

Marco Ravaro

List of Publications by Year in descending order

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725
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686830

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23
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically injected InGaAsP/AlGaAs optical parametric oscillator: design and technology. Journal of the Optical Society of America B: Optical Physics, 2021, 38, B40.	0.9	1
2	Second-Harmonic Generation in Suspended AlGaAs Waveguides: A Comparative Study. Micromachines, 2020, 11, 229.	1.4	8
3	Room-Temperature Continuous-Wave Frequency-Referenced Spectrometer up to 7.5 THz. Physical Review Applied, 2018, 10, .	1.5	12
4	Parametric Quantum-dash Source Around 3 μm . , 2018, , .		0
5	Controlling second-harmonic generation at the nanoscale with monolithic AlGaAs-on-AlOx antennas. Nanotechnology, 2017, 28, 114005.	1.3	67
6	Polarization properties of second-harmonic generation in AlGaAs optical nanoantennas. Optics Letters, 2017, 42, 559.	1.7	57
7	Directionally induced quasi-phase matching in homogeneous AlGaAs waveguides. Optics Letters, 2017, 42, 4287.	1.7	20
8	QCL-Based Real-Time Terahertz Digital Holography. , 2016, , .		0
9	Real-time terahertz digital holography with a quantum cascade laser. Scientific Reports, 2015, 5, 13566.	1.6	85
10	High-Q resonant cavities for terahertz quantum cascade lasers. Optics Express, 2015, 23, 3751.	1.7	13
11	Mid-infrared digital holography and holographic interferometry with a tunable quantum cascade laser. Optics Letters, 2014, 39, 4843.	1.7	20
12	Spectral Properties of THz Quantum-Cascade Lasers: Frequency Noise, Phase-Locking and Absolute Frequency Measurement. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 342-356.	1.2	9
13	Stabilization and mode locking of terahertz quantum cascade lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 8501011-8501011.	1.9	10
14	Measurement of the intrinsic linewidth of terahertz quantum cascade lasers using a near-infrared frequency comb. Optics Express, 2012, 20, 25654.	1.7	68
15	Phase-locking of a 25 THz quantum cascade laser to a frequency comb using a GaAs photomixer. Optics Letters, 2011, 36, 3969.	1.7	62
16	Coherent sampling of active mode-locked terahertz quantum cascade lasers and frequency synthesis. Nature Photonics, 2011, 5, 306-313.	15.6	189
17	Coherent control of a semiconductor qubit in the strong coupling regime: Impact of energy and phase relaxation mechanisms. Physical Review B, 2009, 80, .	1.1	7
18	Parametric amplification in GaAs/AlOx waveguide. Applied Physics Letters, 2009, 94, 171110.	1.5	27

#	ARTICLE	IF	CITATIONS
19	Nonlinear measurement of mid-infrared absorption in AlOx waveguides. Applied Physics Letters, 2008, 92, 151111.	1.5	11
20	Estimation of parametric gain in GaAs $\hat{\cdot}$ AlOx waveguides by fluorescence and second harmonic generation measurements. Applied Physics Letters, 2007, 91, .	1.5	17
21	Parametric fluorescence in semiconductor waveguides. Comptes Rendus Physique, 2007, 8, 1184-1197.	0.3	3
22	Silica masks for improved surface poling of lithium niobate. Electronics Letters, 2005, 41, 92.	0.5	22