

Chen He

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

360
citations

933447

10
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-Form BER Analysis of Non-Coherent FSK in MISO Double Rayleigh Fading/RFID Channel. IEEE Communications Letters, 2011, 15, 848-850.	4.1	38
2	Unitary Query for the γ MIMO Backscatter RFID Channel. IEEE Transactions on Wireless Communications, 2015, 14, 2613-2625.	9.2	36
3	Gains by a space-time-code based signaling scheme for multiple-antenna RFID tags. , 2010, , .		34
4	On the performance of MIMO RFID backscattering channels. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	31
5	Block-Level Unitary Query: Enabling Orthogonal-Like Space-Time Code With Query Diversity for MIMO Backscatter RFID. IEEE Transactions on Wireless Communications, 2016, 15, 1937-1949.	9.2	29
6	Monostatic MIMO Backscatter Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 1896-1909.	14.0	24
7	Achievable Rate and Capacity Analysis for Ambient Backscatter Communications. IEEE Transactions on Communications, 2019, 67, 6299-6310.	7.8	21
8	An Independent Component Analysis (ICA) Based Approach for EEG Person Authentication. , 2009, , .		20
9	PSR: A Novel High-Efficiency and Easy-to-Implement Parallel Algorithm for Anticollision in RFID Systems. IEEE Transactions on Industrial Informatics, 2016, 12, 1134-1145.	11.3	20
10	SER of Orthogonal Space-Time Block Codes Over Rician and Nakagami- m RF Backscattering Channels. IEEE Transactions on Vehicular Technology, 2014, 63, 654-663.	6.3	16
11	Query Diversity Schemes for Backscatter RFID Communications With Single-Antenna Tags. IEEE Transactions on Vehicular Technology, 2017, 66, 6932-6941.	6.3	14
12	A Simple, High-Performance Space-Time Code for MIMO Backscatter Communications. IEEE Internet of Things Journal, 2020, 7, 3586-3591.	8.7	13
13	Impact of the correlation between forward and backscatter channels on RFID system performance. , 2011, , .		12
14	Radio Map Assisted Path Planning for UAV Anti-Jamming Communications. IEEE Signal Processing Letters, 2022, 29, 607-611.	3.6	11
15	Hashing the mAR coefficients from EEG data for person authentication. , 2009, , .		8
16	Quantum Teleportation of Multiple Qubits Based on Quantum Fourier Transform. IEEE Communications Letters, 2018, 22, 2427-2430.	4.1	8
17	Quantum Teleportation Protocol of Arbitrary Quantum States by Using Quantum Fourier Transform. International Journal of Theoretical Physics, 2020, 59, 3174-3183.	1.2	7
18	A Better Than Alamouti OSTBC for MIMO Backscatter Communications. IEEE Transactions on Wireless Communications, 2022, 21, 1117-1131.	9.2	7

#	ARTICLE	IF	CITATIONS
19	Generalized Queue-Aware Resource Management and Scheduling for Wireless Communications. IEEE Access, 2015, 3, 1298-1312.	4.2	5
20	A Low-Complexity Quantum Principal Component Analysis Algorithm. IEEE Transactions on Quantum Engineering, 2022, 3, 1-13.	4.9	4
21	Generalized queue-aware radio resource management: A dynamic programming approach. , 2015, , .		1
22	OCSID: Orthogonal Accessing Control Without Spectrum Spreading for Massive RFID Network. IEEE Internet of Things Journal, 2021, 8, 4329-4338.	8.7	1
23	Performance Bound of the Start of Frame Delimiters. IEEE Wireless Communications Letters, 2021, 10, 107-110.	5.0	0
24	MPSK Orthogonal Coset Identification for Massive RFID Network. IEEE Communications Letters, 2021, 25, 3714-3718.	4.1	0