

Dingkai Guo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

122
citations

1937685

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h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum cascade laser based standoff photoacoustic chemical detection. Optics Express, 2011, 19, 20251.	3.4	41
2	Standoff photoacoustic detection of explosives using quantum cascade laser and an ultrasensitive microphone. Applied Optics, 2013, 52, 2626.	1.8	36
3	Analysis of InP Regrowth on Deep-Etched Mesas and Structural Characterization for Buried-Heterostructure Quantum Cascade Lasers. Journal of Electronic Materials, 2012, 41, 506-513.	2.2	15
4	Electrical derivative measurement of quantum cascade lasers. Journal of Applied Physics, 2011, 109, 043105-043105-3.	2.5	12
5	Femtosecond measurements of near-infrared pulse induced mid-infrared transmission modulation of quantum cascade lasers. Applied Physics Letters, 2014, 104, 211101.	3.3	5
6	Low threshold short cavity quantum cascade lasers. Proceedings of SPIE, 2011, , .	0.8	2
7	Quantum cascade laser based standoff photoacoustic detection of explosives using ultra-sensitive microphone and sound reflector. Proceedings of SPIE, 2013, , .	0.8	2
8	Mid-IR optical amplification and detection using quantum cascade lasers. Optics Express, 2013, 21, 30545.	3.4	2
9	Near-infrared induced optical quenching effects on mid-infrared quantum cascade lasers. Applied Physics Letters, 2014, 104, 251102.	3.3	2
10	Widely Tunable Monolithic Mid-Infrared Quantum Cascade Lasers Using Super-Structure Grating Reflectors. Photonics, 2016, 3, 25.	2.0	2
11	Electrical derivative measurement of quantum cascade lasers (QCLs). , 2008, , .		1
12	Integrated widely tunable quantum cascade lasers with super-structure gratings. , 2014, , .		1
13	Heat dissipation consideration of high-power mid-infrared quantum cascade laser arrays. , 2012, , .		1
14	Electrical derivative analysis of leakage current in quantum cascade lasers. , 2009, , .		0