Daniel C Cole

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5439531/publications.pdf

Version: 2024-02-01

15 papers	926 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	858 citing authors

#	Article	IF	Citations
1	Soliton crystals in Kerr resonators. Nature Photonics, 2017, 11, 671-676.	31.4	300
2	Phase-coherent microwave-to-optical link with a self-referenced microcomb. Nature Photonics, 2016, 10, 516-520.	31.4	133
3	Electronic synthesis of light. Optica, 2017, 4, 406.	9.3	115
4	Broadband dispersion-engineered microresonator on a chip. Nature Photonics, 2016, 10, 316-320.	31.4	79
5	Spontaneous pulse formation in edgeless photonic crystal resonators. Nature Photonics, 2021, 15, 461-467.	31.4	61
6	Kerr-microresonator solitons from a chirped background. Optica, 2018, 5, 1304.	9.3	52
7	Direct Kerr frequency comb atomic spectroscopy and stabilization. Science Advances, 2020, 6, eaax6230.	10.3	49
8	Theory of Kerr frequency combs in Fabry-Perot resonators. Physical Review A, 2018, 98, .	2.5	36
9	Subharmonic Entrainment of Kerr Breather Solitons. Physical Review Letters, 2019, 123, 173904.	7.8	30
10	Dual-comb interferometry via repetition rate switching of a single frequency comb. Optics Letters, 2018, 43, 3614.	3.3	22
11	Dissipative preparation of W states in trapped ion systems. New Journal of Physics, 2021, 23, 073001.	2.9	17
12	Resource-Efficient Dissipative Entanglement of Two Trapped-Ion Qubits. Physical Review Letters, 2022, 128, 080502.	7.8	13
13	Quantum Harmonic Oscillator Spectrum Analyzers. Physical Review Letters, 2021, 126, 250507.	7.8	8
14	High-Fidelity Indirect Readout of Trapped-Ion Hyperfine Qubits. Physical Review Letters, 2022, 128, 160503.	7.8	7
15	Downsampling of optical frequency combs. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1666.	2.1	4