

# huan Yi

## List of Publications by Year in descending order

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704  
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#	ARTICLE	IF	CITATIONS
1	3-D Printed Millimeter-Wave and Terahertz Lenses with Fixed and Frequency Scanned Beam. IEEE Transactions on Antennas and Propagation, 2016, 64, 442-449.	5.1	152
2	Controlling Dispersion Characteristics of Terahertz Metasurface. Scientific Reports, 2015, 5, 9367.	3.3	58
3	Terahertz Reflecting and Transmitting Metasurfaces. Proceedings of the IEEE, 2017, 105, 1166-1184.	21.3	56
4	Antenna Array Excited by Spoof Planar Plasmonic Waveguide. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1227-1230.	4.0	46
5	A Novel Dual-Band Circularly Polarized Antenna Based on Electromagnetic Band-Gap Structure. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1149-1152.	4.0	43
6	Terahertz Wavefront Control on Both Sides of the Cascaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2018, 66, 209-216.	5.1	42
7	Flat Terahertz Reflective Focusing Metasurface with Scanning Ability. Scientific Reports, 2017, 7, 3478.	3.3	35
8	Low-cost two-layer terahertz transmit array. Electronics Letters, 2017, 53, 789-791.	1.0	24
9	Applications of spoof planar plasmonic waveguide to frequency-scanning circularly polarized patch array. Journal Physics D: Applied Physics, 2014, 47, 325101.	2.8	19
10	High-Gain and Wideband Antenna Arrays: Introducing Three Patch Antenna Arrays to Show the Advantages of SPPWs Used in a Feed Network. IEEE Antennas and Propagation Magazine, 2016, 58, 22-34.	1.4	12
11	Spoof Plasmonic Waveguide-Fed 2-D Antenna Array With Improved Efficiency. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 377-380.	4.0	11
12	Frequency-Controlled 2-D Focus-Scanning Terahertz Reflectarrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 1573-1581.	5.1	8
13	3-D printed discrete dielectric lens antenna with matching layer. , 2014, , .		7
14	Low-cost discrete dielectric terahertz lens antenna using 3D printing. , 2014, , .		4
15	Wideband dielectric resonator terahertz reflectarray. , 2015, , .		4
16	3D printing millimeter-wave lens with scanning beams. , 2015, , .		3
17	A low-cost rotationally symmetric probe for terahertz near-field scanning. , 2016, , .		2
18	Design and modeling of a circularly-polarized probe for terahertz near-field measurement. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	A Low-Profile Circularly Polarized Short Backfire Antenna with High Impedance Surface. Microwave and Optical Technology Letters, 2013, 55, 1779-1784.	1.4	1
20	Wideband terahertz beam scanning reflectarrays and planar lenses: Providing beam scanning solutions to terahertz systems. , 2015, , .		0
21	Research on terahertz science and engineering at the state key laboratory of millimeter waves, partner laboratory in City University of Hong Kong. , 2015, , .		0
22	Terahertz beam splitting in forward and backward directions. , 2016, , .		0
23	Dual-Band Frequency-Controlled Terahertz Reflectarray with One-Dimensional Focus Scanning. , 2019, , .		0