

huan Yi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3189887/publications.pdf>

Version: 2024-02-01

23
papers

529
citations

840776

11
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Band Frequency-Controlled Terahertz Reflectarray with One-Dimensional Focus Scanning. , 2019, , .		0
2	Frequency-Controlled 2-D Focus-Scanning Terahertz Reflectarrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 1573-1581.	5.1	8
3	Terahertz Wavefront Control on Both Sides of the Cascaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2018, 66, 209-216.	5.1	42
4	Spoof Plasmonic Waveguide-Fed 2-D Antenna Array With Improved Efficiency. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 377-380.	4.0	11
5	Terahertz Reflecting and Transmitting Metasurfaces. Proceedings of the IEEE, 2017, 105, 1166-1184.	21.3	56
6	Flat Terahertz Reflective Focusing Metasurface with Scanning Ability. Scientific Reports, 2017, 7, 3478.	3.3	35
7	Low-cost two-layer terahertz transmit array. Electronics Letters, 2017, 53, 789-791.	1.0	24
8	Terahertz beam splitting in forward and backward directions. , 2016, , .		0
9	A low-cost rotationally symmetric probe for terahertz near-field scanning. , 2016, , .		2
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	Design and modeling of a circularly-polarized probe for terahertz near-field measurement. , 2016, , .		2
12	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
13	Wideband terahertz beam scanning reflectarrays and planar lenses: Providing beam scanning solutions to terahertz systems. , 2015, , .		0
14	Wideband dielectric resonator terahertz reflectarray. , 2015, , .		4
15	3D printing millimeter-wave lens with scanning beams. , 2015, , .		3
16	Research on terahertz science and engineering at the state key laboratory of millimeter waves, partner laboratory in City University of Hong Kong. , 2015, , .		0
17	Controlling Dispersion Characteristics of Terahertz Metasurface. Scientific Reports, 2015, 5, 9367.	3.3	58
18	Low-cost discrete dielectric terahertz lens antenna using 3D printing. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	3-D printed discrete dielectric lens antenna with matching layer. , 2014, , .		7
20	Antenna Array Excited by Spoof Planar Plasmonic Waveguide. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1227-1230.	4.0	46
21	Applications of spoof planar plasmonic waveguide to frequency-scanning circularly polarized patch array. Journal Physics D: Applied Physics, 2014, 47, 325101.	2.8	19
22	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
23	A Low-Profile Circularly Polarized Short Backfire Antenna with High Impedance Surface. Microwave and Optical Technology Letters, 2013, 55, 1779-1784.	1.4	1