Midya Parto

List of Publications by Year
in descending order

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	Topological insulator laser: Experiments. Science, 2018, 359, .	12.6	949
2	Edge-Mode Lasing in 1D Topological Active Arrays. Physical Review Letters, 2018, 120, 113901.	7.8	406
3	Non-Hermitian and topological photonics: optics at an exceptional point. Nanophotonics, 2020, 10, 403-423.	6.0	135
4	Topological dissipation in a time-multiplexed photonic resonator network. Nature Physics, 2022, 18, 442-449.	16.7	58
5	Direct Generation of Tunable Orbital Angular Momentum Beams in Microring Lasers with Broadband Exceptional Points. ACS Photonics, 2019, 6, 1895-1901.	6.6	44
6	Unidirectional light emission in PT-symmetric microring lasers. Optics Express, 2018, 26, 27153.	3.4	41
7	Gain-induced topological response via tailored long-range interactions. Nature Physics, 2021, 17, 704-709.	16.7	40
8	Thermodynamic conditions governing the optical temperature and chemical potential in nonlinear highly multimoded photonic systems. Optics Letters, 2019, 44, 3936.	3.3	36
9	Realizing spin Hamiltonians in nanoscale active photonic lattices. Nature Materials, 2020, 19, 725-731.	27.5	32
10	Room temperature electrically pumped topological insulator lasers. Nature Communications, 2021, 12, 3434.	12.8	30
11	Electrically Pumped Microring Parity-Time-Symmetric Lasers. Proceedings of the IEEE, 2020, 108, 827-836.	21.3	17
12	Observation of twist-induced geometric phases and inhibition of optical tunneling via Aharonov-Bohm effects. Science Advances, 2019, 5, eaau8135.	10.3	16
13	Topological Aharonov-Bohm suppression of optical tunneling in twisted nonlinear multicore fibers. Physical Review A, 2017, 96, .	2.5	11
14	Entropic thermodynamics of nonlinear photonic chain networks. Communications Physics, 2020, 3, .	5.3	9
15	Systematic approach for designing zero-DGD coupled multi-core optical fibers. Optics Letters, 2016, 41, 1917.	3.3	8
16	Topological optical parametric oscillation. Nanophotonics, 2022, 11, 1611-1618.	6.0	8
17	Optical Thouless pumping transport and nonlinear switching in a topological low-dimensional discrete nematic liquid crystal array. Physical Review A, 2022, 105, .	2.5	6
18	Topological Insulator Laser. , 2018, , .		4

#	Article	IF	Citations
19	Topological Haldane Lattice. , 2020, , .		3
20	Nanolaser-based emulators of spin Hamiltonians. Nanophotonics, 2020, 9, 4193-4198.	6.0	3
21	Tunable Orbital Angular Momentum Microring Laser. , 2018, , .		2
22	Room temperature electrically pumped topological insulator laser based on quantum spin Hall effect. , 2021, , .		0
23	Optical thermodynamic properties of nonlinear topological Haldane lattices. , 2020, , .		0
24	Electrically Pumped Topological Insulator Lasers. , 2020, , .		0