

# Moe Z Win

## List of Publications by Year in descending order

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426  
papers

29,139  
citations

8181

76  
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6836

155  
g-index

427  
all docs

427  
docs citations

427  
times ranked

9271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-wide bandwidth time-hopping spread-spectrum impulse radio for wireless multiple-access communications. IEEE Transactions on Communications, 2000, 48, 679-689.	7.8	2,148
2	Impulse radio: how it works. IEEE Communications Letters, 1998, 2, 36-38.	4.1	1,808
3	Cooperative Communications with Outage-Optimal Opportunistic Relaying. IEEE Transactions on Wireless Communications, 2007, 6, 3450-3460.	9.2	958
4	Cooperative Localization in Wireless Networks. Proceedings of the IEEE, 2009, 97, 427-450.	21.3	918
5	The ultra-wide bandwidth indoor channel: from statistical model to simulations. IEEE Journal on Selected Areas in Communications, 2002, 20, 1247-1257.	14.0	772
6	A Comprehensive Standardized Model for Ultrawideband Propagation Channels. IEEE Transactions on Antennas and Propagation, 2006, 54, 3151-3166.	5.1	772
7	Ranging With Ultrawide Bandwidth Signals in Multipath Environments. Proceedings of the IEEE, 2009, 97, 404-426.	21.3	733
8	MIMO systems with antenna selection. IEEE Microwave Magazine, 2004, 5, 46-56.	0.8	696
9	Fundamental Limits of Wideband Localization Part II: Cooperative Networks. IEEE Transactions on Information Theory, 2010, 56, 4981-5000.	2.4	693
10	On the capacity of spatially correlated mimo rayleigh-fading channels. IEEE Transactions on Information Theory, 2003, 49, 2363-2371.	2.4	570
11	Characterization of ultra-wide bandwidth wireless indoor channels: a communication-theoretic view. IEEE Journal on Selected Areas in Communications, 2002, 20, 1613-1627.	14.0	540
12	Fundamental Limits of Wideband Localization Part I: A General Framework. IEEE Transactions on Information Theory, 2010, 56, 4956-4980.	2.4	538
13	A Mathematical Theory of Network Interference and Its Applications. Proceedings of the IEEE, 2009, 97, 205-230.	21.3	525
14	NLOS identification and mitigation for localization based on UWB experimental data. IEEE Journal on Selected Areas in Communications, 2010, 28, 1026-1035.	14.0	488
15	Evaluation of an ultra-wide-band propagation channel. IEEE Transactions on Antennas and Propagation, 2002, 50, 561-570.	5.1	485
16	Network localization and navigation via cooperation. , 2011, 49, 56-62.		482
17	On the robustness of ultra-wide bandwidth signals in dense multipath environments. IEEE Communications Letters, 1998, 2, 51-53.	4.1	438
18	On the energy capture of ultrawide bandwidth signals in dense multipath environments. IEEE Communications Letters, 1998, 2, 245-247.	4.1	435

#	ARTICLE	IF	CITATIONS
19	Capacity of MIMO systems with antenna selection. IEEE Transactions on Wireless Communications, 2005, 4, 1759-1772.	9.2	379
20	Modeling and Analysis of Cellular Networks Using Stochastic Geometry: A Tutorial. IEEE Communications Surveys and Tutorials, 2017, 19, 167-203.	39.4	348
21	High-Accuracy Localization for Assisted Living: 5G systems will turn multipath channels from foe to friend. IEEE Signal Processing Magazine, 2016, 33, 59-70.	5.6	321
22	Performance of low-complexity RAKE reception in a realistic UWB channel. , 0, , .		276
23	Analysis of hybrid selection/maximal-ratio combining in Rayleigh fading. IEEE Transactions on Communications, 1999, 47, 1773-1776.	7.8	275
24	Cognitive Network Interference. IEEE Journal on Selected Areas in Communications, 2011, 29, 480-493.	14.0	266
25	A Machine Learning Approach to Ranging Error Mitigation for UWB Localization. IEEE Transactions on Communications, 2012, 60, 1719-1728.	7.8	254
26	A Theoretical Foundation of Network Localization and Navigation. Proceedings of the IEEE, 2018, 106, 1136-1165.	21.3	237
27	Virtual branch analysis of symbol error probability for hybrid selection/maximal-ratio combining in Rayleigh fading. IEEE Transactions on Communications, 2001, 49, 1926-1934.	7.8	236
28	Network Experimentation for Cooperative Localization. IEEE Journal on Selected Areas in Communications, 2012, 30, 467-475.	14.0	229
29	Message Passing Algorithms for Scalable Multitarget Tracking. Proceedings of the IEEE, 2018, 106, 221-259.	21.3	216
30	Analysis of UWB transmitted-reference communication systems in dense multipath channels. IEEE Journal on Selected Areas in Communications, 2005, 23, 1863-1874.	14.0	215
31	Position error bound for UWB localization in dense cluttered environments. IEEE Transactions on Aerospace and Electronic Systems, 2008, 44, 613-628.	4.7	213
32	Threshold-Based Time-of-Arrival Estimators in UWB Dense Multipath Channels. IEEE Transactions on Communications, 2008, 56, 1366-1378.	7.8	182
33	Time of Arrival Estimation for UWB Localizers in Realistic Environments. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	168
34	Ultrawide Bandwidth RFID: The Next Generation?. Proceedings of the IEEE, 2010, 98, 1570-1582.	21.3	163
35	Performance of RAKE reception in dense multipath channels: implications of spreading bandwidth and selection diversity order. IEEE Journal on Selected Areas in Communications, 2000, 18, 1516-1525.	14.0	158
36	On the capacity of doubly correlated MIMO channels. IEEE Transactions on Wireless Communications, 2006, 5, 2253-2265.	9.2	154

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37	MIMO Diversity in the Presence of Double Scattering. IEEE Transactions on Information Theory, 2008, 54, 2976-2996.	2.4	154
38	On the marginal distribution of the eigenvalues of wishart matrices. IEEE Transactions on Communications, 2009, 57, 1050-1060.	7.8	148
39	Outage optimality of opportunistic amplify-and-forward relaying. IEEE Communications Letters, 2007, 11, 261-263.	4.1	146
40	Network Navigation: Theory and Interpretation. IEEE Journal on Selected Areas in Communications, 2012, 30, 1823-1834.	14.0	138
41	The Effect of Narrowband Interference on Wideband Wireless Communication Systems. IEEE Transactions on Communications, 2005, 53, 2139-2149.	7.8	134
42	Secure Communication in Stochastic Wireless Networks—Part I: Connectivity. IEEE Transactions on Information Forensics and Security, 2012, 7, 125-138.	6.9	132
43	A Belief Propagation Algorithm for Multipath-Based SLAM. IEEE Transactions on Wireless Communications, 2019, 18, 5613-5629.	9.2	130
44	Reduced-complexity transmit/receive-diversity systems. IEEE Transactions on Signal Processing, 2003, 51, 2729-2738.	5.3	127
45	MIMO Networks: The Effects of Interference. IEEE Transactions on Information Theory, 2010, 56, 336-349.	2.4	127
46	Soft Information for Localization-of-Things. Proceedings of the IEEE, 2019, 107, 2240-2264.	21.3	125
47	Power Optimization for Network Localization. IEEE/ACM Transactions on Networking, 2014, 22, 1337-1350.	3.8	124
48	A unified spectral analysis of generalized time-hopping spread-spectrum signals in the presence of timing jitter. IEEE Journal on Selected Areas in Communications, 2002, 20, 1664-1676.	14.0	123
49	Network Operation Strategies for Efficient Localization and Navigation. Proceedings of the IEEE, 2018, 106, 1224-1254.	21.3	122
50	Low Complexity Rake Receivers in Ultra-Wideband Channels. IEEE Transactions on Wireless Communications, 2007, 6, 1265-1275.	9.2	121
51	On the accuracy of localization systems using wideband antenna arrays. IEEE Transactions on Communications, 2010, 58, 270-280.	7.8	116
52	Performance Limits and Geometric Properties of Array Localization. IEEE Transactions on Information Theory, 2016, 62, 1054-1075.	2.4	116
53	Analysis of hybrid selection/maximal-ratio combining in correlated Nakagami fading. IEEE Transactions on Communications, 2002, 50, 1372-1383.	7.8	114
54	Communication in a Poisson Field of Interferers—Part I: Interference Distribution and Error Probability. IEEE Transactions on Wireless Communications, 2010, 9, 2176-2186.	9.2	114

#	ARTICLE	IF	CITATIONS
55	Efficient Multisensor Localization for the Internet of Things: Exploring a New Class of Scalable Localization Algorithms. IEEE Signal Processing Magazine, 2018, 35, 153-167.	5.6	114
56	Space-time-frequency (STF) coding for MIMO-OFDM systems. IEEE Communications Letters, 2002, 6, 370-372.	4.1	112
57	Channel Capacity of Adaptive Transmission With Maximal Ratio Combining in Correlated Rayleigh Fading. IEEE Transactions on Wireless Communications, 2004, 3, 1124-1133.	9.2	112
58	MMSE reception and successive interference cancellation for MIMO systems with high spectral efficiency. IEEE Transactions on Wireless Communications, 2005, 4, 1244-1253.	9.2	110
59	A Mathematical Model for Wideband Ranging. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 216-228.	10.8	110
60	History and Applications of UWB [Scanning the Issue]. Proceedings of the IEEE, 2009, 97, 198-204.	21.3	108
61	A statistical model for the UWB indoor channel. , 0, , .		107
62	Slow Adaptive $\pi$ -QAM With Diversity in Fast Fading and Shadowing. IEEE Transactions on Communications, 2007, 55, 895-905.	7.8	106
63	MRC performance for M-ary modulation in arbitrarily correlated Nakagami fading channels. IEEE Communications Letters, 2000, 4, 301-303.	4.1	100
64	A Contrast Adjustment Thresholding Method for Surface Defect Detection Based on Mesoscopy. IEEE Transactions on Industrial Informatics, 2015, 11, 642-649.	11.3	97
65	Diversity with practical channel estimation. IEEE Transactions on Wireless Communications, 2005, 4, 1935-1947.	9.2	96
66	Blind Selection of Representative Observations for Sensor Radar Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 1388-1400.	6.3	96
67	Distributed Power Allocation for Cooperative Wireless Network Localization. IEEE Journal on Selected Areas in Communications, 2015, 33, 28-40.	14.0	93
68	Machine Learning for Wideband Localization. IEEE Journal on Selected Areas in Communications, 2015, 33, 1357-1380.	14.0	93
69	Percolation and Connectivity in the Intrinsically Secure Communications Graph. IEEE Transactions on Information Theory, 2012, 58, 1716-1730.	2.4	91
70	Robust Power Allocation for Energy-Efficient Location-Aware Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1918-1930.	3.8	87
71	Multipath Aided Rapid Acquisition: Optimal Search Strategies. IEEE Transactions on Information Theory, 2007, 53, 174-193.	2.4	85
72	Slow Adaptive OFDMA Systems Through Chance Constrained Programming. IEEE Transactions on Signal Processing, 2010, 58, 3858-3869.	5.3	85

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73	Cooperative Network Synchronization: Asymptotic Analysis. IEEE Transactions on Signal Processing, 2018, 66, 757-772.	5.3	85
74	On the Performance of Wide-Bandwidth Signal Acquisition in Dense Multipath Channels. IEEE Transactions on Vehicular Technology, 2005, 54, 1584-1594.	6.3	84
75	Bit error outage for diversity reception in shadowing environment. IEEE Communications Letters, 2003, 7, 15-17.	4.1	83
76	Performance of dual-diversity predetection EGC in correlated Rayleigh fading with unequal branch SNRs. IEEE Transactions on Communications, 2002, 50, 1041-1044.	7.8	82
77	Bounds and approximations for optimum combining of signals in the presence of multiple cochannel interferers and thermal noise. IEEE Transactions on Communications, 2003, 51, 296-307.	7.8	82
78	A stochastic geometry approach to coexistence in heterogeneous wireless networks. IEEE Journal on Selected Areas in Communications, 2009, 27, 1268-1282.	14.0	82
79	Opportunistic cooperative diversity with feedback and cheap radios. IEEE Transactions on Wireless Communications, 2008, 7, 1823-1827.	9.2	81
80	Virtual path analysis of selective RAKE receiver in dense multipath channels. IEEE Communications Letters, 1999, 3, 308-310.	4.1	79
81	Outage behavior of selective relaying schemes. IEEE Transactions on Wireless Communications, 2009, 8, 3890-3895.	9.2	79
82	Secure Communication in Stochastic Wireless Networksâ€”Part II: Maximum Rate and Collusion. IEEE Transactions on Information Forensics and Security, 2012, 7, 139-147.	6.9	78
83	Least Square Cooperative Localization. IEEE Transactions on Vehicular Technology, 2015, 64, 1318-1330.	6.3	78
84	The Feasibility Conditions for Interference Alignment in MIMO Networks. IEEE Transactions on Signal Processing, 2013, 61, 2066-2077.	5.3	76
85	Channel-Adapted Quantum Error Correction for the Amplitude Damping Channel. IEEE Transactions on Information Theory, 2008, 54, 5705-5718.	2.4	75
86	Soft Range Information for Network Localization. IEEE Transactions on Signal Processing, 2018, 66, 3155-3168.	5.3	75
87	Optimum quantum error recovery using semidefinite programming. Physical Review A, 2007, 75, .	2.5	72
88	Unified Analysis of UWB Transmitted-Reference Schemes in the Presence of Narrowband Interference. IEEE Transactions on Wireless Communications, 2007, 6, 2126-2139.	9.2	72
89	Enabling Situational Awareness in Millimeter Wave Massive MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1196-1211.	10.8	72
90	On the SNR penalty of MPSK with hybrid selection/maximal ratio combining over i.i.d. rayleigh fading channels. IEEE Transactions on Communications, 2003, 51, 1012-1023.	7.8	70

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91	Optimized simple bounds for diversity systems. IEEE Transactions on Communications, 2009, 57, 2674-2685.	7.8	65
92	Energy efficiency of dense wireless sensor networks: to cooperate or not to cooperate. IEEE Journal on Selected Areas in Communications, 2007, 25, 459-470.	14.0	64
93	Robust Wireless Relay Networks: Slow Power Allocation With Guaranteed QoS. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 700-713.	10.8	63
94	Data Fusion Trees for Detection: Does Architecture Matter?. IEEE Transactions on Information Theory, 2008, 54, 4155-4168.	2.4	62
95	Joint Power and Bandwidth Allocation in Wireless Cooperative Localization Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6527-6540.	9.2	62
96	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
97	Energy-Efficient Network Navigation Algorithms. IEEE Journal on Selected Areas in Communications, 2015, 33, 1418-1430.	14.0	61
98	On the inverse symbol-error probability for diversity reception. IEEE Transactions on Communications, 2003, 51, 753-756.	7.8	60
99	Impact of spreading bandwidth on RAKE reception in dense multipath channels. IEEE Journal on Selected Areas in Communications, 1999, 17, 1794-1806.	14.0	59
100	Wireless physical-layer security: The case of colluding eavesdroppers. , 2009, , .		59
101	Experimental Characterization of Diversity Navigation. IEEE Systems Journal, 2014, 8, 115-124.	4.6	59
102	Mercury: An Infrastructure-Free System for Network Localization and Navigation. IEEE Transactions on Mobile Computing, 2018, 17, 1119-1133.	5.8	59
103	Antenna subset diversity with non-ideal channel estimation. IEEE Transactions on Wireless Communications, 2008, 7, 1527-1539.	9.2	58
104	Device-Free Counting via Wideband Signals. IEEE Journal on Selected Areas in Communications, 2017, 35, 1163-1174.	14.0	57
105	Communication in a Poisson Field of Interferers-Part II: Channel Capacity and Interference Spectrum. IEEE Transactions on Wireless Communications, 2010, 9, 2187-2195.	9.2	55
106	The Effect of Cooperation on UWB-Based Positioning Systems Using Experimental Data. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.7	54
107	Intervehicle Communication: Cox-Fox Modeling. IEEE Journal on Selected Areas in Communications, 2013, 31, 418-433.	14.0	54
108	Physical-layer security in stochastic wireless networks. , 2008, , .		53

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109	Network Navigation With Scheduling: Error Evolution. IEEE Transactions on Information Theory, 2017, 63, 7509-7534.	2.4	53
110	Improved Lower Bounds on Time-of-Arrival Estimation Error in Realistic UWB Channels. , 2006, , .		52
111	Robust Power Allocation Algorithms for Wireless Relay Networks. IEEE Transactions on Communications, 2010, 58, 1931-1938.	7.8	51
112	Asymptotic Performance of a Censoring Sensor Network. IEEE Transactions on Information Theory, 2007, 53, 4191-4209.	2.4	50
113	Asymptotic statistics of mutual information for doubly correlated MIMO channels. IEEE Transactions on Wireless Communications, 2008, 7, 562-573.	9.2	50
114	Non-Coherent UWB Communication in the Presence of Multiple Narrowband Interferers. IEEE Transactions on Wireless Communications, 2010, 9, 3365-3379.	9.2	50
115	A Computational Geometry Framework for Efficient Network Localization. IEEE Transactions on Information Theory, 2018, 64, 1317-1339.	2.4	50
116	Sensor Radar Networks for Indoor Tracking. IEEE Wireless Communications Letters, 2014, 3, 157-160.	5.0	49
117	Higher order statistics of antenna subset diversity. IEEE Transactions on Wireless Communications, 2003, 2, 871-875.	9.2	48
118	Bayesian Detection in Bounded Height Tree Networks. IEEE Transactions on Signal Processing, 2009, 57, 4042-4051.	5.3	48
119	Wireless Network Intrinsic Secrecy. IEEE/ACM Transactions on Networking, 2015, 23, 56-69.	3.8	48
120	Outage-Optimal Cooperative Communications with Regenerative Relays. , 2006, , .		47
121	On the Subexponential Decay of Detection Error Probabilities in Long Tandems. IEEE Transactions on Information Theory, 2008, 54, 4767-4771.	2.4	47
122	ATM-based TH-SSMA network for multimedia PCS. IEEE Journal on Selected Areas in Communications, 1999, 17, 824-836.	14.0	46
123	Spectral density of random UWB signals. IEEE Communications Letters, 2002, 6, 526-528.	4.1	46
124	Structured near-optimal channel-adapted quantum error correction. Physical Review A, 2008, 77, .	2.5	44
125	Gallager's exponent for MIMO channels: a reliability-rate tradeoff. IEEE Transactions on Communications, 2009, 57, 972-985.	7.8	44
126	Neighboring Cell Search for LTE Systems. IEEE Transactions on Wireless Communications, 2012, 11, 0908-919.	9.2	44



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127	Position Error Bound for UWB Localization in Dense Cluttered Environments. , 2006, , .		43
128	On the Impact of Node Failures and Unreliable Communications in Dense Sensor Networks. IEEE Transactions on Signal Processing, 2008, 56, 2535-2546.	5.3	43
129	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.	4.7	43
130	A Scalable Algorithm for Network Localization and Synchronization. IEEE Internet of Things Journal, 2018, 5, 4714-4727.	8.7	43
131	Bit-Error Probability for Optimum Combining of Binary Signals in the Presence of Interference and Noise. IEEE Transactions on Wireless Communications, 2004, 3, 395-407.	9.2	41
132	Impulse radio multipath characteristics and diversity reception. , 0, , .		40
133	Error probability for optimum combining of M -ary PSK signals in the presence of interference and noise. IEEE Transactions on Communications, 2003, 51, 1949-1957.	7.8	40
134	Network Localization and Synchronization Using Full-Duplex Radios. IEEE Transactions on Signal Processing, 2018, 66, 714-728.	5.3	40
135	Location Awareness in Beyond 5G Networks via Reconfigurable Intelligent Surfaces. IEEE Journal on Selected Areas in Communications, 2022, 40, 2011-2025.	14.0	40
136	Time-of-Arrival Estimation of UWB Signals in the Presence of Narrowband and Wideband Interference. , 2007, , .		39
137	Belief Condensation Filtering. IEEE Transactions on Signal Processing, 2013, 61, 4403-4415.	5.3	38
138	Optimal Remote Entanglement Distribution. IEEE Journal on Selected Areas in Communications, 2020, 38, 540-556.	14.0	38
139	A smartphone localization algorithm using RSSI and inertial sensor measurement fusion. , 2013, , .		37
140	Ultrawide bandwidth signals as shot noise: a unifying approach. IEEE Journal on Selected Areas in Communications, 2006, 24, 899-905.	14.0	36
141	Distributed Network Secrecy. IEEE Journal on Selected Areas in Communications, 2013, 31, 1889-1900.	14.0	36
142	Power Management for Cooperative Localization: A Game Theoretical Approach. IEEE Transactions on Signal Processing, 2016, 64, 6517-6532.	5.3	36
143	Threshold-Based Time-of-Arrival Estimators in UWB Dense Multipath Channels. , 2006, , .		35
144	Uncoordinated Massive Wireless Networks: Spatiotemporal Models and Multiaccess Strategies. IEEE/ACM Transactions on Networking, 2019, 27, 918-931.	3.8	35

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145	Location Awareness in Beyond 5G Networks. IEEE Communications Magazine, 2021, 59, 22-27.	6.1	35
146	On Optimum Combining of $M$ -PSK Signals With Unequal-Power Interferers and Noise. IEEE Transactions on Communications, 2005, 53, 44-47.	7.8	34
147	Communication in a Poisson Field of Interferers. , 2006, , .		34
148	UWB Energy Detection in the Presence of Multiple Narrowband Interferers. , 2007, , .		34
149	On the Use of Multipath Geometry for Wideband Cooperative Localization. , 2009, , .		34
150	Context-Aided Inertial Navigation via $\beta$ -Belief Condensation. IEEE Transactions on Signal Processing, 2016, 64, 3250-3261.	5.3	34
151	Frame Synchronization for Variable-Length Packets. IEEE Journal on Selected Areas in Communications, 2008, 26, 52-69.	14.0	32
152	On the power spectral density of digital pulse streams generated by M-ary cyclostationary sequences in the presence of stationary timing jitter. IEEE Transactions on Communications, 1998, 46, 1135-1145.	7.8	31
153	Energy Efficient Location-Aware Networks. , 2008, , .		31
154	Doppler Spread Estimation in MIMO Frequency-Selective Fading Channels. IEEE Transactions on Wireless Communications, 2018, 17, 1951-1965.	9.2	31
155	Invertible bounds for M-QAM in Rayleigh fading. IEEE Transactions on Wireless Communications, 2005, 4, 1994-2000.	9.2	30
156	A General Framework for the Distribution of the Eigenvalues of Wishart Matrices. , 2008, , .		30
157	Error analysis of noncoherent M-ary FSK with postdetection EGC over correlated Nakagami and Rician channels. IEEE Transactions on Communications, 2002, 50, 378-383.	7.8	29
158	Communication between levels of transcriptional control improves robustness and adaptivity. Molecular Systems Biology, 2006, 2, 65.	7.2	29
159	Fundamental Limits of Wideband Cooperative Localization via Fisher Information. , 2007, , .		29
160	Resource Management Games for Distributed Network Localization. IEEE Journal on Selected Areas in Communications, 2017, 35, 317-329.	14.0	29
161	Recent results on polyphase sequences. IEEE Transactions on Information Theory, 1998, 44, 817-824.	2.4	28
162	Information Coupling in Cooperative Localization. IEEE Communications Letters, 2011, 15, 737-739.	4.1	28

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163	On the Performance Limits of Map-Aware Localization. IEEE Transactions on Information Theory, 2013, 59, 5023-5038.	2.4	28
164	Superanalysis of Optimum Combining with Application to Femtocell Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 509-524.	14.0	27
165	Modified CRLB for Cooperative Geolocation of Two Devices Using Signals of Opportunity. IEEE Transactions on Wireless Communications, 2014, 13, 3636-3649.	9.2	27
166	$\frac{1}{\sqrt{2}}$ Transforms for Wireless Communication. IEEE Transactions on Information Theory, 2015, 61, 3773-3809.	2.4	27
167	Spatiotemporal Information Coupling in Network Navigation. IEEE Transactions on Information Theory, 2018, 64, 7759-7779.	2.4	27
168	Scalable Data Association for Extended Object Tracking. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 491-507.	2.8	27
169	Information-Seeking Sensor Selection for Ocean-of-Things. IEEE Internet of Things Journal, 2020, 7, 10072-10088.	8.7	27
170	On OFDM Ranging Accuracy in Multipath Channels. IEEE Systems Journal, 2014, 8, 104-114.	4.6	26
171	Cognitive network secrecy with interference engineering. IEEE Network, 2014, 28, 86-90.	6.9	26
172	Cooperative Localization in Massive Networks. IEEE Transactions on Information Theory, 2022, 68, 1237-1258.	2.4	26
173	Error probability of binary NFSK and DPSK with postdetection combining over correlated Rician channels. IEEE Transactions on Communications, 2000, 48, 1975-1978.	7.8	25
174	Effect of Bandwidth on UWB Ranging Error. , 2007, , .		25
175	Outage analysis for co-operative communication with multiple amplify-and-forward relays. Electronics Letters, 2007, 43, 353.	1.0	25
176	Canonical expressions for the error probability performance of M-ary modulation with hybrid selection/maximal-ratio combining in Rayleigh fading. , 0, , .		24
177	Optimal Power Allocation for Amplify-And-Forward Relay Networks via Conic Programming. , 2007, , .		24
178	Passive radar via LTE signals of opportunity. , 2014, , .		24
179	Fundamental Limits of Wideband Localization Accuracy via Fisher Information. , 2007, , .		23
180	Estimating the number of signals observed by multiple sensors. , 2010, , .		23

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181	Adaptive recurrence quantum entanglement distillation for two-Kraus-operator channels. Physical Review A, 2018, 97, .	2.5	23
182	Frequency noise measurement of diode-pumped Nd:YAG ring lasers. IEEE Photonics Technology Letters, 1990, 2, 772-774.	2.5	22
183	Distributed scheduling for cooperative localization based on information evolution. , 2012, , .		22
184	Single-Anchor Localization and Synchronization of Full-Duplex Agents. IEEE Transactions on Communications, 2019, 67, 2355-2367.	7.8	22
185	Joint Communication and Localization in Millimeter Wave Networks. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1439-1454.	10.8	22
186	Wideband diversity in multipath channels with nonuniform power dispersion profiles. IEEE Transactions on Wireless Communications, 2006, 5, 1014-1022.	9.2	21
187	Bayesian Detection in Bounded Height Tree Networks. , 2007, , .		21
188	Cooperative Bayesian Self-Tracking for Wireless Networks. IEEE Communications Letters, 2008, 12, 505-507.	4.1	21
189	Continuum percolation in the intrinsically secure communications graph. , 2010, , .		21
190	Sensing and Probing Cardinalities for Active Cognitive Radios. IEEE Transactions on Signal Processing, 2012, 60, 1833-1848.	5.3	21
191	Base Station Ordering for Emergency Call Localization in Ultra-Dense Cellular Networks. IEEE Access, 2018, 6, 301-315.	4.2	21
192	Narrowband Communication in a Poisson Field of Ultrawideband Interferers. , 2006, , .		20
193	Monte carlo equalization for nonlinear dispersive satellite channels. IEEE Journal on Selected Areas in Communications, 2008, 26, 245-255.	14.0	20
194	Intentional Network Interference for Denial of Wireless Eavesdropping. , 2011, , .		20
195	Performance of Localization and Orientation Using Wideband Antenna Arrays. , 2007, , .		19
196	Node placement for localization networks. , 2017, , .		19
197	Bayesian information fusion and multitarget tracking for maritime situational awareness. IET Radar, Sonar and Navigation, 2020, 14, 1845-1857.	1.8	19
198	Channel capacity in evenly correlated Rayleigh fading with different adaptive transmission schemes and maximal ratio combining. , 0, , .		18

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199	Frequency offset estimation for MB-OFDM-based UWB systems. IEEE Transactions on Communications, 2008, 56, 968-979.	7.8	18
200	Joint power and bandwidth allocation in cooperative wireless localization networks. , 2014, , .		18
201	Spatio-temporal diversity in ultra-wideband radio. , 0, , .		17
202	On the Sub-Exponential Decay of Detection Error Probabilities in Long Tandems. , 2007, , .		17
203	Effect of Path-Overlap on Localization Accuracy in Dense Multipath Environments. , 2008, , .		17
204	Hybrid Clustering Scheme for Relaying in Multi-Cell LTE High User Density Networks. IEEE Access, 2017, 5, 4431-4438.	4.2	17
205	Guest editorial ultra-wideband radio in multiaccess wireless communications. IEEE Journal on Selected Areas in Communications, 2002, 20, 1609-1610.	14.0	16
206	Cooperative anchor-less localization for large dynamic networks. , 2008, , .		16
207	Number of Transmit Antennas Detection Using Time-Diversity of the Fading Channel. IEEE Transactions on Signal Processing, 2017, 65, 4031-4046.	5.3	16
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209	On the scalability of uncoordinated multiple access for the Internet of Things. , 2017, , .		16
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