Han Yan

List of Publications by Year
in descending order

18 papers	263 citations	1684188 5 h-index	1872680 6 g-index
18 all docs	18 docs citations	18 times ranked	268 citing authors

#	Article	IF	Citations
1	Rainbow-Link: Beam-Alignment-Free and Grant-Free mmW Multiple Access Using True-Time-Delay Array. IEEE Journal on Selected Areas in Communications, 2022, 40, 1692-1705.	14.0	9
2	A Switching-Less True-Time-Delay-Based Beam Probing Approach for Ultra-Low Latency Wireless Communications: System Analysis and Demonstration. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4113-4117.	3.0	1
3	Multi-Mode Spatial Signal Processor With Rainbow-Like Fast Beam Training and Wideband Communications Using True-Time-Delay Arrays. IEEE Journal of Solid-State Circuits, 2022, 57, 3348-3360.	5.4	8
4	Fast Beam Training With True-Time-Delay Arrays in Wideband Millimeter-Wave Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1727-1739.	5.4	26
5	3D Rainbow Beam Design for Fast Beam Training with True-Time-Delay Arrays in Wideband Millimeter-Wave Systems. , 2021, , .		5
6	Design of Millimeter-Wave Single-Shot Beam Training for True-Time-Delay Array. , 2020, , .		12
7	mmRAPID. , 2020, , .		12
8	Compressive Initial Access and Beamforming Training for Millimeter-Wave Cellular Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1151-1166.	10.8	21
9	Distributed UAV Placement Optimization for Cooperative Line-of-sight MIMO Communications. , 2019, , .		21
10	DSP Linearization for Millimeter-Wave All-Digital Receiver Array with Low-Resolution ADCs. , 2019, , .		2
11	Performance, Power, and Area Design Trade-Offs in Millimeter-Wave Transmitter Beamforming Architectures. IEEE Circuits and Systems Magazine, 2019, 19, 33-58.	2.3	59
12	Wideband Millimeter-Wave Beam Training with True-Time-Delay Array Architecture. , 2019, , .		20
13	UAV Swarms as Amplify-and-Forward MIMO Relays. , 2019, , .		4
14	Tracking Sparse mmWave Channel under Time Varying Multipath Scatterers : (Invited Paper). , 2018, , .		7
15	Tracking Sparse mmWave Channel: Performance Analysis Under Intra-Cluster Angular Spread. , 2018, , .		3
16	Digital predistortion for hybrid precoding architecture in millimeter-wave massive mimo systems. , 2017, , .		36
17	Wideband channel tracking for mmWave MIMO system with hybrid beamforming architecture: (Invited) Tj ETQq1 1 0.784314 rgBT /O		9
18	Compressive sensing based initial beamforming training for massive MIMO millimeter-wave systems. , 2016, , .		8