

Ming Kang

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,985
citations

331538

21
h-index

243529

44
g-index

50
all docs

50
docs citations

50
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband light absorption and photoresponse enhancement in monolayer WSe ₂ crystal coupled to Sb ₂ O ₃ microresonators. Nano Research, 2022, 15, 4653-4660.	5.8	5
2	Coherent Chiral-Selective Absorption and Wavefront Manipulation in Single-Layer Metasurfaces. Advanced Optical Materials, 2021, 9, 2001620.	3.6	13
3	Coupling Plasmonic System for Efficient Wavefront Control. ACS Applied Materials & Interfaces, 2021, 13, 5844-5852.	4.0	22
4	Tailor-made unitary operations using dielectric metasurfaces. Optics Express, 2021, 29, 5677.	1.7	4
5	Chirality of exceptional points in bianisotropic metasurfaces. Optics Express, 2021, 29, 11582.	1.7	9
6	Optical super-resonance in a customized <i>P</i> - <i>T</i> -symmetric system of hybrid interaction. Optics Express, 2021, 29, 24663.	1.7	2
7	Plasmonic evolution maps for planar metamaterials. Photonics Research, 2021, 9, 73.	3.4	1
8	Coherent Perfect Diffraction in Metagratings. Advanced Materials, 2020, 32, e2002341.	11.1	29
9	Efficient Focusing with Large Numerical Aperture Using a Hybrid Metalens. Physical Review Applied, 2020, 13, .	1.5	52
10	Exceptional point in a metal-graphene hybrid metasurface with tunable asymmetric loss. Optics Express, 2020, 28, 20083.	1.7	25
11	High-order exceptional points in non-Hermitian Moiré lattices. Frontiers of Physics, 2019, 14, 1.	2.4	8
12	Exceptional singular resonance in gain mediated metamaterials. Optics Express, 2019, 27, 6240.	1.7	6
13	Bandwidth bounds of coherent perfect absorber in resonant metasurfaces. Optics Express, 2019, 27, 9004.	1.7	2
14	Nonreciprocal parity-time phase in magnetized waveguides. Optics Express, 2019, 27, 27385.	1.7	0
15	Interferometric Control of Dual-Band Terahertz Perfect Absorption Using a Designed Metasurface. Physical Review Applied, 2018, 9, .	1.5	14
16	Superconductive PT-symmetry phase transition in metasurfaces. Applied Physics Letters, 2017, 110, .	1.5	19
17	Coherent Control of Optical Spin-to-Orbital Angular Momentum Conversion in Metasurface. Advanced Materials, 2017, 29, 1604252.	11.1	40
18	Wavefront manipulation with a dipolar metasurface under coherent control. Journal of Applied Physics, 2017, 122, .	1.1	16

#	ARTICLE	IF	CITATIONS
19	Experimental observation of the topological structure of exceptional points in an ultrathin hybridized metamaterial. <i>Physical Review A</i> , 2017, 96, .	1.0	12
20	Spawning a ring of exceptional points from a metamaterial. <i>Optics Express</i> , 2017, 25, 18265.	1.7	11
21	MoSS_2\$ Broadband Coherent Perfect Absorber for Terahertz Waves. <i>IEEE Photonics Journal</i> , 2016, 8, 1-7.	1.0	31
22	Coherent perfect absorption in an all-dielectric metasurface. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	112
23	Chiral exceptional points in metasurfaces. <i>Physical Review A</i> , 2016, 94, .	1.0	64
24	Coherent optical control of polarization with a critical metasurface. <i>Physical Review A</i> , 2015, 92, .	1.0	38
25	Gold Nanoparticles with Gain-assisted Coating for Ultra-sensitive Biomedical Sensing. <i>Plasmonics</i> , 2015, 10, 881-886.	1.8	11
26	Fingerprints of topological defects in a metasurface. <i>Optics Letters</i> , 2014, 39, 4879.	1.7	3
27	Dual-band unidirectional circular polarizer with opposite handedness filtration using hybridized metamaterial. <i>Optics Express</i> , 2014, 22, 9301.	1.7	13
28	Unidirectional phase singularity in ultrathin metamaterials at exceptional points. <i>Physical Review A</i> , 2014, 89, .	1.0	28
29	Tunable terahertz left-handed metamaterial based on multi-layer graphene-dielectric composite. <i>Applied Physics Letters</i> , 2014, 104, 051902.	1.5	94
30	Critical route for coherent perfect absorption in a Fano resonance plasmonic system. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	28
31	Spin-Enabled Plasmonic Metasurfaces for Manipulating Orbital Angular Momentum of Light. <i>Nano Letters</i> , 2013, 13, 4148-4151.	4.5	252
32	Guided modes in magneto-optical waveguides and the role in resonant transmission. <i>Optics Express</i> , 2013, 21, 9563.	1.7	9
33	Effective spontaneous $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -symmetry breaking in hybridized metamaterials. <i>Physical Review A</i> , 2013, 87, .	1.0	104
34	Slow light from sharp dispersion by exciting dark photonic angular momentum states. <i>Optics Letters</i> , 2013, 38, 250.	1.7	10
35	Exceptional points in extraordinary optical transmission through dual subwavelength metallic gratings. <i>Optics Express</i> , 2013, 21, 13368.	1.7	21
36	Circular polarizer via selective excitation of photonic angular momentum states in metamaterials. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	12

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37	Polarization-independent coherent perfect absorption by a dipole-like metasurface. Optics Letters, 2013, 38, 3086.	1.7	70
38	Wave front engineering from an array of thin aperture antennas. Optics Express, 2012, 20, 15882.	1.7	310
39	Twisted vector field from an inhomogeneous and anisotropic metamaterial. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 572.	0.9	79
40	Spin-sensitive distribution of electromagnetic field via spin-orbit interaction in structured metamaterials. Journal of Applied Physics, 2012, 112, 013102.	1.1	1
41	Spatial splitting of spin states in subwavelength metallic microstructures via partial conversion of spin-to-orbital angular momentum. Physical Review A, 2012, 85, .	1.0	21
42	Fanoâ€™Feshbach resonance in structural symmetry broken metamaterials. Journal of Applied Physics, 2011, 109, 014901.	1.1	22
43	Asymmetric transmission for linearly polarized electromagnetic radiation. Optics Express, 2011, 19, 8347.	1.7	126
44	Unidirectional optical transmission in dual-metal gratings in the absence of anisotropic and nonlinear materials. Optics Letters, 2011, 36, 1905.	1.7	59
45	Optical spin-dependent angular shift in structured metamaterials. Optics Letters, 2011, 36, 3942.	1.7	12
46	Near-field phase singularity in subwavelength metallic microstructures. Physical Review A, 2011, 84, .	1.0	9
47	Slow light in a simple metamaterial structure constructed by cut and continuous metal strips. Applied Physics B: Lasers and Optics, 2010, 100, 699-703.	1.1	32
48	Second-harmonic generation in one-dimensional metal gratings with dual extraordinary transmissions. Journal of Applied Physics, 2010, 107, 053108.	1.1	5
49	Tunable slow light in semiconductor metamaterial in a broad terahertz regime. Journal of Applied Physics, 2010, 107, .	1.1	112
50	A new planar left-handed metamaterial composed of metal-dielectric-metal structure. Optics Express, 2008, 16, 8617.	1.7	7