

Grzegorz Hańda

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

92
citations

1684188

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h-index

1720034

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g-index

11
all docs

11
docs citations

11
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonthermal carrier distributions in the subbands of 2-phonon resonance mid-infrared quantum cascade laser. Applied Physics Letters, 2012, 101, 061110.	3.3	31
2	Impact of Injector Doping on Threshold Current of Mid-Infrared Quantum Cascade Laser – Non-Equilibrium Green’s Functions Analysis. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 124-133.	2.9	17
3	Implementation of non-uniform mesh in non-equilibrium Green’s functions simulations of quantum cascade lasers. Journal of Computational Electronics, 2019, 18, 1400-1406.	2.5	16
4	Numerical simulation of GaAs-based mid-infrared one-phonon resonance quantum cascade laser. Optical and Quantum Electronics, 2017, 49, 1.	3.3	7
5	High performance GaAs/AlGaAs quantum cascade lasers: optimization of electrical and thermal properties. , 2012, , .		6
6	Comparison of quantum cascade structures for detection of nitric oxide at $\sim 5.2 \mu\text{m}$. Optical and Quantum Electronics, 2019, 51, 1.	3.3	6
7	Tuning quantum cascade laser wavelength by the injector doping. Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	4
8	Optimization of gain region in mid-IR ($\sim 5 \mu\text{m}$) QCL. Optics Express, 2022, 30, 11660.	3.4	4
9	Quantum-mechanical modeling of nanoelectronic devices. , 2017, , .		1
10	Design of Quantum Double-Barrier Tunnel Structures for THz Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 427-433.	2.9	0
11	Linewidth Broadening in Short-Wavelength Quantum Cascade Lasers. Physical Review Applied, 2022, 17, .	3.8	0