

Ning Xie

List of Publications by Year in descending order

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all docs

68
docs citations

68
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Physical-Layer Authentication in Wireless Communications. IEEE Communications Surveys and Tutorials, 2021, 23, 282-310.	24.8	104
2	Blind Authentication at the Physical Layer Under Time-Varying Fading Channels. IEEE Journal on Selected Areas in Communications, 2018, 36, 1465-1479.	9.7	51
3	Physical-Layer Authentication Using Multiple Channel-Based Features. IEEE Transactions on Information Forensics and Security, 2021, 16, 2356-2366.	4.5	38
4	High Roll-Off Frequency Selective Surface With Quasi-Elliptic Bandpass Response. IEEE Transactions on Antennas and Propagation, 2021, 69, 5740-5749.	3.1	23
5	Security Model of Authentication at the Physical Layer and Performance Analysis over Fading Channels. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 253-268.	3.7	21
6	Slope Authentication at the Physical Layer. IEEE Transactions on Information Forensics and Security, 2018, 13, 1579-1594.	4.5	20
7	Physical-Layer Authentication in Non-Orthogonal Multiple Access Systems. IEEE/ACM Transactions on Networking, 2020, 28, 1144-1157.	2.6	19
8	Fast Blind Adaptive Beamforming Algorithm With Interference Suppression. IEEE Transactions on Vehicular Technology, 2008, 57, 1985-1988.	3.9	13
9	A new hybrid blind equalization algorithm with steady-state performance analysis. , 2012, 22, 233-237.		13
10	A game theoretic approach to balancing energy consumption in heterogeneous wireless sensor networks. Wireless Communications and Mobile Computing, 2015, 15, 170-191.	0.8	12
11	Privacy-Preserving Physical-Layer Authentication for Non-Orthogonal Multiple Access Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1371-1385.	9.7	10
12	Exploiting Cumulative Positive Feedback Information for One-Bit Feedback Synchronization Algorithm. IEEE Transactions on Vehicular Technology, 2018, 67, 5821-5830.	3.9	8
13	Low-Cost Anti-Copying 2D Barcode by Exploiting Channel Noise Characteristics. IEEE Transactions on Multimedia, 2021, 23, 3752-3767.	5.2	7
14	Quantum algorithms for hash preimage attacks. Quantum Engineering, 2020, 2, e36.	1.2	7
15	Pilot-Based Physical-Layer Authentication with High Coverttness. IEEE Wireless Communications, 2021, 28, 97-103.	6.6	7
16	Physical-Layer Authentication in Wirelessly Powered Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1827-1840.	2.6	7
17	High Resolution DOA Estimation Method in MIMO Radar. Wireless Personal Communications, 2016, 91, 219-236.	1.8	6
18	Lightweight Secure Localization Approach in Wireless Sensor Networks. IEEE Transactions on Communications, 2021, 69, 6879-6893.	4.9	6

#	ARTICLE	IF	CITATIONS
19	Detection of Information Hiding at Anti-Copying 2D Barcodes. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 437-450.	5.6	6
20	A Machine Learning Approach to Blind Multi-Path Classification for Massive MIMO Systems. IEEE/ACM Transactions on Networking, 2020, 28, 2309-2322.	2.6	5
21	An Adaptive Nonlinear Rake Receiver in UWB Wireless Communications. , 0, , .		4
22	Channel assignment schemes in Wireless Mesh Networks. , 2010, , .		4
23	An Adaptive Backoff Algorithm Based on Channel Utilization for IEEE 802.11. Wireless Personal Communications, 2015, 83, 2965-2973.	1.8	4
24	Low-Profile and High-Passband Roll-Off Frequency-Selective Structure Using Bent Waveguides. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2117-2121.	2.4	4
25	A Machine Learning Approach to Phase Reference Estimation With Noise. IEEE Transactions on Communications, 2020, 68, 2579-2592.	4.9	4
26	A Pattern Synthesis Algorithm Based on Adaptive Array Theory. , 0, , .		3
27	A fast adaptive beamforming algorithm based on a simple DOA estimation method. International Journal of Wireless and Mobile Computing, 2012, 5, 221.	0.1	3
28	Fast open-loop synchronization for cooperative distributed beamforming. , 2013, , .		3
29	Detection of Information Hiding at Physical Layer in Wireless Communications. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	3.7	3
30	Improving the covertness in the physical-layer authentication. China Communications, 2021, 18, 122-131.	2.0	3
31	An Adaptive Rake Receiver For Time Hopping Impulse Radio Ultra-Wideband Communications. , 0, , .		2
32	A UWB Signal Design Method in Indoor Environment with Presence of Narrow-band Interference. , 0, , .		2
33	Nonlinear optimization for adaptive antenna array receivers with a small data record size. Wireless Communications and Mobile Computing, 2009, 9, 239-249.	0.8	2
34	A survey of finger assignment method for Rake receivers. , 2010, , .		2
35	Multi-pair physical layer network coding with beamforming systems. , 2012, , .		2
36	Fast open-loop synchronization for distributed downlink beamforming. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
37	Generalized selection combining with double threshold and performance analysis. <i>Wireless Communications and Mobile Computing</i> , 2014, 14, 56-63.	0.8	2
38	CSVE radar: high-range-resolution radar using compressive sensing and virtual expanding technique. <i>IET Radar, Sonar and Navigation</i> , 2017, 11, 1002-1010.	0.9	2
39	Resources Allocation at the Physical Layer for Network Function Virtualization Deployment. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 2771-2784.	3.9	2
40	Spectrum Sharing in mmWave Cellular Networks Using Clustering Algorithms. <i>IEEE/ACM Transactions on Networking</i> , 2020, 28, 1378-1390.	2.6	2
41	Improved V-BLAST System with Antenna Grouping. , 0, , .		1
42	Generalized Switch-and-Examine Combining with an output threshold. , 2010, , .		1
43	A Nested Multistage Adaptive Beamformer with a Low Complexity Under the Correlated Signal Environment. <i>Wireless Personal Communications</i> , 2010, 52, 265-271.	1.8	1
44	A survey of broadband frequency invariant beamformer. , 2010, , .		1
45	Broadband Frequency Invariant Beamformer. <i>Wireless Personal Communications</i> , 2011, 61, 143-159.	1.8	1
46	Locating the Optimal Sleep Window for Enhancing the Energy Efficiency of VoIP in WiMAX Systems: A Modified Analysis Model and Performance Evaluation. , 2011, , .		1
47	Adaptive Frequency-Domain Equalization with Narrowband Interference Suppression. <i>Wireless Personal Communications</i> , 2013, 70, 267-281.	1.8	1
48	Phase synchronization at target in MIMO radar. , 2014, , .		1
49	Generalized selection combining scheme with double threshold in the soft handover region. , 2014, 24, 71-74.		1
50	Fast One-Bit Feedback Beamforming Algorithms with Stage-Threshold Mechanism. <i>Wireless Personal Communications</i> , 2017, 96, 4451-4466.	1.8	1
51	Physical Layer Security in Distributed Antenna Systems Using One-Bit Feedback Information. <i>IEEE Network</i> , 2022, 36, 191-196.	4.9	1
52	A low complexity wideband antenna array receiver for wireless communications. , 0, , .		0
53	A New Nonlinear Beamformer for CDMA Wireless Communications. , 0, , .		0
54	A nested multistage adaptive beamformer for wireless communications. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
55	A New Frequency-Domain Equalization in Broadband Communications. , 2008, , .		0
56	A Fast Equalizer Algorithm Based on an Array Pattern Synthesis Technique. , 2008, , .		0
57	An adaptive wideband antenna array receiver of low complexity. Wireless Communications and Mobile Computing, 2009, 9, 181-185.	0.8	0
58	Concurrent Dithered Signed-Error constant modulus algorithm (DSE-CMA) with Soft Decision Directed (SDD) scheme. , 2010, , .		0
59	Analysis and Improvements of the Constant Modulus Algorithm. , 2010, , .		0
60	Adaptive Rake receiver based on the nonlinear ACM technique. Wireless Communications and Mobile Computing, 2012, 12, 268-276.	0.8	0
61	1 Cascaded Sigma-Delta Modulator with Internal Feedback. Wireless Personal Communications, 2013, 71, 1505-1510.	1.8	0
62	Distributed DOA Estimation in Wireless Sensor Networks Using Randomized Gossip Method. , 2015, , .		0
63	A Low Complexity Subband Adaptive Filter with Two-Stage Decomposition. Wireless Personal Communications, 2015, 82, 2301-2309.	1.8	0
64	Position optimization for mobile relay by utilizing one-bit feedback information. , 2017, , .		0
65	Time-slotted interactive multiple-input multiple-output radar for phase synchronisation at target with low overhead. IET Radar, Sonar and Navigation, 2017, 11, 1435-1443.	0.9	0
66	Multi-pair two-way relaying systems with physical layer network coding. Wireless Networks, 2018, 24, 195-208.	2.0	0
67	Statistics on the ratio of two products of arbitrary number of Nakagami- m variables and its application in wireless communications. IET Communications, 2018, 12, 1072-1078.	1.5	0
68	Position optimisation for multiple mobile relays by utilising one-bit feedback information. IET Communications, 2018, 12, 2266-2273.	1.5	0