

Depopulation mechanism for incoherent terahertz source – THz Torch – based on GaAsBi/GaAs quantum well in GaAs/AlGaAs parabolic quantum well

Karaliunas, Mindaugas; **Udal, Andres**; Valušis, Gintaras Lithuanian journal of physics 2020 / p. 113-124

<https://doi.org/10.3952/physics.v60i2.4226> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High precision parabolic quantum wells grown using pulsed analog alloy grading technique: Photoluminescence probing and fractional-dimensional space approach

Karaliunas, Mindaugas; Dudutiene, Evelina; Čerškus, Aurimas; Pagalys, Justas; Pūkiene, Simona; **Udal, Andres**; Butkute, Renata; Valušis, Gintaras Journal of luminescence 2021 / art. 118321, 9 p <https://doi.org/10.1016/j.jlumin.2021.118321> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Progress in development of the resonant tunneling diodes as promising compact sources at the THz gap bottom

Udal, Andres; Jaanus, Martin; Valušis, Gintaras; Kašalynas, Irmantas; Ikonic, Zoran; Indjin, Dragan THz for CBRN and explosives detection and diagnosis 2017 / p. 169-178 http://doi.org/10.1007/978-94-024-1093-8_20

Recent progress in development of the resonant tunneling diode sources for the critical part of THz gap

Udal, Andres; Jaanus, Martin; Valušis, Gintaras; Kašalynas, Irmantas; Ikonic, Zoran; Indjin, Dragan 4th Annual Conference of COST Action MP1204 & SMMO2016 Conference : Lisbon, Portugal, 21-24 March 2016 / [1] p

Spectral properties of incoherent terahertz torch based on parabolic Ga(As,Bi)/AlGaAs quantum wells

Karaliunas, Mindaugas; Pagalys, Justas; Jakštė, Vytautas; Norkus, Ričardas; Urbanowicz, Andrzej; Devenson, Jan; Devenson, Renata; **Udal, Andres**; Valušis, Gintaras Terahertz Emitters, Receivers, and Applications X : SPIE Optical Engineering + Applacations, 11-15 August 2019, San Diego, California, United States : proceedings SPIE digital library 2019

<https://doi.org/10.1117/12.2528428> Conference proceeding at Scopus Article at Scopus Article at WOS