

Antanas Reklaitis

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

132
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz emission from InAs induced by photo-Dember effect: Hydrodynamic analysis and Monte Carlo simulations. Journal of Applied Physics, 2010, 108, .	2.5	45
2	Crossover between surface field and photo-Dember effect induced terahertz emission. Journal of Applied Physics, 2011, 109, 083108.	2.5	30
3	Monte Carlo investigation of current voltage and avalanche noise in GaN double-drift impact diodes. Journal of Applied Physics, 2005, 97, 043709.	2.5	19
4	High field electron and hole transport in wurtzite InN. Physica Status Solidi (B): Basic Research, 2012, 249, 1566-1570.	1.5	9
5	Monte Carlo study of pulsed terahertz emission from multilayer GaAs/AlGaAs structure. Journal Physics D: Applied Physics, 2013, 46, 145107.	2.8	7
6	Theoretical analysis of conditions for observation of plasma oscillations in semiconductors from pulsed terahertz emission. Journal of Applied Physics, 2014, 116, .	2.5	7
7	Pulsed terahertz emission from GaN/InN heterostructure. Journal of Applied Physics, 2011, 110, 103103.	2.5	3
8	Nonequilibrium optical phonon effect on high-field electron transport in InN. Journal of Applied Physics, 2012, 112, .	2.5	3
9	Terahertz emission from δ -doped GaAs and GaAs/AlGaAs: A comparative Monte Carlo study. Optics Communications, 2014, 321, 90-95.	2.1	3
10	Symmetric bow-tie diode for terahertz detection based on transverse hot-carrier transport. Journal Physics D: Applied Physics, 2020, 53, 275106.	2.8	2
11	Shot noise enhancement and suppression in single- and multiple- barrier diodes. , 2003, , .		1
12	Role of the optical pulse repetition rate in the efficiency of terahertz emitters. Optics Communications, 2016, 371, 221-225.	2.1	1
13	Compact solutions for spectroscopic solid-state-based terahertz imaging systems. , 2017, , .		1
14	ENHANCED SHOT NOISE AND NEGATIVE DIFFERENTIAL CONDUCTANCE IN QUASI-BALLISTIC SINGLE-BARRIER DIODES. , 2001, , .		1
15	Coulomb Suppression of Avalanche Noise in Double-Drift IMPATT Diodes. AIP Conference Proceedings, 2005, , .	0.4	0
16	Reply to "Comment on "Monte Carlo investigation of current, voltage, and avalanche noise in GaN double-drift impact diodes" [J. Appl. Phys. 98, 106102 (2005)]. Journal of Applied Physics, 2005, 98, 106103.	2.5	0
17	Oscillations of electron-hole plasma in terahertz emitters. Lithuanian Journal of Physics, 2016, 55, .	0.4	0