

# Yuxiang Wang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Generating Dual-Polarized Vortex Beam by Detour Phase: From Phase Gradient Metasurfaces to Metagratings. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 200-209.	4.6	107
2	Perfect Control of Diffraction Patterns with Phase-Gradient Metasurfaces. ACS Applied Materials & Interfaces, 2022, 14, 16856-16865.	8.0	46
3	Generating Bessel Beams Efficiently in Microwave With High Transmission Metasurfaces. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	9
4	1 Bit Non-Diffractive Vortex Beam Generator Based on FSS in Microwave Region. IEEE Transactions on Magnetics, 2021, 57, 1-4.	2.1	8
5	Planar Vortex Beam Generator for Circularly Polarized Incidence Based on FSS. IEEE Transactions on Antennas and Propagation, 2020, 68, 1514-1522.	5.1	24
6	A Review of Orbital Angular Momentum Vortex Beams Generation: From Traditional Methods to Metasurfaces. Applied Sciences (Switzerland), 2020, 10, 1015.	2.5	73
7	Microwave Metagratings for Generation of Vortex beams Carrying OAM modes. , 2020, , .		1
8	Generation of High-Efficiency Vortex Beam Carrying OAM Mode Based on Miniaturized Element Frequency Selective Surfaces. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	10
9	Microwave Meta-lens for Generating Polarization-Independent refracted waves. , 2019, , .		0