

# Hui Zhang

## List of Publications by Year in descending order

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16  
papers

1,315  
citations

567281

15  
h-index

940533

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16  
all docs

16  
docs citations

16  
times ranked

1159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multibeam Antenna Technologies for 5G Wireless Communications. IEEE Transactions on Antennas and Propagation, 2017, 65, 6231-6249.	5.1	753
2	An Array Antenna for Both Long- and Medium-Range 77 GHz Automotive Radar Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 7207-7216.	5.1	82
3	Wideband, Low-Profile Patch Array Antenna With Corporate Stacked Microstrip and Substrate Integrated Waveguide Feeding Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 1368-1373.	5.1	63
4	A Digital Multibeam Array With Wide Scanning Angle and Enhanced Beam Gain for Millimeter-Wave Massive MIMO Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 5827-5837.	5.1	54
5	A Q-Band Low-Profile Dual Circularly Polarized Array Antenna Incorporating Linearly Polarized Substrate Integrated Waveguide-Fed Patch Subarrays. IEEE Transactions on Antennas and Propagation, 2017, 65, 5200-5210.	5.1	47
6	E-Band Low-Profile, Wideband 45° Linearly Polarized Slot-Loaded Patch and Its Array for Millimeter-Wave Communications. IEEE Transactions on Antennas and Propagation, 2018, 66, 4364-4369.	5.1	39
7	Low-Cost Millimeter-Wave Circularly Polarized Planar Integrated Magneto-Electric Dipole and Its Arrays With Low-Profile Feeding Structures. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1400-1404.	4.0	37
8	Low-Profile Wideband Vertically Folded Slotted Circular Patch Array for <i>Ka</i> -Band Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6844-6849.	5.1	37
9	Virtual Phase Shifter Array and Its Application on Ku Band Mobile Satellite Reception. IEEE Transactions on Antennas and Propagation, 2015, 63, 1408-1416.	5.1	35
10	Optimization and Implementation of SIW Slot Array for Both Medium- and Long-Range 77 GHz Automotive Radar Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 3769-3774.	5.1	35
11	Millimeter-Wave Broadband Substrate Integrated Magneto-Electric Dipole Arrays With Corporate Low-Profile Microstrip Feeding Structures. IEEE Transactions on Antennas and Propagation, 2020, 68, 7056-7067.	5.1	35
12	Multibeam Generation and Measurement of a DDS-Based Digital Beamforming Array Transmitter at <i>Ka</i> -Band. IEEE Transactions on Antennas and Propagation, 2019, 67, 3030-3039.	5.1	30
13	A Low-Profile Beamforming Patch Array With a Coscant Fourth Power Pattern for Millimeter-Wave Synthetic Aperture Radar Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6486-6496.	5.1	25
14	Low-Profile Circular Patch Array Fed by Slotted Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2019, 67, 960-970.	5.1	20
15	A Hybrid Radar System With a Phased Transmitting Array and a Digital Beamforming Receiving Array. IEEE Transactions on Antennas and Propagation, 2021, 69, 1970-1981.	5.1	17
16	Time-Varying RFI Mitigation for SAR Systems via Graph Laplacian Clustering Techniques. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6