

# Mahmood Baraani Dastjerdi

## List of Publications by Year in descending order

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15  
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docs citations

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210  
citing authors

#	ARTICLE	IF	CITATIONS
1	18.2 Highly-linear integrated magnetic-free circulator-receiver for full-duplex wireless. , 2017, , .		61
2	Analysis and Design of Commutation-Based Circulator-Receivers for Integrated Full-Duplex Wireless. IEEE Journal of Solid-State Circuits, 2018, 53, 2190-2201.	5.4	52
3	Wideband Full-Duplex Wireless via Frequency-Domain Equalization. , 2019, , .		34
4	Full Duplex Circulator-Receiver Phased Array Employing Self-Interference Cancellation via Beamforming. , 2018, , .		30
5	One-way ramp to a two-way highway: integrated magnetic-free nonreciprocal antenna interfaces for full-duplex wireless. IEEE Microwave Magazine, 2019, 20, 56-75.	0.8	30
6	Analysis and Design of a Full-Duplex Two-Element MIMO Circulator-Receiver With High TX Power Handling Exploiting MIMO RF and Shared-Delay Baseband Self-Interference Cancellation. IEEE Journal of Solid-State Circuits, 2019, 54, 3525-3540.	5.4	23
7	Demo abstract: Full-duplex with a compact frequency domain equalization-based RF canceller. , 2017, , .		11
8	28.6 Full-Duplex 2 $\times$ 2 MIMO Circulator-Receiver with High TX Power Handling Exploiting MIMO RF and Shared-Delay Baseband Self-Interference Cancellation. , 2019, , .		10
9	Wideband Full-Duplex Phased Array With Joint Transmit and Receive Beamforming: Optimization and Rate Gains. IEEE/ACM Transactions on Networking, 2021, 29, 1591-1604.	3.8	10
10	Wideband Full-Duplex Phased Array with Joint Transmit and Receive Beamforming. , 2019, , .		8
11	Frequency-Domain-Multiplexing Single-Wire Interface and Harmonic-Rejection-Based IF Data De-Multiplexing in Millimeter-Wave MIMO Arrays. IEEE Journal of Solid-State Circuits, 2021, 56, 1360-1373.	5.4	7
12	Open-Access Full-Duplex Wireless in the ORBIT and COSMOS Testbeds. , 2020, , .		5
13	A simplified CMOS FET model using surface potential equations for inter-modulation simulations of passive-mixer-like circuits. , 2017, , .		3
14	Experimentation with Full-Duplex Wireless in the COSMOS Testbed. , 2019, , .		2
15	Self-interference cancellation via beamforming in an integrated full duplex circulator-receiver phased array. , 2018, , .		1