

Han Yan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

263
citations

1684188

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h-index

1872680

6
g-index

18
all docs

18
docs citations

18
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Digital predistortion for hybrid precoding architecture in millimeter-wave massive mimo systems. , 2017, , .		36
3	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
4	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
5	Distributed UAV Placement Optimization for Cooperative Line-of-sight MIMO Communications. , 2019, , .		21
6	Wideband Millimeter-Wave Beam Training with True-Time-Delay Array Architecture. , 2019, , .		20
7	Design of Millimeter-Wave Single-Shot Beam Training for True-Time-Delay Array. , 2020, , .		12
8	mmRAPID. , 2020, , .		12
9	Wideband channel tracking for mmWave MIMO system with hybrid beamforming architecture: (Invited) Tj ETQq1 1 0.784314 rgBT /C		
10	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
11	Compressive sensing based initial beamforming training for massive MIMO millimeter-wave systems. , 2016, , .		8
12	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
13	Tracking Sparse mmWave Channel under Time Varying Multipath Scatterers : (Invited Paper). , 2018, , .		7
14	3D Rainbow Beam Design for Fast Beam Training with True-Time-Delay Arrays in Wideband Millimeter-Wave Systems. , 2021, , .		5
15	UAV Swarms as Amplify-and-Forward MIMO Relays. , 2019, , .		4
16	Tracking Sparse mmWave Channel: Performance Analysis Under Intra-Cluster Angular Spread. , 2018, , .		3
17	DSP Linearization for Millimeter-Wave All-Digital Receiver Array with Low-Resolution ADCs. , 2019, , .		2
18	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