

Midya Parto

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,858
citations

759233

12
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

1613
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Thouless pumping transport and nonlinear switching in a topological low-dimensional discrete nematic liquid crystal array. <i>Physical Review A</i> , 2022, 105, .	2.5	6
2	Topological optical parametric oscillation. <i>Nanophotonics</i> , 2022, 11, 1611-1618.	6.0	8
3	Topological dissipation in a time-multiplexed photonic resonator network. <i>Nature Physics</i> , 2022, 18, 442-449.	16.7	58
4	Gain-induced topological response via tailored long-range interactions. <i>Nature Physics</i> , 2021, 17, 704-709.	16.7	40
5	Room temperature electrically pumped topological insulator lasers. <i>Nature Communications</i> , 2021, 12, 3434.	12.8	30
6	Room temperature electrically pumped topological insulator laser based on quantum spin Hall effect. , 2021, , .		0
7	Electrically Pumped Microring Parity-Time-Symmetric Lasers. <i>Proceedings of the IEEE</i> , 2020, 108, 827-836.	21.3	17
8	Entropic thermodynamics of nonlinear photonic chain networks. <i>Communications Physics</i> , 2020, 3, .	5.3	9
9	Realizing spin Hamiltonians in nanoscale active photonic lattices. <i>Nature Materials</i> , 2020, 19, 725-731.	27.5	32
10	Topological Haldane Lattice. , 2020, , .		3
11	Non-Hermitian and topological photonics: optics at an exceptional point. <i>Nanophotonics</i> , 2020, 10, 403-423.	6.0	135
12	Optical thermodynamic properties of nonlinear topological Haldane lattices. , 2020, , .		0
13	Electrically Pumped Topological Insulator Lasers. , 2020, , .		0
14	Nanolaser-based emulators of spin Hamiltonians. <i>Nanophotonics</i> , 2020, 9, 4193-4198.	6.0	3
15	Direct Generation of Tunable Orbital Angular Momentum Beams in Microring Lasers with Broadband Exceptional Points. <i>ACS Photonics</i> , 2019, 6, 1895-1901.	6.6	44
16	Observation of twist-induced geometric phases and inhibition of optical tunneling via Aharonov-Bohm effects. <i>Science Advances</i> , 2019, 5, eaau8135.	10.3	16
17	Thermodynamic conditions governing the optical temperature and chemical potential in nonlinear highly multimoded photonic systems. <i>Optics Letters</i> , 2019, 44, 3936.	3.3	36
18	Topological insulator laser: Experiments. <i>Science</i> , 2018, 359, .	12.6	949

#	ARTICLE	IF	CITATIONS
19	Edge-Mode Lasing in 1D Topological Active Arrays. Physical Review Letters, 2018, 120, 113901.	7.8	406
20	Unidirectional light emission in PT-symmetric microring lasers. Optics Express, 2018, 26, 27153.	3.4	41
21	Tunable Orbital Angular Momentum Microring Laser. , 2018, , .		2
22	Topological Insulator Laser. , 2018, , .		4
23	Topological Aharonov-Bohm suppression of optical tunneling in twisted nonlinear multicore fibers. Physical Review A, 2017, 96, .	2.5	11
24	Systematic approach for designing zero-DGD coupled multi-core optical fibers. Optics Letters, 2016, 41, 1917.	3.3	8