

Davide Dardari

List of Publications by Year in descending order

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188
papers

6,817
citations

136740

32
h-index

76769

74
g-index

190
all docs

190
docs citations

190
times ranked

4316
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Multipath Information on Time-of-Arrival Estimation. IEEE Transactions on Signal Processing, 2022, 70, 31-46.	3.2	16
2	LOS/NLOS Near-Field Localization With a Large Reconfigurable Intelligent Surface. IEEE Transactions on Wireless Communications, 2022, 21, 4282-4294.	6.1	36
3	Beam Focusing for Near-Field Multiuser MIMO Communications. IEEE Transactions on Wireless Communications, 2022, 21, 7476-7490.	6.1	56
4	Human Being Detection from UWB NLOS Signals: Accuracy and Generality of Advanced Machine Learning Models. Sensors, 2022, 22, 1656.	2.1	7
5	Near-Field Wireless Power Transfer for 6G Internet of Everything Mobile Networks: Opportunities and Challenges. IEEE Communications Magazine, 2022, 60, 12-18.	4.9	31
6	Performance Analysis of Dynamic Downlink PPP Cellular Networks Over Generalized Fading Channels With MRC Diversity. IEEE Access, 2021, 9, 39019-39027.	2.6	4
7	Near-Field Tracking With Large Antenna Arrays: Fundamental Limits and Practical Algorithms. IEEE Transactions on Signal Processing, 2021, 69, 5723-5738.	3.2	35
8	MIMO Interference Channels Assisted by Reconfigurable Intelligent Surfaces: Mutual Coupling Aware Sum-Rate Optimization Based on a Mutual Impedance Channel Model. IEEE Wireless Communications Letters, 2021, 10, 2624-2628.	3.2	32
9	Intelligent Reflecting Surfaces: Sum-Rate Optimization Based on Statistical Position Information. IEEE Transactions on Communications, 2021, 69, 7121-7136.	4.9	57
10	Convergent Communication, Sensing and Localization in 6G Systems: An Overview of Technologies, Opportunities and Challenges. IEEE Access, 2021, 9, 26902-26925.	2.6	224
11	Beamwidth Optimization and Resource Partitioning Scheme for Localization Assisted mm-Wave Communication. IEEE Transactions on Communications, 2021, 69, 1358-1374.	4.9	12
12	Direction Aided Multipath Channel Estimation for Millimeter Wave Systems. , 2021, , .		1
13	Using MetaPrisms for Performance Improvement in Wireless Communications. IEEE Transactions on Wireless Communications, 2021, 20, 3295-3307.	6.1	10
14	Radio Positioning With EM Processing of the Spherical Wavefront. IEEE Transactions on Wireless Communications, 2021, 20, 3571-3586.	6.1	47
15	Beam Focusing for Multi-User MIMO Communications with Dynamic Metasurface Antennas. , 2021, , .		10
16	Holographic Communication Using Intelligent Surfaces. IEEE Communications Magazine, 2021, 59, 35-41.	4.9	37
17	Multi-Agent Q-Learning in UAV Networks for Target Detection and Indoor Mapping. , 2021, , .		5
18	Localization in NLOS Conditions using Large Reconfigurable Intelligent Surfaces. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
19	3D Source Tracking with Large Antenna Arrays in the Fresnel Region. , 2021, , .		0
20	Communication Modes With Large Intelligent Surfaces in the Near Field. IEEE Access, 2021, 9, 165648-165666.	2.6	20
21	Beamspace Modeling of Multi-mode Communications with Large Intelligent Surfaces. , 2021, , .		0
22	Dynamic Radar Network of UAVs: A Joint Navigation and Tracking Approach. IEEE Access, 2020, 8, 116454-116469.	2.6	23
23	Communicating With Large Intelligent Surfaces: Fundamental Limits and Models. IEEE Journal on Selected Areas in Communications, 2020, 38, 2526-2537.	9.7	104
24	An Ultra-Low Power Ultra-Wide Bandwidth Positioning System. IEEE Journal of Radio Frequency Identification, 2020, 4, 353-364.	1.5	12
25	Communicating with Intelligent Surfaces. , 2020, , .		2
26	Dynamic Radar Networks of UAVs: A Tutorial Overview and Tracking Performance Comparison With Terrestrial Radar Networks. IEEE Vehicular Technology Magazine, 2020, 15, 113-120.	2.8	31
27	Exploiting the Agent's Memory in Asymptotic and Finite-Time Consensus Over Multi-Agent Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 479-490.	1.6	9
28	Reinforcement Learning for UAV Autonomous Navigation, Mapping and Target Detection. , 2020, , .		13
29	Crowd-Based Cognitive Perception of the Physical World: Towards the Internet of Senses. Sensors, 2020, 20, 2437.	2.1	5
30	High-Accuracy Positioning of Battery-Less Hybrid Gen2 UHF-UWB Tags. , 2020, , .		2
31	Introduction to Selected Extended Papers from PIMRCâ€™2018. International Journal of Wireless Information Networks, 2019, 26, 257-258.	1.8	0
32	Channel Hardening, Favorable Equalization and Propagation in Wideband Massive MIMO. , 2019, , .		3
33	Localization and communication resource budgeting for multi-user mm-Wave MIMO. , 2019, , .		2
34	An Ultra-wideband Battery-less Positioning System for Space Applications. , 2019, , .		5
35	Long Range Battery-Less UHF-RFID Platform for Sensor Applications. , 2019, , .		16
36	Localization and Throughput Trade-Off in a Multi-User Multi-Carrier mm-Wave System. IEEE Access, 2019, 7, 167099-167112.	2.6	8

#	ARTICLE	IF	CITATIONS
37	Non-Centralized Navigation for Source Localization by Cooperative UAVs. , 2019, , .		4
38	Millimeter-Wave Beamsteering for Passive RFID Tag Localization. IEEE Journal of Radio Frequency Identification, 2018, 2, 9-14.	1.5	16
39	Distributed Nonasymptotic Confidence Region Computation Over Sensor Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 308-324.	1.6	5
40	Joint Indoor Localization and Navigation of UAVs for Network Formation Control. , 2018, , .		6
41	Exploiting Node Memory for Finite-time Average Consensus over WSNs. , 2018, , .		2
42	Throughput Characterization and Beamwidth Selection for Positioning-Assisted mmWave Service. , 2018, , .		2
43	Order-of-Arrival of Tagged Objects. IEEE Journal of Radio Frequency Identification, 2018, 2, 185-196.	1.5	3
44	Occupancy Grid Mapping for Personal Radar Applications. , 2018, , .		7
45	Localization Optimal Multi-user Beamforming with multi-carrier mmWave MIMO. , 2018, , .		8
46	High-Accuracy Localization of Passive Tags With Multisine Excitations. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5894-5908.	2.9	21
47	Direct position estimation from wavefront curvature with single antenna array. , 2018, , .		5
48	Estimation Of Spatial Fields Of Nlos/Los Conditions For Improved Localization In Indoor Environments. , 2018, , .		2
49	Crowd-Based Learning of Spatial Fields for the Internet of Things: From Harvesting of Data to Inference. IEEE Signal Processing Magazine, 2018, 35, 130-139.	4.6	24
50	Exploitation of Multi-sine Intermodulation for Passive Backscattering UWB Localization. , 2018, , .		3
51	Collaborative Target-Localization and Information-Based Control in Networks of UAVs. , 2018, , .		6
52	An efficient method for physical fields mapping through crowdsensing. Pervasive and Mobile Computing, 2018, 48, 69-83.	2.1	10
53	Evaluation of user behavior and acceptance of an on-bike system. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 145-155.	1.8	18
54	Positioning Data-Rate Trade-Off in mm-Wave Small Cells and Service Differentiation for 5G Networks. , 2018, , .		12

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55	Indoor Environment-Adaptive Mapping With Beamsteering Massive Arrays. IEEE Transactions on Vehicular Technology, 2018, 67, 10139-10143.	3.9	16
56	Time Domain Measurements of Signals Backscattered by Wideband RFID Tags. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2548-2560.	2.4	8
57	Single-Anchor Localization and Orientation Performance Limits Using Massive Arrays: MIMO vs. Beamforming. IEEE Transactions on Wireless Communications, 2018, 17, 5241-5255.	6.1	99
58	Performance evaluation of softer vertical handovers in multiuser heterogeneous wireless networks. Wireless Networks, 2017, 23, 159-176.	2.0	7
59	Comments on the Paper "Personal Mobile Radars with Millimeter-Wave Massive Arrays for Indoor Mapping". IEEE Transactions on Mobile Computing, 2017, 16, 1786-1786.	3.9	0
60	Analytical Characterization of Device-to-Device and Cellular Networks Coexistence. IEEE Transactions on Wireless Communications, 2017, 16, 5537-5548.	6.1	9
61	Characterization of link lifetime in the presence of random blocking objects. , 2017, , .		1
62	A Millimeter-Wave Indoor Backscattering Channel Model for Environment Mapping. IEEE Transactions on Antennas and Propagation, 2017, 65, 4935-4940.	3.1	22
63	On the impact of beamforming strategy on mm-wave localization performance limits. , 2017, , .		13
64	Enhanced indoor localization through crowd sensing. , 2017, , .		5
65	Joint Energy Detection and Massive Array Design for Localization and Mapping. IEEE Transactions on Wireless Communications, 2017, 16, 1359-1371.	6.1	22
66	5G mmWave Positioning for Vehicular Networks. IEEE Wireless Communications, 2017, 24, 80-86.	6.6	312
67	Distributed faulty node detection in DTNs in presence of Byzantine attack. , 2017, , .		2
68	Information diffusion algorithms over WSNs for non-asymptotic confidence region evaluation. , 2017, , .		1
69	Energy Autonomous UWB Localization. IEEE Journal of Radio Frequency Identification, 2017, 1, 228-244.	1.5	30
70	Localization bound based beamforming optimization for multicarrier mmWave MIMO. , 2017, , .		12
71	High-Accuracy Tracking Using Ultrawideband Signals for Enhanced Safety of Cyclists. Mobile Information Systems, 2017, 2017, 1-13.	0.4	14
72	High-accuracy localization of backscattering uwb tags: Implementation and experimental results. , 2017, , .		3

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73	A Robust Wireless Sensor Network for Landslide Risk Analysis: System Design, Deployment, and Field Testing. IEEE Sensors Journal, 2016, 16, 6374-6386.	2.4	65
74	Passive Millimeter-Wave RFID Using Backscattered Signals. , 2016, , .		10
75	Delay spread characterization of millimeter-wave indoor backscattering channel. , 2016, , .		5
76	Environment Mapping with Millimeter-Wave Massive Arrays: System Design and Performance. , 2016, , .		7
77	Crowd-based personal radars for indoor mapping using UWB measurements. , 2016, , .		2
78	Random sampling via sensor networks: Estimation accuracy vs. energy consumption. , 2016, , .		9
79	The future of ultra-wideband localization in RFID. , 2016, , .		25
80	Defective Sensor Identification for WSNs Involving Generic Local Outlier Detection Tests. IEEE Transactions on Signal and Information Processing Over Networks, 2016, 2, 29-48.	1.6	18
81	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
82	A Low Complexity Scheme for Passive UWB-RFID: Proof of Concept. IEEE Communications Letters, 2016, 20, 676-679.	2.5	14
83	Passive UWB RFID for Tag Localization: Architectures and Design. IEEE Sensors Journal, 2016, 16, 1385-1397.	2.4	45
84	Experimental Results on Secret-Key Extraction from Unsynchronized UWB Channel Observations. Lecture Notes in Electrical Engineering, 2016, , 111-124.	0.3	0
85	Personal Mobile Radars with Millimeter-Wave Massive Arrays for Indoor Mapping. IEEE Transactions on Mobile Computing, 2016, 15, 1471-1484.	3.9	88
86	Energy Detection Performance with Massive Arrays for Personal Radars Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 630-641.	0.2	1
87	Iterative distributed outlier detection for wireless sensor networks: Equilibrium and convergence analysis. , 2015, , .		0
88	Guest Editorial Special Section on "Indoor Localization, Tracking, and Mapping With Heterogeneous Technologies". IEEE Transactions on Vehicular Technology, 2015, 64, 1261-1262.	3.9	1
89	Secret Information of Wireless Multi-Dimensional Gaussian Channels. IEEE Transactions on Wireless Communications, 2015, 14, 3429-3442.	6.1	13
90	Energy-based order of arrival estimation via UWB-UHF RFID. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
91	Millimeter-Wave Backscattering Measurements with Transmitarrays for Personal Radar Applications. , 2015, , .		5
92	Study of a UWB multi-static radar for railroad crossing surveillance. , 2015, , .		2
93	Indoor Tracking: Theory, Methods, and Technologies. IEEE Transactions on Vehicular Technology, 2015, 64, 1263-1278.	3.9	476
94	Low-complexity distributed fault detection for wireless sensor networks. , 2015, , .		8
95	Detection and accurate localization of harmonic chipless tags. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.0	12
96	Modeling non-uniform D2D distributions in downlink cellular networks. , 2015, , .		2
97	Analytical modeling of D2D communications over cellular networks. , 2015, , .		7
98	A combined GP-State space method for efficient crowd mapping. , 2015, , .		4
99	Position and orientation error bound for wideband massive antenna arrays. , 2015, , .		64
100	Ultra-wide bandwidth systems for the surveillance of railway crossing Areas. , 2015, 53, 117-123.		13
101	Application of transmitarray antennas for indoor mapping at millimeter-waves. , 2015, , .		14
102	The GRETA architecture for energy efficient radio identification and localization. , 2015, , .		14
103	A secret key exchange scheme for near field communication. , 2014, , .		3
104	Energy sprinklers for passive UWB RFID. , 2014, , .		7
105	Millimeter-wave personal radars for 3D environment mapping. , 2014, , .		8
106	Ziv-Zakai bound for time delay estimation of unknown deterministic signals. , 2014, , .		13
107	Distributed SPS algorithms for non-asymptotic confidence region evaluation. , 2014, , .		4
108	Peak power limited channels: Analysis of capacity achieving probability measures. , 2014, , .		0

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109	Performance and Stability Analysis of Echo Cancellers Based on Training Sequences. IEEE Transactions on Broadcasting, 2014, 60, 437-451.	2.5	6
110	Secret key generation in correlated multi-dimensional Gaussian channels. , 2014, , .		1
111	Design and deployment of a wireless sensor network for landslide risk management. , 2014, , .		6
112	Detection of Multiple Tags Based on Impulsive Backscattered Signals. IEEE Transactions on Communications, 2014, 62, 3918-3930.	4.9	29
113	Experimental Characterization of Diversity Navigation. IEEE Systems Journal, 2014, 8, 115-124.	2.9	59
114	A Novel Joint RFID and Radar Sensor Network for Passive Localization: Design and Performance Bounds. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 80-95.	7.3	57
115	Non-Regenerative Relaying for Network Localization. IEEE Transactions on Wireless Communications, 2014, 13, 174-185.	6.1	10
116	Statistics of the MLE and Approximate Upper and Lower Bounds—Part I: Application to TOA Estimation. IEEE Transactions on Signal Processing, 2014, 62, 5663-5676.	3.2	15
117	Order of arrival estimation via UHF-UWB RFID. , 2014, , .		3
118	Millimeter-wave massive arrays for indoor SLAM. , 2014, , .		22
119	Statistics of the MLE and Approximate Upper and Lower Bounds—Part II: Threshold Computation and Optimal Pulse Design for TOA Estimation. IEEE Transactions on Signal Processing, 2014, 62, 5677-5689.	3.2	3
120	Stop-and-Go Receivers for Non-Coherent Impulse Communications. IEEE Transactions on Wireless Communications, 2014, 13, 4821-4835.	6.1	12
121	Analysis of UWB Tag Backscattering and Its Impact on the Detection Coverage. IEEE Transactions on Antennas and Propagation, 2014, 62, 4292-4303.	3.1	19
122	The effect of channel spatial correlation on physical layer security in multi-antenna scenarios. , 2013, , .		2
123	Information transmission via source of opportunity signals: Piggyback communications. , 2013, , .		2
124	RFID and radar localization: A position error bound analysis. , 2013, , .		1
125	Innovative Signal Processing Techniques for Wireless Positioning. , 2012, , 207-315.		0
126	Interference and clock drift effects in UWB RFID systems using backscatter modulation. , 2012, , .		15

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127	Terrestrial Network-Based Positioning and Navigation. , 2012, , 75-153.		6
128	Fundamental Limits in the Accuracy of Wireless Positioning. , 2012, , 155-205.		0
129	Casting Signal Processing to Real-World Data. , 2012, , 383-419.		0
130	Network Experimentation for Cooperative Localization. IEEE Journal on Selected Areas in Communications, 2012, 30, 467-475.	9.7	229
131	Cognitive and cooperative wireless networks. , 2012, , 67-83.		0
132	Range Estimation in Multicarrier Systems in the Presence of Interference: Performance Limits and Optimal Signal Design. IEEE Transactions on Wireless Communications, 2011, 10, 3321-3331.	6.1	20
133	On the Estimation of Randomly Sampled 2D Spatial Fields under Bandwidth Constraints. IEEE Transactions on Wireless Communications, 2011, 10, 4184-4192.	6.1	23
134	Performance of UWB backscatter modulation in multi-tag RFID scenario using experimental data. , 2011, , .		5
135	Experimental study in breath detection and human target ranging in the presence of obstacles using ultra-wideband signals. International Journal of Ultra Wideband Communications and Systems, 2011, 2, 116.	0.0	7
136	Ultra-wide bandwidth backscatter modulation: processing schemes and performance. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	20
137	Network localization and navigation via cooperation. , 2011, 49, 56-62.		482
138	Multihop versus message-passing: A complexity and accuracy comparison for distributed localization. , 2011, , .		2
139	Blind Integration Time Determination for UWB Transmitted Reference Receivers. , 2011, , .		4
140	Ultrawide Bandwidth RFID: The Next Generation?. Proceedings of the IEEE, 2010, 98, 1570-1582.	16.4	163
141	Spatial Field Estimation through Wireless Sensor Networks under Bandwidth Constraints. , 2010, , .		1
142	An Upper Bound on the Probability of Instability of a DVB-T/H Repeater with a Digital Echo Canceller. , 2010, , .		5
143	Signal Processing-Assisted Protocols and Algorithms for Cooperating Objects and Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	1.5	0
144	A quantitative comparison of Multihop Localization Algorithms. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
145	LOS/NLOS detection for UWB signals: A comparative study using experimental data. , 2010, , .		32
146	Understanding and Solving Flip-Ambiguity in Network Localization via Semidefinite Programming. , 2009, , .		17
147	Comments on "Probability Distributions for the Number of Radio Transceivers which can Communicate with One Another". IEEE Transactions on Communications, 2009, 57, 1287-1289.	4.9	9
148	Ranging With Ultrawide Bandwidth Signals in Multipath Environments. Proceedings of the IEEE, 2009, 97, 404-426.	16.4	733
149	An Overview on Wireless Sensor Networks Technology and Evolution. Sensors, 2009, 9, 6869-6896.	2.1	443
150	Ziv-Zakai bound on time-of-arrival estimation with statistical channel knowledge at the receiver. , 2009, , .		13
151	Efficient and accurate localization in multihop networks. , 2009, , .		15
152	On the benefits of diversity schemes for Bluetooth coverage extension in the presence of IEEE802.11g interference. Wireless Communications and Mobile Computing, 2008, 8, 585-595.	0.8	1
153	Threshold-Based Time-of-Arrival Estimators in UWB Dense Multipath Channels. IEEE Transactions on Communications, 2008, 56, 1366-1378.	4.9	182
154	Position error bound for UWB localization in dense cluttered environments. IEEE Transactions on Aerospace and Electronic Systems, 2008, 44, 613-628.	2.6	213
155	Experimental results on cooperative UWB based positioning systems. , 2008, , .		14
156	The Cognitive Radio paradigm for Ultra-Wideband systems: The European Project EUWB. , 2008, , .		16
157	Cooperative UWB-Based Positioning Systems: CDAP Algorithm and Experimental Results. , 2008, , .		3
158	Passive Ultrawide Bandwidth RFID. , 2008, , .		38
159	The Effect of Cooperation on UWB-Based Positioning Systems Using Experimental Data. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.0	54
160	Cooperative Localization in Wireless Ad Hoc and Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.0	1
161	Time-of-Arrival Estimation of UWB Signals in the Presence of Narrowband and Wideband Interference. , 2007, , .		39
162	Cognitive Radio with Ultra-Wide Bandwidth Location-capable Nodes. , 2007, , .		6

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163	A New Low-Complexity User Tracking Algorithm for WLAN-Based Positioning Systems. , 2007, , .		4
164	How Equalization Techniques Affect the TCP Performance of MC-CDMA Systems in Correlated Fading Channels. Eurasip Journal on Wireless Communications and Networking, 2007, 2008, .	1.5	3
165	Unified Analysis of UWB Transmitted-Reference Schemes in the Presence of Narrowband Interference. IEEE Transactions on Wireless Communications, 2007, 6, 2126-2139.	6.1	72
166	Energy efficiency of dense wireless sensor networks: to cooperate or not to cooperate. IEEE Journal on Selected Areas in Communications, 2007, 25, 459-470.	9.7	64
167	Mathematical Evaluation of Environmental Monitoring Estimation Error through Energy-Efficient Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2007, 6, 790-802.	3.9	119
168	A Stop-and-Go Transmitted-Reference UWB Receiver. , 2006, , .		7
169	A Selection Diversity Scheme for Bluetooth Coverage Extension. , 2006, , .		1
170	Channel Parameters Estimation for UWB Realistic Environments. , 2006, , .		2
171	Position Error Bound and Localization Accuracy Outage in Dense Cluttered Environments. , 2006, , .		8
172	Coexistence Issues in Cognitive Radios Based on Ultra-Wide Bandwidth Systems. , 2006, , .		7
173	Energy Efficiency of Dense Wireless Sensor Networks: To Cooperate or Not to Cooperate. , 2006, , .		15
174	Cooperative platforms through heterogeneous communication networks: Perspective and issues. , 2006, , .		0
175	Threshold-Based Time-of-Arrival Estimators in UWB Dense Multipath Channels. , 2006, , .		35
176	Energy efficiency of cooperative dense wireless sensor networks. , 2006, , .		7
177	Time of Arrival Estimation for UWB Localizers in Realistic Environments. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	168
178	Range Estimation in UWB Realistic Environments. , 2006, , .		8
179	Exploiting Diversity Reception for Bluetooth Systems with IEEE802.11g Interference in Fading Channels. , 2006, , .		0
180	Exploiting Diversity for Coverage Extension of Bluetooth-Based Mobile Services. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	1.5	2

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181	Improved Lower Bounds on Time-of-Arrival Estimation Error in Realistic UWB Channels. , 2006, , .		52
182	Selection Diversity for Bluetooth in the Presence of IEEE802.11G Interference. , 2006, , .		2
183	Position Error Bound for UWB Localization in Dense Cluttered Environments. , 2006, , .		43
184	Ordered Subcarrier Selection Algorithm for OFDM-Based High-Speed WLANs. IEEE Transactions on Wireless Communications, 2004, 3, 1452-1458.	6.1	55
185	Pseudorandom Active UWB Reflectors for Accurate Ranging. IEEE Communications Letters, 2004, 8, 608-610.	2.5	33
186	DSP-Based Satellite CDMA Modem: A Low Complexity Implementation. Wireless Personal Communications, 2003, 24, 123-139.	1.8	1
187	Bluetooth and IEEE 802.11b coexistence: analytical performance evaluation in fading channels. IEEE Journal on Selected Areas in Communications, 2003, 21, 259-269.	9.7	95
188	An analytical framework for CDMA systems with a nonlinear amplifier and AWGN. IEEE Transactions on Communications, 2002, 50, 1110-1120.	4.9	51