

Kejie Fang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,705
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing effective magnetic field for photons by controlling the phase of dynamic modulation. Nature Photonics, 2012, 6, 782-787.	31.4	892
2	Generalized non-reciprocity in an optomechanical circuit via synthetic magnetism and reservoir engineering. Nature Physics, 2017, 13, 465-471.	16.7	360
3	Photonic Aharonov-Bohm Effect Based on Dynamic Modulation. Physical Review Letters, 2012, 108, 153901.	7.8	323
4	Non-reciprocal phase shift induced by an effective magnetic flux for light. Nature Photonics, 2014, 8, 701-705.	31.4	295
5	Optical transduction and routing of microwave phonons in cavity-optomechanical circuits. Nature Photonics, 2016, 10, 489-496.	31.4	161
6	Photonic Aharonov-Bohm effect in photon-phonon interactions. Nature Communications, 2014, 5, 3225.	12.8	124
7	High-Sensitivity Magnetometry Based on Quantum Beats in Diamond Nitrogen-Vacancy Centers. Physical Review Letters, 2013, 110, 130802.	7.8	119
8	Controlling the Flow of Light Using the Inhomogeneous Effective Gauge Field that Emerges from Dynamic Modulation. Physical Review Letters, 2013, 111, 203901.	7.8	88
9	Ultracompact nonreciprocal optical isolator based on guided resonance in a magneto-optical photonic crystal slab. Optics Letters, 2011, 36, 4254.	3.3	77
10	Experimental demonstration of a photonic Aharonov-Bohm effect at radio frequencies. Physical Review B, 2013, 87, .	3.2	71
11	Microscopic theory of photonic one-way edge mode. Physical Review B, 2011, 84, .	3.2	57
12	Effective magnetic field for photons based on the magneto-optical effect. Physical Review A, 2013, 88, .	2.5	23
13	Anomalous Quantum Hall Effect of Light in Bloch-Wave Modulated Photonic Crystals. Physical Review Letters, 2019, 122, 233904.	7.8	22
14	Observation of phonon trapping in the continuum with topological charges. Nature Communications, 2020, 11, 5216.	12.8	20
15	Mechanical bound states in the continuum for macroscopic optomechanics. Optics Express, 2019, 27, 10138.	3.4	19
16	Photonic de Haas-van Alphen effect. Optics Express, 2013, 21, 18216.	3.4	16
17	Local density of states of chiral Hall edge states in gyrotropic photonic clusters. Physical Review B, 2013, 88, .	3.2	13
18	Noncommutative geometry modified non-Gaussianities of cosmological perturbation. Physical Review D, 2008, 77, .	4.7	11

#	ARTICLE	IF	CITATIONS
19	High-efficiency fiber-to-chip interface for aluminum nitride quantum photonics. OSA Continuum, 2020, 3, 952.	1.8	7
20	Two-dimensional Green's tensor for gyrotropic clusters composed of circular cylinders. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2294.	1.5	4
21	Observation of an effective magnetic field for light. , 2014, , .		2
22	Photonic one-way edge mode and slow light application. , 2010, , .		1
23	Photonic structures: Advanced thermal control, and effective gauge field for light. , 2013, , .		0