

Quanlong Yang

List of Publications by Year in descending order

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31
papers

1,019
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430442

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docs citations

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times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz bound states in the continuum with incident angle robustness induced by a dual period metagrating. <i>Photonics Research</i> , 2022, 10, 810.	3.4	37
2	Rotated Pillars for Functional Integrated On-Chip Terahertz Spoof Surface Plasmon Polariton Devices. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	23
3	Terahertz bound state in the continuum in dielectric membrane metasurfaces. <i>New Journal of Physics</i> , 2022, 24, 053010.	1.2	3
4	Topology-empowered membrane devices for terahertz photonics. <i>Advanced Photonics</i> , 2022, 4, .	6.2	13
5	Multifunctional All-Dielectric Metasurfaces for Terahertz Multiplexing. <i>Advanced Optical Materials</i> , 2021, 9, 2100506.	3.6	24
6	Multifunctional Spatial Mode Multiplexers Based on All-Dielectric Metasurfaces Working at Terahertz Frequencies. , 2021, , .		0
7	Mie-Resonant Membrane Huygens' Metasurfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1906851.	7.8	52
8	Toroidal dipolar bound state in the continuum and antiferromagnetic in asymmetric metasurface. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 075106.	1.3	18
9	Polarization-Sensitive Dielectric Membrane Metasurfaces. <i>Advanced Optical Materials</i> , 2020, 8, 2000555.	3.6	24
10	Metasurface lens with angular modulation for extended depth of focus imaging. <i>Optics Letters</i> , 2020, 45, 611.	1.7	20
11	Extrinsic optical activity in all-dielectric terahertz metamaterial. <i>Optics Letters</i> , 2020, 45, 6146.	1.7	11
12	Photonic Weyl points due to broken time-reversal symmetry in magnetized semiconductor. <i>Nature Physics</i> , 2019, 15, 1150-1155.	6.5	81
13	Deeply Subwavelength Metasurface Resonators for Terahertz Wavefront Manipulation. <i>Advanced Optical Materials</i> , 2019, 7, 1900736.	3.6	25
14	Tunable On-Chip Sources with Aperiodic Metasurface. <i>Annalen Der Physik</i> , 2019, 531, 1900237.	0.9	0
15	Terahertz electric field modulated mode coupling in graphene-metal hybrid metamaterials. <i>Optics Express</i> , 2019, 27, 2317.	1.7	22
16	Dielectric Membrane Mie-Resonant Metasurfaces. , 2019, , .		0
17	Tailoring mode interference in plasmon-induced transparency metamaterials. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 174005.	1.3	22
18	Surface Plasmon Mediated Controllable Spin-Resolved Transmission in Meta-Hole Structures. <i>Annalen Der Physik</i> , 2018, 530, 1700364.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Interferometric Control of Dual-Band Terahertz Perfect Absorption Using a Designed Metasurface. <i>Physical Review Applied</i> , 2018, 9, .	1.5	14
20	Reflective chiral meta-holography: multiplexing holograms for circularly polarized waves. <i>Light: Science and Applications</i> , 2018, 7, 25.	7.7	212
21	Broadband terahertz rotator with an all-dielectric metasurface. <i>Photonics Research</i> , 2018, 6, 1056.	3.4	45
22	Terahertz carpet cloak based on ultrathin metasurface. , 2018, , .		0
23	Broadband and Robust Metalens with Nonlinear Phase Profiles for Efficient Terahertz Wave Control. <i>Advanced Optical Materials</i> , 2017, 5, 1601084.	3.6	47
24	Aperiodic-metamaterial-based absorber. <i>APL Materials</i> , 2017, 5, .	2.2	23
25	All-Dielectric Meta-lens Designed for Photoconductive Terahertz Antennas. <i>IEEE Photonics Journal</i> , 2017, 9, 1-9.	1.0	19
26	Ultrathin metasurface-based carpet cloak for terahertz wave. <i>Optics Express</i> , 2017, 25, 15635.	1.7	46
27	Transmission and plasmonic resonances on quasicrystal metasurfaces. <i>Optics Express</i> , 2017, 25, 24173.	1.7	8
28	Multi-wavelength lenses for terahertz surface wave. <i>Optics Express</i> , 2017, 25, 24872.	1.7	7
29	Polarization-controlled asymmetric excitation of surface plasmons. <i>Optica</i> , 2017, 4, 1044.	4.8	33
30	Near-field surface plasmons on quasicrystal metasurfaces. <i>Scientific Reports</i> , 2016, 6, 26.	1.6	27
31	Efficient flat metasurface lens for terahertz imaging. <i>Optics Express</i> , 2014, 22, 25931.	1.7	161