

Moe Z Win

List of Publications by Year in descending order

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426
papers

29,139
citations

9428

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427
all docs

427
docs citations

427
times ranked

10599
citing authors

#	ARTICLE	IF	CITATIONS
1	Location Secrecy Enhancement in Adversarial Networks via Trajectory Control. , 2023, 7, 601-606.		0
2	Filtering Over Non-Gaussian Channels: The Role of Anytime Capacity. , 2023, 7, 472-477.		4
3	Massive Uncoordinated Multiple Access for Beyond 5G. IEEE Transactions on Wireless Communications, 2022, 21, 2969-2986.	6.1	7
4	The Impact of Multipath Information on Time-of-Arrival Estimation. IEEE Transactions on Signal Processing, 2022, 70, 31-46.	3.2	16
5	Network Localization and Navigation With Scalable Inference and Efficient Operation. IEEE Transactions on Mobile Computing, 2022, 21, 2072-2087.	3.9	15
6	Cooperative Localization in Massive Networks. IEEE Transactions on Information Theory, 2022, 68, 1237-1258.	1.5	26
7	Fusion of Sensor Measurements and Target-Provided Information in Multitarget Tracking. IEEE Transactions on Signal Processing, 2022, 70, 322-336.	3.2	14
8	Optimal Myopic Policy for Restless Bandit: A Perspective of Eigendecomposition. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 420-433.	7.3	1
9	Location Awareness in Beyond 5G Networks via Reconfigurable Intelligent Surfaces. IEEE Journal on Selected Areas in Communications, 2022, 40, 2011-2025.	9.7	40
10	Cooperative Localization and Multitarget Tracking in Agent Networks with the Sum-Product Algorithm. IEEE Open Journal of Signal Processing, 2022, 3, 169-195.	2.3	10
11	Location Awareness Via Intelligent Surfaces: A Path Toward Holographic NLN. IEEE Vehicular Technology Magazine, 2022, 17, 37-45.	2.8	13
12	Data-Aided Doppler Compensation for High-Speed Railway Communications Over mmWave Bands. IEEE Transactions on Wireless Communications, 2021, 20, 520-534.	6.1	16
13	Joint Beamforming and Power Splitting for Wideband Millimeter Wave SWIPT Systems. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1211-1227.	7.3	12
14	Enhanced Uplink Quantum Communication With Satellites via Downlink Channels. IEEE Transactions on Quantum Engineering, 2021, 2, 1-18.	2.9	16
15	Efficient entanglement distillation for quantum channels with polarization mode dispersion. Physical Review A, 2021, 103, .	1.0	6
16	Joint Communication and Localization in Millimeter Wave Networks. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1439-1454.	7.3	22
17	Localization in 5G Ecosystem with Wi-Fi. , 2021, , .		3
18	mmWave Communications for High Mobility Devices: The Case of Road Side Links. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	On Multisensor Activation Policies for Bernoulli Tracking. , 2021, , .		1
20	Cram�r-Rao Bounds for Near-Field Localization. , 2021, , .		1
21	Location Awareness in Beyond 5G Networks. IEEE Communications Magazine, 2021, 59, 22-27.	4.9	35
22	Sensors Localization and Target Tracking in Underwater Environment via Belief Propagation. , 2021, , .		2
23	A Statistical Range Information Model with Application to UWB Localization. , 2021, , .		2
24	Networked Filtering with Feedback for Discrete-Time Observations. , 2021, , .		2
25	Piggybacking on quantum streams. Physical Review A, 2020, 102, .	1.0	10
26	On the Labeled Multi-Bernoulli Filter with Merged Measurements. , 2020, , .		1
27	Spectrum Occupancy and Interference Model Based on Network Experimentation in Hospital. IEEE Transactions on Wireless Communications, 2020, 19, 5666-5675.	6.1	11
28	Quantum Discrimination of Noisy Photon-Added Coherent States. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 469-479.	1.9	13
29	Queuing Delay for Quantum Networks. , 2020, , .		0
30	Scalable Data Association for Extended Object Tracking. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 491-507.	1.6	27
31	Localization Based on Channel Impulse Response Estimates. , 2020, , .		10
32	Quantum Queuing Delay. IEEE Journal on Selected Areas in Communications, 2020, 38, 605-618.	9.7	12
33	Information-Seeking Sensor Selection for Ocean-of-Things. IEEE Internet of Things Journal, 2020, 7, 10072-10088.	5.5	27
34	Optimal Remote Entanglement Distribution. IEEE Journal on Selected Areas in Communications, 2020, 38, 540-556.	9.7	38
35	Molecular Communication in H-Diffusion. IEEE Transactions on Communications, 2020, 68, 4293-4310.	4.9	10
36	Bayesian information fusion and multitarget tracking for maritime situational awareness. IET Radar, Sonar and Navigation, 2020, 14, 1845-1857.	0.9	19

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37	Network Navigation With Scheduling: Distributed Algorithms. IEEE/ACM Transactions on Networking, 2019, 27, 1319-1329.	2.6	5
38	Scalable Probabilistic Data Association with Extended Objects. , 2019, , .		6
39	Efficiency of Cooperation and Its Geometric Interpretation in Network Localization. , 2019, , .		2
40	Enabling Situational Awareness in Millimeter Wave Massive MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1196-1211.	7.3	72
41	Millimeter-wave Sine Corrugated Fermi Tapered Slot Antenna Array Based on Partial Synthesized Dielectric. , 2019, , .		0
42	Opportunistic Scheduling Revisited Using Restless Bandits: Indexability and Index Policy. IEEE Transactions on Wireless Communications, 2019, 18, 4997-5010.	6.1	2
43	Joint Position and Velocity Estimation for Cooperative Networks using Full-Duplex Radios. , 2019, , .		1
44	A Belief Propagation Algorithm for Multipath-Based SLAM. IEEE Transactions on Wireless Communications, 2019, 18, 5613-5629.	6.1	130
45	Molecular Communication With Anomalous Diffusion in Stochastic Nanonetworks. IEEE Transactions on Communications, 2019, 67, 8378-8393.	4.9	16
46	Soft Information for Localization-of-Things. Proceedings of the IEEE, 2019, 107, 2240-2264.	16.4	125
47	Intrinsic Secrecy in Inhomogeneous Stochastic Networks. IEEE/ACM Transactions on Networking, 2019, 27, 1291-1304.	2.6	4
48	Remote State Preparation for Multiple Parties. , 2019, , .		1
49	Uncoordinated Massive Wireless Networks: Spatiotemporal Models and Multiaccess Strategies. IEEE/ACM Transactions on Networking, 2019, 27, 918-931.	2.6	35
50	Heterogeneous Information Fusion for Multitarget Tracking Using the Sum-product Algorithm. , 2019, , .		6
51	Quantum Pulse Position Modulation with Photon-Added Coherent States. , 2019, , .		8
52	Efficient and Robust Physical Layer Key Generation. , 2019, , .		5
53	Data Association for Tracking Extended Targets. , 2019, , .		5
54	A high gain 60 GHz antipodal Fermi-tapered slot antenna based on robust synthesized dielectric. Microwave and Optical Technology Letters, 2019, 61, 761-765.	0.9	4

#	ARTICLE	IF	CITATIONS
55	Single-Anchor Localization and Synchronization of Full-Duplex Agents. IEEE Transactions on Communications, 2019, 67, 2355-2367.	4.9	22
56	Relay selection based clustering techniques for high density LTE networks. Wireless Networks, 2019, 25, 2305-2314.	2.0	3
57	Base Station Ordering for Emergency Call Localization in Ultra-Dense Cellular Networks. IEEE Access, 2018, 6, 301-315.	2.6	21
58	Unified Interference Engineering for Wireless Information Secrecy. IEEE Journal on Selected Areas in Communications, 2018, 36, 1579-1592.	9.7	2
59	Soft Range Information for Network Localization. IEEE Transactions on Signal Processing, 2018, 66, 3155-3168.	3.2	75
60	Message Passing Algorithms for Scalable Multitarget Tracking. Proceedings of the IEEE, 2018, 106, 221-259.	16.4	216
61	Cooperative Network Synchronization: Asymptotic Analysis. IEEE Transactions on Signal Processing, 2018, 66, 757-772.	3.2	85
62	Doppler Spread Estimation in MIMO Frequency-Selective Fading Channels. IEEE Transactions on Wireless Communications, 2018, 17, 1951-1965.	6.1	31
63	Threshold Profiling for Wideband Ranging. IEEE Signal Processing Letters, 2018, 25, 873-877.	2.1	13
64	A Scalable Algorithm for Network Localization and Synchronization. IEEE Internet of Things Journal, 2018, 5, 4714-4727.	5.5	43
65	A Computational Geometry Framework for Efficient Network Localization. IEEE Transactions on Information Theory, 2018, 64, 1317-1339.	1.5	50
66	Mercury: An Infrastructure-Free System for Network Localization and Navigation. IEEE Transactions on Mobile Computing, 2018, 17, 1119-1133.	3.9	59
67	Network Localization and Synchronization Using Full-Duplex Radios. IEEE Transactions on Signal Processing, 2018, 66, 714-728.	3.2	40
68	Time-Correlated Markovian Quantum Channels. , 2018, , .		0
69	On the Accuracy of Network Localization and Synchronization. , 2018, , .		2
70	Molecular Communication in a Cox Field of Interfering Molecules. , 2018, , .		1
71	On Information Coupling in Cooperative Network Synchronization. , 2018, , .		0
72	Network Localization and Navigation Using Measurements with Uncertain Origin. , 2018, , .		12

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73	Efficient Multisensor Localization for the Internet of Things: Exploring a New Class of Scalable Localization Algorithms. IEEE Signal Processing Magazine, 2018, 35, 153-167.	4.6	114
74	Miniature Wind Energy Harvester Based on Voltage Multipliers. , 2018, , .		2
75	Adaptive recurrence quantum entanglement distillation for two-Kraus-operator channels. Physical Review A, 2018, 97, .	1.0	23
76	Network Operation Strategies for Efficient Localization and Navigation. Proceedings of the IEEE, 2018, 106, 1224-1254.	16.4	122
77	A Theoretical Foundation of Network Localization and Navigation. Proceedings of the IEEE, 2018, 106, 1136-1165.	16.4	237
78	Joint Navigation and Multitarget Tracking in Networks. , 2018, , .		12
79	Device-Free Counting via OFDM Signals of Opportunity. , 2018, , .		3
80	Single-Anchor Passive Localization of Full-Duplex Agents. , 2018, , .		1
81	Spatiotemporal Information Coupling in Network Navigation. IEEE Transactions on Information Theory, 2018, 64, 7759-7779.	1.5	27
82	Foundations and Trends in Localization Technologiesâ€™Part II [Scanning the Issue]. Proceedings of the IEEE, 2018, 106, 1132-1135.	16.4	6
83	Foundations and Trends in Localization Technologies â€™ Part I [Scanning the Issue]. Proceedings of the IEEE, 2018, 106, 1019-1021.	16.4	7
84	Cooperative Network Operation Design for Mobility-Aware Cloud Radio Access Network. IEEE Transactions on Wireless Communications, 2018, 17, 7819-7833.	6.1	4
85	Device-Free Counting via Wideband Signals. IEEE Journal on Selected Areas in Communications, 2017, 35, 1163-1174.	9.7	57
86	Resource Management Games for Distributed Network Localization. IEEE Journal on Selected Areas in Communications, 2017, 35, 317-329.	9.7	29
87	Revisiting the Capacity of Noncoherent Fading Channels in mmWave System. IEEE Transactions on Communications, 2017, , 1-1.	4.9	11
88	Network Navigation With Scheduling: Error Evolution. IEEE Transactions on Information Theory, 2017, 63, 7509-7534.	1.5	53
89	Number of Transmit Antennas Detection Using Time-Diversity of the Fading Channel. IEEE Transactions on Signal Processing, 2017, 65, 4031-4046.	3.2	16
90	Hybrid Clustering Scheme for Relaying in Multi-Cell LTE High User Density Networks. IEEE Access, 2017, 5, 4431-4438.	2.6	17

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91	Localization and synchronization in wireless networks using full-duplex radios. , 2017, , .		2
92	Node placement for localization networks. , 2017, , .		19
93	Location-aware network operation for cloud radio access network. , 2017, , .		1
94	Towards counting via passive radar using OFDM waveforms. , 2017, , .		5
95	Localization of multiple sources using time-difference of arrival measurements. , 2017, , .		16
96	Maximum secrecy rate in inhomogeneous poisson networks. , 2017, , .		0
97	Group-Blind Detection for Uplink of Massive MIMO Systems. IEEE Transactions on Signal Processing, 2017, 65, 1272-1286.	3.2	6
98	Modeling and Analysis of Cellular Networks Using Stochastic Geometry: A Tutorial. IEEE Communications Surveys and Tutorials, 2017, 19, 167-203.	24.8	348
99	Peregrine: 3-D network localization and navigation. , 2017, , .		13
100	A theoretical foundation for location secrecy. , 2017, , .		3
101	Accuracy of OFDM ranging systems in the presence of processing impairments. , 2017, , .		3
102	Distributed situation-aware scheduling algorithm for network navigation. , 2017, , .		2
103	On the scalability of uncoordinated multiple access for the Internet of Things. , 2017, , .		16
104	On protecting location secrecy. , 2017, , .		3
105	A Hybrid Pad-Line-Finger De-Embedding Technique for Broadband Modeling of CMOS Transistor. IEEE Microwave and Wireless Components Letters, 2016, 26, 507-509.	2.0	10
106	Analysis of Efficient Recurrence Quantum Entanglement Distillation. , 2016, , .		1
107	Non-Data-Aided SNR Estimation for Multiple Antenna Systems. , 2016, , .		2
108	On the performance of map-aware cooperative localization. , 2016, , .		2

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109	An achievable rate region for superposed timing channels. , 2016, , .		3
110	Timing capacity of queues with random arrival and modified service times. , 2016, , .		2
111	Power Management for Cooperative Localization: A Game Theoretical Approach. IEEE Transactions on Signal Processing, 2016, 64, 6517-6532.	3.2	36
112	Revisiting the capacity of noncoherent fading channels in mmWave system. , 2016, , .		1
113	On the Design of Scheduling Algorithms for Wireless Navigation Networks. , 2016, , .		5
114	Group-blind detection with very large antenna arrays in the presence of pilot contamination. , 2016, , .		6
115	Joint Power and Bandwidth Allocation in Wireless Cooperative Localization Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6527-6540.	6.1	62
116	Performance Limits and Geometric Properties of Array Localization. IEEE Transactions on Information Theory, 2016, 62, 1054-1075.	1.5	116
117	Generalized Interference Alignmentâ€™Part II: Application to Wireless Secrecy. IEEE Transactions on Signal Processing, 2016, 64, 2688-2701.	3.2	14
118	High-Accuracy Localization for Assisted Living: 5G systems will turn multipath channels from foe to friend. IEEE Signal Processing Magazine, 2016, 33, 59-70.	4.6	321
119	Context-Aided Inertial Navigation via<?Pub _newline ?>Belief Condensation. IEEE Transactions on Signal Processing, 2016, 64, 3250-3261.	3.2	34
120	Generalized Interference Alignmentâ€™Part I: Theoretical Framework. IEEE Transactions on Signal Processing, 2016, 64, 2675-2687.	3.2	9
121	Blind Selection of Representative Observations for Sensor Radar Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 1388-1400.	3.9	96
122	Multi-tier network secrecy in the ether. , 2015, 53, 28-32.		12
123	<inline-formula> <tex-math notation="LaTeX">\$H\$ </tex-math></inline-formula>-Transforms for Wireless Communication. IEEE Transactions on Information Theory, 2015, 61, 3773-3809.	1.5	27
124	On secret-key generation using wideband channels in mobile networks. , 2015, , .		1
125	Analysis of network navigation with scheduling strategies. , 2015, , .		2
126	Wideband localization via range likelihood based on reduced dataset. , 2015, , .		3

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127	Efficient Recurrence Quantum Distillation Algorithm for Phase-Damping Channel. , 2015, , .		1
128	Network navigation algorithms with power control. , 2015, , .		1
129	An area state-aided indoor localization algorithm and its implementation. , 2015, , .		0
130	Power management game for cooperative localization in asynchronous networks. , 2015, , .		5
131	Least Square Cooperative Localization. IEEE Transactions on Vehicular Technology, 2015, 64, 1318-1330.	3.9	78
132	Distributed Power Allocation for Cooperative Wireless Network Localization. IEEE Journal on Selected Areas in Communications, 2015, 33, 28-40.	9.7	93
133	A Contrast Adjustment Thresholding Method for Surface Defect Detection Based on Mesoscopy. IEEE Transactions on Industrial Informatics, 2015, 11, 642-649.	7.2	97
134	Machine Learning for Wideband Localization. IEEE Journal on Selected Areas in Communications, 2015, 33, 1357-1380.	9.7	93
135	A Mathematical Model for Wideband Ranging. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 216-228.	7.3	110
136	Energy-Efficient Network Navigation Algorithms. IEEE Journal on Selected Areas in Communications, 2015, 33, 1418-1430.	9.7	61
137	A computational geometry method for optimal resource allocation in network localization. , 2015, , .		0
138	H-fading: Towards H-transform theory for wireless communication. , 2015, , .		3
139	H-transforms for symbol error probability. , 2015, , .		0
140	H-transforms for channel capacity. , 2015, , .		0
141	Wireless Network Intrinsic Secrecy. IEEE/ACM Transactions on Networking, 2015, 23, 56-69.	2.6	48
142	On OFDM Ranging Accuracy in Multipath Channels. IEEE Systems Journal, 2014, 8, 104-114.	2.9	26
143	Joint power and bandwidth allocation in cooperative wireless localization networks. , 2014, , .		18
144	A general analytical framework of scheduling algorithms for network navigation. , 2014, , .		3

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145	Experimental Characterization of Diversity Navigation. IEEE Systems Journal, 2014, 8, 115-124.	2.9	59
146	Sensor Radar Networks for Indoor Tracking. IEEE Wireless Communications Letters, 2014, 3, 157-160.	3.2	49
147	Cognitive network secrecy with interference engineering. IEEE Network, 2014, 28, 86-90.	4.9	26
148	Energy efficient cooperative network localization. , 2014, , .		8
149	Passive radar via LTE signals of opportunity. , 2014, , .		24
150	Stop-and-Go Receivers for Non-Coherent Impulse Communications. IEEE Transactions on Wireless Communications, 2014, 13, 4821-4835.	6.1	12
151	Power Optimization for Network Localization. IEEE/ACM Transactions on Networking, 2014, 22, 1337-1350.	2.6	124
152	Modified CRLB for Cooperative Geolocation of Two Devices Using Signals of Opportunity. IEEE Transactions on Wireless Communications, 2014, 13, 3636-3649.	6.1	27
153	The Feasibility Conditions for Interference Alignment in MIMO Networks. IEEE Transactions on Signal Processing, 2013, 61, 2066-2077.	3.2	76
154	Intrinsic Information of Wideband Channels. IEEE Journal on Selected Areas in Communications, 2013, 31, 1875-1888.	9.7	12
155	Belief Condensation Filtering. IEEE Transactions on Signal Processing, 2013, 61, 4403-4415.	3.2	38
156	Robust Power Allocation for Energy-Efficient Location-Aware Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1918-1930.	2.6	87
157	On the Performance Limits of Map-Aware Localization. IEEE Transactions on Information Theory, 2013, 59, 5023-5038.	1.5	28
158	Intervehicle Communication: Cox-Fox Modeling. IEEE Journal on Selected Areas in Communications, 2013, 31, 418-433.	9.7	54
159	Distributed secrecy in multilevel wireless networks. , 2013, , .		0
160	Interference engineering for heterogeneous wireless networks with secrecy. , 2013, , .		1
161	Distributed Network Secrecy. IEEE Journal on Selected Areas in Communications, 2013, 31, 1889-1900.	9.7	36
162	A smartphone localization algorithm using RSSI and inertial sensor measurement fusion. , 2013, , .		37

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163	Sparsity-inspired power allocation for network localization. , 2013, , .		6
164	Robust power allocation for active and passive localization. , 2013, , .		0
165	Integrated IMU and radiolocation-based navigation using a Rao-Blackwellized particle filter. , 2013, , .		7
166	Analysis of intervehicle communication. , 2013, , .		0
167	On the impact of a priori information on localization accuracy and complexity. , 2013, , .		1
168	Interference engineering for network secrecy in Nakagami fading channels. , 2013, , .		0
169	Designing interference alignment algorithms by algebraic geometry analysis. , 2013, , .		2
170	Ranging likelihood for wideband wireless localization. , 2013, , .		4
171	On the stability of scheduling algorithms for network navigation. , 2013, , .		2
172	The feasibility conditions of interference alignment for MIMO interference networks. , 2012, , .		4
173	On the minimum number of active anchors for optimal localization. , 2012, , .		13
174	Spatio-temporal information coupling in cooperative network navigation. , 2012, , .		4
175	Optimal power allocation for active and passive localization. , 2012, , .		15
176	First passage time problems with applications to synchronization. , 2012, , .		2
177	Information dissemination in MIMO networks. , 2012, , .		1
178	Secure node packing of large-scale wireless networks. , 2012, , .		8
179	Optimal active sensing in heterogeneous cognitive radio networks. , 2012, , .		1
180	Robust power allocation via semidefinite programming for wireless localization. , 2012, , .		6

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181	A Comparison of Parametric and Sample-Based Message Representation in Cooperative Localization. International Journal of Navigation and Observation, 2012, 2012, 1-10.	0.8	61
182	A Machine Learning Approach to Ranging Error Mitigation for UWB Localization. IEEE Transactions on Communications, 2012, 60, 1719-1728.	4.9	254
183	Doubly robust power optimization for network localization. , 2012, , .		0
184	Framework of belief condensation filtering and deterministic discrete filters. , 2012, , .		1
185	Modeling of intervehicle communication. , 2012, , .		1
186	Feasibility conditions of interference alignment with general alignment set. , 2012, , .		0
187	Secure Communication in Stochastic Wireless Networksâ€™Part II: Maximum Rate and Collusion. IEEE Transactions on Information Forensics and Security, 2012, 7, 139-147.	4.5	78
188	Secure Communication in Stochastic Wireless Networksâ€™Part I: Connectivity. IEEE Transactions on Information Forensics and Security, 2012, 7, 125-138.	4.5	132
189	The role of aggregate interference on intrinsic network secrecy. , 2012, , .		15
190	Sensing and Probing Cardinalities for Active Cognitive Radios. IEEE Transactions on Signal Processing, 2012, 60, 1833-1848.	3.2	21
191	Distributed scheduling for cooperative localization based on information evolution. , 2012, , .		22
192	Network Navigation: Theory and Interpretation. IEEE Journal on Selected Areas in Communications, 2012, 30, 1823-1834.	9.7	138
193	Neighboring Cell Search for LTE Systems. IEEE Transactions on Wireless Communications, 2012, 11, 0908-919.	6.1	44
194	Network Experimentation for Cooperative Localization. IEEE Journal on Selected Areas in Communications, 2012, 30, 467-475.	9.7	229
195	Superanalysis of Optimum Combining with Application to Femtocell Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 509-524.	9.7	27
196	Percolation and Connectivity in the Intrinsically Secure Communications Graph. IEEE Transactions on Information Theory, 2012, 58, 1716-1730.	1.5	91
197	On the SNR Penalties of Ideal and Non-ideal Subset Diversity Systems. IEEE Transactions on Information Theory, 2012, 58, 3708-3724.	1.5	5
198	On the multipath order in wideband indoor propagation environments. , 2011, , .		0

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199	Optimal energy tradeoff for active sensing in cognitive radio networks. , 2011, , .		2
200	Bounds for OFDM ranging accuracy in multipath channels. , 2011, , .		1
201	A Theoretical Foundation of Network Navigation. , 2011, , .		0
202	Interference rejection combining in two-tier femtocell networks. , 2011, , .		5
203	Wireless secrecy in large-scale networks. , 2011, , .		7
204	Intentional Network Interference for Denial of Wireless Eavesdropping. , 2011, , .		20
205	Cognitive Network Interference- Modeling and Applications. , 2011, , .		6
206	WiMedia networks in the presence of hard DRP devices. , 2011, , .		0
207	Wideband cooperative localization via belief condensation. , 2011, , .		0
208	Optimal Sensing Cardinality for Cognitive Radios. IEEE Communications Letters, 2011, 15, 716-718.	2.5	5
209	Information Coupling in Cooperative Localization. IEEE Communications Letters, 2011, 15, 737-739.	2.5	28
210	Cognitive Network Interference. IEEE Journal on Selected Areas in Communications, 2011, 29, 480-493.	9.7	266
211	Statistical Analysis of Steepest Descend and LMS Detection Algorithms for MIMO Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 4667-4672.	3.9	6
212	Throughput per Pass for Data Aggregation from a Wireless Sensor Network via a UAV. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 2610-2626.	2.6	43
213	Network localization and navigation via cooperation. , 2011, 49, 56-62.		482
214	Efficient Anchor Power Allocation for Location-Aware Networks. , 2011, , .		11
215	Belief Condensation Filter for Navigation in Harsh Environments. , 2011, , .		0
216	Effect of Bandwidth on the Number of Multipath Components in Realistic Wireless Indoor Channels. , 2011, , .		7

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217	On the accuracy of localization systems using wideband antenna arrays. IEEE Transactions on Communications, 2010, 58, 270-280.	4.9	116
218	Robust Power Allocation Algorithms for Wireless Relay Networks. IEEE Transactions on Communications, 2010, 58, 1931-1938.	4.9	51
219	MIMO Networks: The Effects of Interference. IEEE Transactions on Information Theory, 2010, 56, 336-349.	1.5	127
220	Fundamental Limits of Wideband Localization Part II: Cooperative Networks. IEEE Transactions on Information Theory, 2010, 56, 4981-5000.	1.5	693
221	Fundamental Limits of Wideband Localization Part I: A General Framework. IEEE Transactions on Information Theory, 2010, 56, 4956-4980.	1.5	538
222	Ultrawide Bandwidth RFID: The Next Generation?. Proceedings of the IEEE, 2010, 98, 1570-1582.	16.4	163
223	The effect of unequal power reception in cellular MIMO networks. Signal Processing, 2010, 90, 1850-1860.	2.1	2
224	Randomized Search Strategies for Wideband Signal Acquisition. , 2010, , .		1
225	Neighboring Cell Search Techniques for LTE Systems. , 2010, , .		9
226	Superanalysis of the Interference Effect on Adaptive Antenna Systems. , 2010, , .		3
227	Statistical Modeling of Cognitive Network Interference. , 2010, , .		5
228	Slow Adaptive OFDMA Systems Through Chance Constrained Programming. IEEE Transactions on Signal Processing, 2010, 58, 3858-3869.	3.2	85
229	NLOS identification and mitigation for localization based on UWB experimental data. IEEE Journal on Selected Areas in Communications, 2010, 28, 1026-1035.	9.7	488
230	Communication in a Poisson Field of Interferers-Part I: Interference Distribution and Error Probability. IEEE Transactions on Wireless Communications, 2010, 9, 2176-2186.	6.1	114
231	Communication in a Poisson Field of Interferers-Part II: Channel Capacity and Interference Spectrum. IEEE Transactions on Wireless Communications, 2010, 9, 2187-2195.	6.1	55
232	Techniques for Enhanced Physical-Layer Security. , 2010, , .		9
233	Non-Coherent UWB Communication in the Presence of Multiple Narrowband Interferers. IEEE Transactions on Wireless Communications, 2010, 9, 3365-3379.	6.1	50
234	Continuum percolation in the intrinsically secure communications graph. , 2010, , .		21

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235	Estimating the number of signals observed by multiple sensors. , 2010, , .		23
236	Nonparametric Obstruction Detection for UWB Localization. , 2009, , .		14
237	On the Use of Multipath Geometry for Wideband Cooperative Localization. , 2009, , .		34
238	Slow Adaptive OFDMA via Stochastic Programming. , 2009, , .		5
239	Outage-Based Throughput in Wireless Packet Networks. , 2009, , .		1
240	Gallager's exponent for MIMO channels: a reliability-rate tradeoff. IEEE Transactions on Communications, 2009, 57, 972-985.	4.9	44
241	On the marginal distribution of the eigenvalues of wishart matrices. IEEE Transactions on Communications, 2009, 57, 1050-1060.	4.9	148
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