

Zhen Qi

List of Publications by Year in descending order

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20
papers

253
citations

1163117

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all docs

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docs citations

20
times ranked

240
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Nonlinear Čerenkov Radiation in Nonlinear Photonic Crystal Waveguides. Physical Review Letters, 2008, 100, 163904.	7.8	96
20	Quasi-phase-matched Čerenkov second-harmonic generation in a hexagonally poled LiTaO3 waveguide. Applied Physics Letters, 2006, 89, 171113.	3.3	16