Zhen Qi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2263004/publications.pdf

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20	253	1163117 8	1281871 11
papers	citations	h-index	g-index

20	20	20	240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear ÄŒerenkov Radiation in Nonlinear Photonic Crystal Waveguides. Physical Review Letters, 2008, 100, 163904.	7.8	96
2	Dissipative cnoidal waves (Turing rolls) and the soliton limit in microring resonators. Optica, 2019, 6, 1220.	9.3	42
3	Nonlinear frequency combs generated by cnoidal waves in microring resonators. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 785.	2.1	30
4	Quasi-phase-matched ÄŒerenkov second-harmonic generation in a hexagonally poled LiTaO3 waveguide. Applied Physics Letters, 2006, 89, 171113.	3.3	16
5	Thermal instabilities, frequency-comb formation, and temporal oscillations in Kerr microresonators. Physical Review A, 2021, 103, .	2.5	15
6	Existence conditions for phononic frequency combs. Applied Physics Letters, 2020, 117, .	3.3	11
7	Deterministic access of broadband frequency combs in microresonators using cnoidal waves in the soliton crystal limit. Optics Express, 2020, 28, 36304.	3.4	11
8	On the transition to secondary Kerr combs in whispering-gallery mode resonators. Optics Letters, 2019, 44, 3078.	3.3	11
9	Integrated noncollinear redâ€“greenâ€“blue laser light source using a two-dimensional nonlinear photonic quasicrystal. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 608.	2.1	8
10	High-confined second harmonic generation in nano-scale slot waveguides. Journal Physics D: Applied Physics, 2008, 41, 025109.	2.8	4
11	Phonon polaritons in a nonaxial aligned piezoelectric superlattice. Journal of Applied Physics, 2009, 105, 074102.	2.5	3
12	Plotting the Stability Boundary of Cnoidal Waves in Microresonators. , 2020, , .		2
13	Achromatic Waveplates for Liquid Crystal Displays. Journal of Display Technology, 2013, 9, 586-591.	1.2	1
14	Automatically Mapping the Stable Regions of Frequency Combs in Microresonators. , 2021, , .		1
15	Stability of cnoidal wave frequency combs in microresonators. , 2018, , .		1
16	Soliton Frequency Combs in Dual Microresonators. , 2019, , .		1
17	Cnoidal Waves in Microresonators. , 2016, , .		0
18	Dark Solitons and Cnoidal Waves in Microresonators with Normal Dispersion. , 2017, , .		0

#	Article	IF	Citations
19	Quadratic Bright Soliton and Cnoidal Wave Frequency Combs in Microresonators by Second Harmonic Generation. , 2018, , .		0
20	A Deterministic Method for Obtaining Large-Bandwidth Frequency Combs in Microresonators with Thermal Effects. , 2020, , .		0