9	High-Performance Passive Eigen-Model-Based Detectors of Single Emitter Using Massive MIMO Receivers. IEEE Wireless Communications Letters, 2022, 11, 836-840.	5.0	6
10	Joint Precoder and Beamformer Design for Secure Relay Networks With Finite-Alphabet Inputs and Statistical CSI of Eve. IEEE Transactions on Wireless Communications, 2022, 21, 5814-5827.	9.2	0
11	Multiple Antennas-Based Secure Communications With Channel Inversion Power Control. IEEE Wireless Communications Letters, 2022, 11, 781-785.	5.0	1
12	Impact of Low-Resolution ADC on DOA Estimation Performance for Massive MIMO Receive Array. IEEE Systems Journal, 2022, 16, 2635-2638.	4.6	12
13	Beamforming Design for IRS-Aided Decode-and-Forward Relay Wireless Network. IEEE Transactions on Green Communications and Networking, 2022, 6, 198-207.	5.5	27
14	Performance Analysis of Massive Hybrid Directional Modulation With Mixed Phase Shifters. IEEE Transactions on Vehicular Technology, 2022, 71, 5604-5608.	6.3	4
15	Collaborative Intelligent Reflecting Surface Networks With Multi-Agent Reinforcement Learning. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 532-545.	10.8	10
16	Improved Approximate Expectation Propagation Massive MIMO Detector with Second-Order Richardson Iteration. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	1.2	0
17	Fast ambiguous DOA elimination method of DOA measurement for hybrid massive MIMO receiver. Science China Information Sciences, 2022, 65, 1.	4.3	8
18	Low-complexity and high-performance receive beamforming for secure directional modulation networks against an eavesdropping-enabled full-duplex attacker. Science China Information Sciences, 2022, 65, 1.	4.3	7

#	ARTICLE	IF	CITATIONS
19	Federated Learning-Based Localization With Heterogeneous Fingerprint Database. IEEE Wireless Communications Letters, 2022, 11, 1364-1368.	5.0	6
20	On Performance Loss of DOA Measurement Using Massive MIMO Receiver With Mixed-ADCs. IEEE Wireless Communications Letters, 2022, 11, 1614-1618.	5.0	7
21	Estimation of Covariance Matrix of Interference for Secure Spatial Modulation Against a Malicious Full-Duplex Attacker. IEEE Transactions on Vehicular Technology, 2022, 71, 9050-9054.	6.3	1
22	High-Performance Estimation of Jamming Covariance Matrix for IRS-Aided Directional Modulation Network With a Malicious Attacker. IEEE Transactions on Vehicular Technology, 2022, 71, 10137-10142.	6.3	0
23	Intelligent Reflecting Surface Aided Secure Transmission With Colluding Eavesdroppers. IEEE Transactions on Vehicular Technology, 2022, 71, 10155-10160.	6.3	5
24	Energy-Efficiency Joint Trajectory and Resource Allocation Optimization in Cognitive UAV Systems. IEEE Internet of Things Journal, 2022, 9, 23058-23071.	8.7	4
25	Phase Optimization for Massive IRS-Aided Two-Way Relay Network. IEEE Open Journal of the Communications Society, 2022, 3, 1025-1034.	6.9	2
26	Spatial Modulation: An Attractive Secure Solution to Future Wireless Networks. IEEE Network, 2022, 36, 130-135.	6.9	3
27	Incentive Mechanism Design for Two-Layer Wireless Edge Caching Networks Using Contract Theory. IEEE Transactions on Services Computing, 2021, 14, 1426-1438.	4.6	9
28	Precoding and Transmit Antenna Subarray Selection for Secure Hybrid Spatial Modulation. IEEE Transactions on Wireless Communications, 2021, 20, 1903-1917.	9.2	11
29	UAV-Enabled Covert Wireless Data Collection. IEEE Journal on Selected Areas in Communications, 2021, 39, 3348-3362.	14.0	41
30	Enhanced Secrecy Rate Maximization for Directional Modulation Networks via IRS. IEEE Transactions on Communications, 2021, 69, 8388-8401.	7.8	46
31	Secure Transmission with Directional Modulation Based on Random Frequency Diverse Arrays. , 2021, , 29-50.		0
32	Secrecy Zone Achieved by Directional Modulation With Random Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2021, 70, 2001-2006.	6.3	7
33	Efficient Receive Beamformers for Secure Spatial Modulation Against a Malicious Full-Duplex Attacker With Eavesdropping Ability. IEEE Transactions on Vehicular Technology, 2021, 70, 1962-1966.	6.3	8
34	Secure multigroup multicast communication systems via intelligent reflecting surface. China Communications, 2021, 18, 39-51.	3.2	25
35	Enhanced Secure Wireless Information and Power Transfer via Intelligent Reflecting Surface. IEEE Communications Letters, 2021, 25, 1084-1088.	4.1	51
36	Multi-Objective Whale Optimization Algorithm for Computation Offloading Optimization in Mobile Edge Computing. Sensors, 2021, 21, 2628.	3.8	32

#	ARTICLE	IF	CITATIONS
37	Hybrid Precoding Design for Secure Generalized Spatial Modulation With Finite-Alphabet Inputs. IEEE Transactions on Communications, 2021, 69, 2570-2584.	7.8	10
38	The opportunistic relaying scheme design and symbol error rate analysis for PLC networks in smart homes. Science China Information Sciences, 2021, 64, 1.	4.3	0
39	Enhanced RSS-Based UAV Localization Via Trajectory and Multi-Base Stations. IEEE Communications Letters, 2021, 25, 1881-1885.	4.1	20
40	Deep-Learning-Based Phase-Only Robust Massive MU-MIMO Hybrid Beamforming. IEEE Communications Letters, 2021, 25, 2280-2284.	4.1	5
41	Age of Information for Short-Packet Covert Communication. IEEE Wireless Communications Letters, 2021, 10, 1890-1894.	5.0	53
42	Index Modulation Based on Four-dimensional Spherical Code and its DNN-based Receiver Design. IEEE Transactions on Vehicular Technology, 2021, , 1-1.	6.3	2
43	Joint Transmit Power and Reflection Beamforming Design for IRS-Aided Covert Communications. , 2021, , .		4
44	Adaptive 2-D Scheduling-Based Nonbinary Majority-Logic Decoding for NAND Flash Memory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1349-1353.	3.0	4
45	Directional Modulation: A Physical-Layer Security Solution to 5G and Future Wireless Networks. IEEE Network, 2020, 34, 210-216.	6.9	19
46	An Anti-Eavesdropping Strategy for Precoding-Aided Spatial Modulation With Rough CSI of Eve. IEEE Transactions on Vehicular Technology, 2020, 69, 2343-2347.	6.3	4
47	Resolution Limit of Positioning Error for Range-Free Localization Schemes. IEEE Systems Journal, 2020, 14, 2980-2989.	4.6	7
48	Cache-Enabled MIMO Power Line Communications With Precoding Design in Smart Grid. IEEE Transactions on Green Communications and Networking, 2020, 4, 315-325.	5.5	15
49	Optimal Detection of UAV's Transmission With Beam Sweeping in Covert Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1080-1085.	6.3	34
50	Optimal Task Allocation in Vehicular Fog Networks Requiring URLLC: An Energy-Aware Perspective. IEEE Transactions on Network Science and Engineering, 2020, 7, 1879-1890.	6.4	12
51	Harvest-and-Opportunistically-Relay: Analyses on Transmission Outage and Covertness. IEEE Transactions on Wireless Communications, 2020, 19, 7779-7795.	9.2	11
52	Low-Complexity Leakage-Based Secure Precise Wireless Transmission With Hybrid Beamforming. IEEE Wireless Communications Letters, 2020, 9, 1687-1691.	5.0	3
53	UAV-Enabled Uplink Non-Orthogonal Multiple Access System: Joint Deployment and Power Control. IEEE Transactions on Vehicular Technology, 2020, 69, 10090-10102.	6.3	25
54	On Resource Allocation in Covert Wireless Communication With Channel Estimation. IEEE Transactions on Communications, 2020, 68, 6456-6469.	7.8	26

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55	Machine-learning-based high-resolution DOA measurement and robust directional modulation for hybrid analog-digital massive MIMO transceiver. Science China Information Sciences, 2020, 63, 1.	4.3	14
56	Heterogeneous User-Centric Cluster Migration Improves the Connectivity-Handover Trade-Off in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 16027-16043.	6.3	21
57	Energy-efficient alternating iterative secure structure of maximizing secrecy rate for directional modulation networks. Physical Communication, 2020, 38, 100949.	2.1	3
58	Connectivity Based DV-Hop Localization for Internet of Things. IEEE Transactions on Vehicular Technology, 2020, 69, 8949-8958.	6.3	29
59	Two Efficient Beamformers for Secure Precise Jamming and Communication With Phase Alignment. IEEE Wireless Communications Letters, 2020, 9, 406-410.	5.0	0
60	Path Planning for UAV-Mounted Mobile Edge Computing With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5723-5728.	6.3	149
61	Capacity and Optimum Signal Constellations for VLC Systems. Journal of Lightwave Technology, 2020, 38, 2180-2189.	4.6	12
62	Robust Directional Modulation Design for Secrecy Rate Maximization in Multiuser Networks. IEEE Systems Journal, 2020, 14, 3150-3160.	4.6	5
63	Vehicle Tracking in Wireless Sensor Networks via Deep Reinforcement Learning. , 2020, 4, 1-4.		18
64	Cache-Enabled Power Line Communication Networks: Caching Node Selection and Backhaul Energy Optimization. IEEE Transactions on Green Communications and Networking, 2020, 4, 606-615.	5.5	6
65	On Safeguarding Privacy and Security in the Framework of Federated Learning. IEEE Network, 2020, 34, 242-248.	6.9	147
66	Two low-complexity high-performance linear precoding schemes for secure spatial modulation. Physical Communication, 2020, 41, 101099.	2.1	1
67	Transmit Antenna Selection and Beamformer Design for Secure Spatial Modulation With Rough CSI of Eve. IEEE Transactions on Wireless Communications, 2020, 19, 4643-4656.	9.2	18
68	UAV-Enabled Secure Communication With Finite Blocklength. IEEE Transactions on Vehicular Technology, 2020, 69, 16309-16313.	6.3	16
69	On Likelihood Functions to Minimize KL Divergence in Binary Hypothesis Testing. , 2020, , .		0
70	Regional robust secure precise wireless transmission design for multi-user UAV broadcasting system. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	0
71	Performance analysis of indoor localization based on channel state information ranging model. , 2020, , .		3
72	Covert Communications Without Channel State Information at Receiver in IoT systems. IEEE Internet of Things Journal, 2020, 7, 11103-11114.	8.7	27

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73	Contract-Based Small-Cell Caching for Data Disseminations in Ultra-Dense Cellular Networks. IEEE Transactions on Mobile Computing, 2019, 18, 1042-1053.	5.8	31
74	Sum-MSE Gain of DFT-Based Channel Estimator Over Frequency-Domain LS One in Full-Duplex OFDM Systems. IEEE Systems Journal, 2019, 13, 1231-1240.	4.6	3
75	Covert Transmission With a Self-Sustained Relay. IEEE Transactions on Wireless Communications, 2019, 18, 4089-4102.	9.2	61
76	Atom search optimization algorithm based hybrid antenna array receive beamforming to control sidelobe level and steering the null. AEU - International Journal of Electronics and Communications, 2019, 111, 152854.	2.9	34
77	Performance Analysis of Directional Modulation With Finite-Quantized RF Phase Shifters in Analog Beamforming Structure. IEEE Access, 2019, 7, 97457-97465.	4.2	8
78	Joint Optimization of a UAV's Trajectory and Transmit Power for Covert Communications. IEEE Transactions on Signal Processing, 2019, 67, 4276-4290.	5.3	122
79	Power Allocation Strategies for Secure Spatial Modulation. IEEE Systems Journal, 2019, 13, 3869-3872.	4.6	12
80	Two Practical Random-Subcarrier-Selection Methods for Secure Precise Wireless Transmissions. IEEE Transactions on Vehicular Technology, 2019, 68, 9018-9028.	6.3	18
81	Achieving Maximum Reliability in Deadline-Constrained Random Access With Multiple-Packet Reception. IEEE Transactions on Vehicular Technology, 2019, 68, 5997-6008.	6.3	13
82	Probabilistic Caching for Small-Cell Networks With Terrestrial and Aerial Users. IEEE Transactions on Vehicular Technology, 2019, 68, 9162-9177.	6.3	21
83	Short-term traffic flow prediction based on spatio-temporal analysis and CNN deep learning. Transportmetrica A: Transport Science, 2019, 15, 1688-1711.	2.0	140
84	Energy-Efficient Wireless Powered Secure Transmission With Cooperative Jamming for Public Transportation. IEEE Transactions on Green Communications and Networking, 2019, 3, 876-885.	5.5	5
85	Optimal power allocation for secure directional modulation networks with a full-duplex UAV user. Science China Information Sciences, 2019, 62, 1.	4.3	9
86	Covert Wireless Communications With Channel Inversion Power Control in Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2019, 68, 12135-12149.	6.3	56
87	An Efficient Hybrid Beamforming Design for Massive MIMO Receive Systems via SINR Maximization Based on an Improved Bat Algorithm. IEEE Access, 2019, 7, 136545-136558.	4.2	10
88	Secure Hybrid Digital and Analog Precoder for mmWave Systems With Low-Resolution DACs and Finite-Quantized Phase Shifters. IEEE Access, 2019, 7, 109763-109775.	4.2	8
89	Optimal Buffer Resource Allocation in Wireless Caching Networks. , 2019, , .		0
90	Delay-Constrained Covert Communications With a Full-Duplex Receiver. IEEE Wireless Communications Letters, 2019, 8, 813-816.	5.0	91

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91	Page-Based Dynamic Partitioning Scheduling for LDPC Decoding in MLC NAND Flash Memory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 2082-2086.	3.0	4
92	Towards a Model of Regional Vessel Near-miss Collision Risk Assessment for Open Waters based on AIS Data. Journal of Navigation, 2019, 72, 1449-1468.	1.7	38
93	User Association and Path Planning for UAV-Aided Mobile Edge Computing With Energy Restriction. IEEE Wireless Communications Letters, 2019, 8, 1312-1315.	5.0	69
94	High-Performance Power Allocation Strategies for Secure Spatial Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 5164-5168.	6.3	21
95	Protocol Sequences for Asynchronous Multiple Access With Physical-Layer Network Coding. IEEE Wireless Communications Letters, 2019, 8, 980-983.	5.0	1
96	Antenna Selection Method of Maximizing Secrecy Rate for Green Secure Spatial Modulation. IEEE Transactions on Green Communications and Networking, 2019, 3, 288-301.	5.5	33
97	A Robust Secure Hybrid Analog and Digital Receive Beamforming Scheme for Efficient Interference Reduction. IEEE Access, 2019, 7, 22227-22234.	4.2	15
98	Distributed resource allocation in caching-enabled heterogeneous cellular networks based on matching theory. CCF Transactions on Networking, 2019, 2, 57-68.	1.1	1
99	UAV-Enabled Secure Communications: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Vehicular Technology, 2019, 68, 4069-4073.	6.3	183
100	Covert Wireless Data Collection Based on Unmanned Aerial Vehicles. , 2019, , .		5
101	Generalized p -Persistent CSMA for Asynchronous Multiple-Packet Reception. IEEE Transactions on Communications, 2019, 67, 6966-6979.	7.8	9
102	IEEE Access Special Section Editorial: Secure Modulations for Future Wireless Communications and Mobile Networks. IEEE Access, 2019, 7, 181942-181946.	4.2	0
103	A Robust Symbol Timing Synchronization Scheme for OFDM Systems Applied in a Vehicular Network. IEEE Systems Journal, 2019, 13, 1443-1453.	4.6	16
104	PAPR Reduction Based on Parallel Tabu Search for Tone Reservation in OFDM Systems. IEEE Wireless Communications Letters, 2019, 8, 576-579.	5.0	14
105	Robust Beamforming Design for Secure DM-Based Relay Networks With Self-Sustained Jammers. IEEE Access, 2019, 7, 969-983.	4.2	4
106	A Novel Precoding and Impulsive Noise Mitigation Scheme for MIMO Power Line Communication Systems. IEEE Systems Journal, 2019, 13, 6-17.	4.6	14
107	Secure SWIPT for Directional Modulation-Aided AF Relaying Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 253-268.	14.0	17
108	On Social-Aware Content Caching for D2D-Enabled Cellular Networks With Matching Theory. IEEE Internet of Things Journal, 2019, 6, 297-310.	8.7	46

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109	Optimal Multichannel Slotted ALOHA for Deadline-Constrained Unicast Systems. IEEE Systems Journal, 2019, 13, 1308-1311.	4.6	2
110	On Impact of Earth Constraint on TDOA-Based Localization Performance in Passive Multisatellite Localization Systems. IEEE Systems Journal, 2018, 12, 3861-3864.	4.6	19
111	Design of incentive scheme using contract theory in energy-harvesting enabled sensor networks. Physical Communication, 2018, 28, 166-175.	2.1	3
112	A Cramer-Rao Lower Bound of CSI-Based Indoor Localization. IEEE Transactions on Vehicular Technology, 2018, 67, 2814-2818.	6.3	54
113	Power Allocation Strategy of Maximizing Secrecy Rate for Secure Directional Modulation Networks. IEEE Access, 2018, 6, 38794-38801.	4.2	20
114	Secure and Precise Wireless Transmission for Random-Subcarrier-Selection-Based Directional Modulation Transmit Antenna Array. IEEE Journal on Selected Areas in Communications, 2018, 36, 890-904.	14.0	88
115	Robust Secure Transmission of Using Main-Lobe-Integration-Based Leakage Beamforming in Directional Modulation MU-MIMO Systems. IEEE Systems Journal, 2018, 12, 3775-3785.	4.6	35
116	Artificial-Noise-Aided Secure Multicast Precoding for Directional Modulation Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 6658-6662.	6.3	75
117	Nonconvex Penalized Regularization for Robust Sparse Recovery in the Presence of α Noise. IEEE Access, 2018, 6, 25474-25485.	4.2	26
118	GPI-Based Secrecy Rate Maximization Beamforming Scheme for Wireless Transmission With AN-Aided Directional Modulation. IEEE Access, 2018, 6, 12044-12051.	4.2	9
119	Low-Complexity and High-Resolution DOA Estimation for Hybrid Analog and Digital Massive MIMO Receive Array. IEEE Transactions on Communications, 2018, 66, 2487-2501.	7.8	134
120	Secrecy energy efficiency optimization for MISO SWIPT systems. Physical Communication, 2018, 28, 19-27.	2.1	4
121	Cumulant-based blind cooperative spectrum sensing method for cognitive radio. Physical Communication, 2018, 29, 343-349.	2.1	6
122	Task Offloading for UAV-based Mobile Edge Computing via Deep Reinforcement Learning. , 2018, , .		39
123	A Novel D-Metric for Blind Detection of Polar Codes. , 2018, , .		3
124	On the Capacity and Optimal Signal Constellations for SISO-VLC Systems. , 2018, , .		1
125	Quality-of-Service Driven Resource Allocation Based on Martingale Theory. , 2018, , .		20
126	Achieving Covert Wireless Communications Using a Full-Duplex Receiver. IEEE Transactions on Wireless Communications, 2018, 17, 8517-8530.	9.2	155

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127	Design and Performance Analysis of Power Line Communication Networks Under Impulsive Noise in Smart Home. IEEE Access, 2018, 6, 71368-71377.	4.2	1
128	A Multi-Rounds Double Auction Based Resource Trading for Small-Cell Caching System. , 2018, , .		2
129	Covert Communication Achieved by a Greedy Relay in Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4766-4779.	9.2	129
130	Covert Communications with a Full-Duplex Receiver over Wireless Fading Channels. , 2018, , .		48
131	Multiple-Antenna Spectrum Sensing Method With Random Arrivals of Primary Users. IEEE Transactions on Vehicular Technology, 2018, 67, 8978-8983.	6.3	8
132	DV-Hop Localization With Protocol Sequence Based Access. IEEE Transactions on Vehicular Technology, 2018, 67, 9972-9982.	6.3	15
133	Two High-Performance Schemes of Transmit Antenna Selection for Secure Spatial Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 8969-8973.	6.3	60
134	Artificial-Noise-Aided Secure Transmission With Directional Modulation Based on Random Frequency Diverse Arrays. IEEE Access, 2017, 5, 1658-1667.	4.2	148
135	Pilot Optimization, Channel Estimation, and Optimal Detection for Full-Duplex OFDM Systems With IQ Imbalances. IEEE Transactions on Vehicular Technology, 2017, 66, 6993-7009.	6.3	33
136	Compressed sensing-based time-domain channel estimator for full-duplex OFDM systems with IQ-imbalances. Science China Information Sciences, 2017, 60, 1.	4.3	12
137	Exploiting the physical layer security for providing a simple user privacy security system for vehicular networks. , 2017, , .		5
138	Resource Trading for a Small-Cell Caching System: A Contract-Theory Based Approach. , 2017, , .		13
139	Sub-channel assignment and link schedule for In-home power line communication network. IET Communications, 2017, 11, 673-679.	2.2	5
140	A Contract-Based Incentive Mechanism for Data Caching in Ultra-Dense Small-Cells Networks. , 2017, , .		2
141	A Blind Adaptive Tuning Algorithm for Reliable and Energy-Efficient Communication in IEEE 802.15.4 Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8605-8609.	6.3	10
142	On the Auction-Based Resource Trading for a Small-Cell Caching System. IEEE Communications Letters, 2017, 21, 1473-1476.	4.1	13
143	A Small-Cell Caching System in Mobile Cellular Networks With LoS and NLoS Channels. IEEE Access, 2017, 5, 1296-1305.	4.2	10
144	A cooperative modulation recognition: New paradigm for power line networks in smart grid. Physical Communication, 2017, 25, 268-276.	2.1	6

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145	Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. IEEE Transactions on Wireless Communications, 2017, 16, 6602-6617.	9.2	57
146	Reference Anchor Selection and Global Optimized Solution for DV-Hop Localization in Wireless Sensor Networks. Wireless Personal Communications, 2017, 96, 5995-6005.	2.7	33
147	Covert Communication in Wireless Relay Networks. , 2017, , .		32
148	Pilot Optimization and Power Allocation for OFDM-Based Full-Duplex Relay Networks With IQ-Imbalances. IEEE Access, 2017, 5, 24344-24352.	4.2	17
149	Security challenges and trends in vehicular communications. , 2017, , .		4
150	Secure precise transmission with multi-relay-aided directional modulation. , 2017, , .		15
151	Approximate Analytic Quadratic-Optimization Solution for TDOA-Based Passive Multi-Satellite Localization With Earth Constraint. IEEE Access, 2016, 4, 9283-9292.	4.2	30
152	D2D-enabled wireless caching using Stackelberg game. , 2016, , .		5
153	Delay analysis of completely irrepressible sequences for mobile ad hoc networks. , 2016, , .		0
154	A new protocol sequences based broadcast scheme for wireless sensor networks. , 2016, , .		0
155	Optimal Coherent Combining Scheme for Relay Networks. Wireless Personal Communications, 2016, 88, 575-585.	2.7	3
156	Adaptive robust beamformer for multi-pair two-way relay networks with imperfect channel state information. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 265-280.	2.6	0
157	Robust Synthesis Method for Secure Directional Modulation With Imperfect Direction Angle. IEEE Communications Letters, 2016, 20, 1084-1087.	4.1	104
158	A Commercial Video-Caching System for Small-Cell Cellular Networks Using Game Theory. IEEE Access, 2016, 4, 7519-7531.	4.2	49
159	Robust Synthesis Scheme for Secure Multi-Beam Directional Modulation in Broadcasting Systems. IEEE Access, 2016, 4, 6614-6623.	4.2	85
160	Spatial channel pairing based coherent combining for relay networks. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 938-945.	2.6	0
161	Adaptive robust Max-SLNR precoder for MU-MIMO-OFDM systems with imperfect CSI. Science China Information Sciences, 2016, 59, 1.	4.3	6
162	A reliable opportunistic routing for smart grid with in-home power line communication networks. Science China Information Sciences, 2016, 59, 1.	4.3	8

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163	Protocol Sequences for the Multiple-Packet Reception Channel Without Feedback. IEEE Transactions on Communications, 2016, 64, 1687-1698.	7.8	19
164	A performance comparison between CACs and SCACs based topology-transparent scheduling. , 2015, , .		1
165	Performance analysis for a two-way relaying power line network with analog network coding. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 892-898.	2.6	9
166	Binary Sequences for Multiple Access Collision Channel: Identification and Synchronization. IEEE Transactions on Communications, 2014, 62, 667-675.	7.8	6
167	High-sum-rate beamformers for multi-pair two-way relay networks with amplify-and-forward relaying strategy. Science China Information Sciences, 2014, 57, 1-11.	4.3	8
168	Low-complexity optimal spatial channel pairing for AF-based multi-pair two-way relay networks. Science China Information Sciences, 2014, 57, 1-10.	4.3	8
169	An energy-aware reliable deterministic broadcast protocol for wireless sensor networks. , 2014, , .		4
170	High-performance beamforming and spatial channel pairing schemes at relay station for AF-based multi-pair two-way relay networks. , 2014, , .		3
171	An efficient sparse channel estimator combining time-domain LS and iterative shrinkage for OFDM systems with IQ-imbalances. Science China Information Sciences, 2012, 55, 2604-2610.	4.3	7
172	Multi-User MIMO with Limited Feedback Using Alternating Codebooks. IEEE Transactions on Communications, 2012, 60, 333-338.	7.8	10
173	MIMO Precoding Using Rotating Codebooks. IEEE Transactions on Vehicular Technology, 2011, 60, 1222-1227.	6.3	13
174	Relay Selection Schemes for Precoded Cooperative OFDM and Their Achievable Diversity Orders. IEEE Signal Processing Letters, 2011, 18, 231-234.	3.6	10
175	ML integer frequency offset estimation for OFDM systems with null subcarriers: Estimation range and pilot design. Science China Information Sciences, 2010, 53, 2567-2575.	4.3	10
176	A Minimum-Complexity High-Performance Channel Estimator for MIMO-OFDM Communications. IEEE Transactions on Vehicular Technology, 2010, 59, 4634-4639.	6.3	4
177	On Performance Comparison of Wideband Multiple Primary User Detection Methods in Cognitive Radios. , 2009, , .		4
178	A Low-Complexity Carrier Frequency Offset Estimator for OFDM System with Virtual Subcarriers. , 2008, , .		0
179	A comparison of two 2D channel estimators for OFDM system. Journal of Electronics, 2006, 23, 814-819.	0.2	0