

Wenyao Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6299953/publications.pdf>

Version: 2024-02-01

12
papers

243
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Switchable slow light rainbow trapping and releasing in strongly coupling topological photonic systems. <i>Photonics Research</i> , 2019, 7, 1075.	7.0	53
2	Strong coupling of topological edge states enabling group-dispersionless slow light in magneto-optical photonic crystals. <i>Physical Review B</i> , 2019, 99, .	3.2	39
3	Antichiral one-way edge states in a gyromagnetic photonic crystal. <i>Physical Review B</i> , 2020, 101, .	3.2	36
4	Broadband dispersionless topological slow light. <i>Optics Letters</i> , 2020, 45, 4964.	3.3	35
5	All-angle optical switch based on the zero reflection effect of graphene“dielectric hyperbolic metamaterials. <i>Photonics Research</i> , 2019, 7, 318.	7.0	28
6	Zero GVD slow-light originating from a strong coupling of one-way modes in double-channel magneto-optical photonic crystal waveguides. <i>Optics Express</i> , 2021, 29, 2478.	3.4	13
7	Revealing photonic Lorentz force as the microscopic origin of topological photonic states. <i>Nanophotonics</i> , 2020, 9, 3217-3226.	6.0	10
8	Super-sensitive tunable planar lens based on graphene hyperbolic metamaterials. <i>Optics Express</i> , 2019, 27, 24738.	3.4	9
9	Sensitive chemical potential sensor based on graphene hyperbolic metamaterials. <i>Europhysics Letters</i> , 2020, 130, 27002.	2.0	8
10	Electrically controlled beam steering with wide deflection angles in liquid crystal photonic crystals. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 075106.	2.2	4
11	A tunable silicon-on-insulator valley Hall photonic crystal at telecommunication wavelengths. <i>Europhysics Letters</i> , 2020, 131, 54002.	2.0	4
12	Reversible Conversion of Odd/Even One-Way Modes in Magneto-Optical Photonic Crystal Double-Channel Waveguides. <i>Nanomaterials</i> , 2022, 12, 2448.	4.1	4