

Artur Trajnerowicz

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

115
citations

1684188

5
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	The Next Generation of IR Spectroscopy: EC-QCL-Based Mid-IR Transmission Spectroscopy of Proteins with Balanced Detection. <i>Analytical Chemistry</i> , 2020, 92, 9901-9907.	6.5	55
2	Direct Au–Au bonding technology for high performance GaAs/AlGaAs quantum cascade lasers. <i>Optical and Quantum Electronics</i> , 2015, 47, 893-899.	3.3	14
3	Switchable double wavelength generating vertical external cavity surface-emitting laser. <i>Optics Express</i> , 2014, 22, 6447.	3.4	12
4	WaterSpy: A High Sensitivity, Portable Photonic Device for Pervasive Water Quality Analysis. <i>Sensors</i> , 2019, 19, 33.	3.8	7
5	Processing of AlGaAs/GaAs quantum-cascade structures for terahertz laser. <i>Journal of Nanophotonics</i> , 2015, 9, 093079.	1.0	6
6	Semiconductor heterostructures for spintronics and quantum information. <i>Comptes Rendus Physique</i> , 2007, 8, 243-252.	0.9	5
7	Impact of strain on periodic gain structures in vertical external cavity surface-emitting lasers. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	4
8	Below-band-gap absorption in undoped GaAs at elevated temperatures. <i>Optical Materials</i> , 2017, 64, 137-141.	3.6	4
9	Development of ($\lambda = 4.4 \mu\text{m}$) GaAs-based quantum cascade lasers. , 2009, , .		2
10	$\text{Al}_{0.45}\text{Ga}_{0.55}\text{As}$ / GaAs -based single-mode distributed-feedback quantum-cascade lasers with surface gratings. <i>Journal of Nanophotonics</i> , 2017, 11, 026004.	1.0	2
11	AlGaAs/GaAs Terahertz Quantum Cascade Laser with Gold-Based Metal – Metal Waveguide. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2017, , 145-149.	0.3	2
12	VECSELs emitting at 976nm designed for second harmonic generation in the blue wavelength region. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
13	$\text{Al}_{0.45}\text{Ga}_{0.55}\text{As}$ /GaAs-based single-mode distributed-feedback quantum-cascade lasers with surface gratings. , 2017, , .		0