

Ho Wai Howard Lee

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,000
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1377
citing authors

#	ARTICLE	IF	CITATIONS
1	Active optical metasurfaces: comprehensive review on physics, mechanisms, and prospective applications. Reports on Progress in Physics, 2022, 85, 036101.	20.1	63
2	Polarization-dependent photonic crystal fiber optical filters enabled by asymmetric metasurfaces. Nanophotonics, 2022, 11, 2711-2717.	6.0	12
3	Full-color generation enabled by refractory plasmonic crystals. Nanophotonics, 2022, 11, 2891-2899.	6.0	7
4	On-Chip Generation of Structured Light Based on Metasurface Optoelectronic Integration. Laser and Photonics Reviews, 2021, 15, 2000385.	8.7	37
5	Enhanced Spontaneous Emission of Monolayer MoS ₂ on Epitaxially Grown Titanium Nitride Epsilon-Near-Zero Thin Films. Nano Letters, 2021, 21, 4928-4936.	9.1	13
6	Optimized Titanium Nitride Epitaxial Film for Refractory Plasmonics and Solar Energy Harvesting. Journal of Physical Chemistry C, 2021, 125, 13658-13665.	3.1	18
7	Plasmon-Enhanced Solar-Driven Hydrogen Evolution Using Titanium Nitride Metasurface Broadband Absorbers. ACS Photonics, 2021, 8, 3125-3132.	6.6	32
8	Atomic Layer Engineering of Epsilon-Near-Zero Ultrathin Films with Controllable Field Enhancement. Advanced Materials Interfaces, 2020, 7, 2000844.	3.7	27
9	Photonic crystal fiber metalens. Nanophotonics, 2019, 8, 443-449.	6.0	87
10	Gate-Tunable Plasmon-Induced Transparency Modulator Based on Stub-Resonator Waveguide with Epsilon-Near-Zero Materials. Scientific Reports, 2019, 9, 2789.	3.3	21
11	Enhanced Subwavelength Coupling and Nanofocusing with Fiber-Plasmonic Hybrid Probe. , 2019, , .		0
12	Field Enhancement of Epsilon-Near-Zero Modes in Atomic-Layer-Deposited ZnO:Al Nanolayers. , 2019, , .		0
13	Excitation of Epsilon-Near-Zero Mode in Optical Fiber. , 2019, , .		0
14	Gate-tunable optical filter based on conducting oxide metasurface heterostructure. Optics Letters, 2019, 44, 3653.	3.3	11
15	Field-Effect Tunable and Broadband Epsilon-Near-Zero Perfect Absorbers with Deep Subwavelength Thickness. ACS Photonics, 2018, 5, 2631-2637.	6.6	59
16	Excitation of epsilon-near-zero resonance in ultra-thin indium tin oxide shell embedded nanostructured optical fiber. Scientific Reports, 2018, 8, 2342.	3.3	17
17	Atomic layer deposition of ultra-thin and smooth Al-doped ZnO for zero-index photonics. Materials Research Express, 2018, 5, 014012.	1.6	30
18	Plasmon-Enhanced Spin-Orbit Interaction of Light in Graphene. Laser and Photonics Reviews, 2018, 12, 1800140.	8.7	10

#	ARTICLE	IF	CITATIONS
19	Interaction of femtosecond laser pulses with plants: towards distinguishing weeds and crops using plasma temperature. <i>Journal of Modern Optics</i> , 2017, 64, 942-947.	1.3	4
20	Gate-Tunable Conducting Oxide Metasurfaces. <i>Nano Letters</i> , 2016, 16, 5319-5325.	9.1	552