

Marc Jankowski

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

990
citations

840776

11
h-index

996975

15
g-index

36
all docs

36
docs citations

36
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-static optical parametric amplification. <i>Optica</i> , 2022, 9, 273.	9.3	25
2	Onset of non-Gaussian quantum physics in pulsed squeezing with mesoscopic fields. <i>Optica</i> , 2022, 9, 379.	9.3	5
3	Reduced material loss in thin-film lithium niobate waveguides. <i>APL Photonics</i> , 2022, 7, .	5.7	32
4	Optical Parametric Oscillator in Thin-Film Lithium Niobate with a 130 μ W Threshold. , 2021, , .		0
5	Fully-Resonant Second Harmonic Generation in Periodically Poled Thin-Film Lithium Niobate. , 2021, , .		0
6	Mid-infrared nonlinear optics in thin-film lithium niobate on sapphire. , 2021, , .		1
7	Efficient Ultra-broadband Optical Parametric Generation with Picojoule Pulse Energies. , 2021, , .		0
8	Fano discrete-continuum interactions in broadband parametric downconversion. , 2021, , .		0
9	Mid-infrared nonlinear optics in thin-film lithium niobate on sapphire. <i>Optica</i> , 2021, 8, 921.	9.3	36
10	Dispersion-engineered $\chi^{(2)}$ nanophotonics: a flexible tool for nonclassical light. <i>JPhys Photonics</i> , 2021, 3, 042005.	4.6	18
11	Mid-infrared nonlinear optics in thin-film lithium niobate on sapphire. , 2021, , .		1
12	Supercontinuum Generation by Saturated $\chi^{(2)}$ Interactions. , 2021, , .		1
13	Quasi-static Optical Parametric Amplification. , 2021, , .		1
14	Ultra-broadband Nonlinear Optics at Telecom Wavelengths in PPLN Nanowaveguides. , 2021, , .		0
15	Numerical simulation and validation of subsurface modification and crack formation induced by nanosecond-pulsed laser processing in monocrystalline silicon. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	14
16	Ultrabroadband nonlinear optics in nanophotonic periodically poled lithium niobate waveguides. <i>Optica</i> , 2020, 7, 40.	9.3	172
17	Ultrabroadband Nonlinear Optics in Nanophotonic Lithium Niobate Waveguides. , 2020, , .		0
18	10.1063/1.5130701.1. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Ultrabroadband Nonlinear Optics in Dispersion Engineered Periodically Poled Lithium Niobate Waveguides. , 2019, , .		0
20	Ultrabroadband Nonlinear Optics in Dispersion Engineered Periodically Poled Lithium Niobate Waveguides. , 2019, , .		1
21	Low-loss Integrated Lithium Niobate Photonics for Quantum Light Generation. , 2019, , .		0
22	Temporal Simultons in Optical Parametric Oscillators. Physical Review Letters, 2018, 120, 053904.	7.8	51
23	Ultrahigh-efficiency wavelength conversion in nanophotonic periodically poled lithium niobate waveguides. Optica, 2018, 5, 1438.	9.3	392
24	Efficient cascaded half-harmonic generation of mid-IR frequency combs (Conference Presentation). , 2017, , .		0
25	Simulton Formation in Mid-Infrared Femtosecond Optical Parametric Oscillators. , 2017, , .		0
26	Femtosecond Temporal Simulton Formation in Optical Parametric Oscillators. , 2017, , .		0
27	Reduced models and design principles for half-harmonic generation in synchronously pumped optical parametric oscillators. Physical Review A, 2016, 94, .	2.5	30
28	Cascaded half-harmonic generation of femtosecond frequency combs in the mid-infrared. Optica, 2016, 3, 324.	9.3	32
29	Reduced Models for Pulse Shaping and Nonlinear Dynamics in Optical Parametric Oscillators. , 2016, , .		0
30	19-nJ Five-Cycle Pulses from a 2- μ m Degenerate Optical Parametric Oscillator. , 2016, , .		0
31	Dynamic polariton condensation in a single GaN nanowire-dielectric microcavity. Physical Review B, 2012, 85, .	3.2	11
32	Effect of magnetic field on polariton emission characteristics of a quantum-well microcavity diode. Applied Physics Letters, 2012, 100, 171106.	3.3	4
33	Room temperature polariton lasing from a single GaN nanowire microcavity. , 2011, , .		0
34	InGaN nanowires on silicon: Material characteristics and device applications. , 2011, , .		0
35	Room Temperature Ultralow Threshold GaN Nanowire Polariton Laser. Physical Review Letters, 2011, 107, 066405.	7.8	161