

# Xianghui Wang

## List of Publications by Year in descending order

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15  
papers

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citations

1307594

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1281871

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15  
times ranked

161  
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#	ARTICLE	IF	CITATIONS
1	Arbitrary large-gradient wavefront shaping: from local phase modulation to nonlocal diffraction engineering. <i>Photonics Research</i> , 2022, 10, 896.	7.0	9
2	Terahertz tight-focused Bessel beam generation and point-to-point focusing based on nonlocal diffraction engineering. <i>Optics Letters</i> , 2022, 47, 2879.	3.3	4
3	An Efficient Bi-Functional Metagrating via Asymmetric Diffraction of Terahertz Beams. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 441-444.	2.5	5
4	Terahertz Sensing for R/S Chiral Ibuprofen via All-Dielectric Metasurface with Higher-Order Resonance. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8892.	2.5	7
5	Linear-polarized terahertz isolator by breaking the gyro-mirror symmetry in cascaded magneto-optical metagrating. <i>Nanophotonics</i> , 2021, 10, 4141-4148.	6.0	11
6	Graphene-based transmissive terahertz metalens with dynamic and fixed focusing. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 025105.	2.8	8
7	Efficient Wide-Band Large-Angle Refraction and Splitting of a Terahertz Beam by Low-Index 3D-Printed Bilayer Metagratings. <i>Physical Review Applied</i> , 2020, 14, .	3.8	19
8	Extremely large-angle beam deflection based on low-index sparse dielectric metagratings. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 245101.	2.8	7
9	Graphene metalenses with diverse electrical tunabilities at different terahertz frequencies. <i>Optical Engineering</i> , 2020, 59, .	1.0	4
10	Atomic switches of metallic point contacts by plasmonic heating. <i>Light: Science and Applications</i> , 2019, 8, 34.	16.6	26
11	Terahertz wave modulation enhanced by laser processed PVA film on Si substrate. <i>Scientific Reports</i> , 2018, 8, 8304.	3.3	21
12	Tunable Terahertz Amplifier Based on Slow Light Edge Mode in Graphene Plasmonic Crystal. <i>IEEE Journal of Quantum Electronics</i> , 2017, 53, 1-6.	1.9	9
13	Terahertz switch and polarization controller based on photonic crystal fiber. <i>Science China Information Sciences</i> , 2012, 55, 106-113.	4.3	10
14	Quantitative analysis for nonlinear fluorescent spectra based on edges matching. <i>Science China Technological Sciences</i> , 2010, 53, 1190-1197.	4.0	0
15	Terahertz Porous Fibers with Random Core Distributions. , 2010, , .		0