

Delgado Notario, Ja

List of Publications by Year in descending order

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192
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Understanding the Raman Spectrum of Graphene Oxide: The Effect of the Chemical Composition. <i>Coatings</i> , 2020, 10, 524.	1.2	42
2	Asymmetric dual-grating gates graphene FET for detection of terahertz radiations. <i>APL Photonics</i> , 2020, 5, 066102.	3.0	36
3	Nature of the $1/f$ noise in graphene—direct evidence for the mobility fluctuation mechanism. <i>Nanoscale</i> , 2022, 14, 7242-7249.	2.8	25
4	Enhanced terahertz detection of multigate graphene nanostructures. <i>Nanophotonics</i> , 2022, 11, 519-529.	2.9	17
5	Quantum nanoconstrictions fabricated by cryo-etching in encapsulated graphene. <i>Scientific Reports</i> , 2019, 9, 13572.	1.6	16
6	Voltage controlled sub-THz detection with gated planar asymmetric nanochannels. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	13
7	Sub-THz Imaging Using Non-Resonant HEMT Detectors. <i>Sensors</i> , 2018, 18, 543.	2.1	12
8	Responsivity enhancement of a strained silicon field-effect transistor detector at 0.3 THz using the terajet effect. <i>Optics Letters</i> , 2021, 46, 3061.	1.7	10
9	Sub-Micron Gate Length Field Effect Transistors as Broad Band Detectors of Terahertz Radiation. <i>International Journal of High Speed Electronics and Systems</i> , 2016, 25, 1640020.	0.3	9
10	Quantized Electron Transport Through Graphene Nanoconstrictions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1701065.	0.8	8
11	Continuous Wave Terahertz Sensing Using GaN HEMTs. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700607.	0.8	8
12	Improvement of a Terahertz Detector Performance Using the Terajet Effect in a Mesoscale Dielectric Cube: Proof of Concept. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900700.	1.2	7
13	Terahertz spectroscopy of a multilayers flake of graphene. <i>Journal of Physics: Conference Series</i> , 2015, 647, 012040.	0.3	4
14	Effect of the Front and Back Illumination on Sub-Terahertz Detection Using n-Channel Strained-Silicon MODFETs. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5959.	1.3	3
15	Comprehensive characterization of Gunn oscillations in $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}$ planar diodes. <i>Semiconductor Science and Technology</i> , 2020, 35, 115009.	1.0	3
16	Optimization of THz response of strained-Si MODFETs. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 1401-1404.	0.8	2
17	Enhancement of sub-terahertz detection by drain-to-source biasing on strained silicon MODFET devices. <i>Journal of Physics: Conference Series</i> , 2015, 647, 012007.	0.3	2
18	TCAD study of sub-THz photovoltaic response of strained-Si MODFET. <i>Journal of Physics: Conference Series</i> , 2015, 647, 012041.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Terahertz detection and imaging using an uncooled off-the-shelf GaN High Electron Mobility field-effect Transistor. , 2017, , .		2
20	Sub-THz Response of Strained-Silicon MODFETs. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700475.	0.8	2
21	Experimental and theoretical studies of Sub-THz detection using strained-Si FETs. Journal of Physics: Conference Series, 2017, 906, 012003.	0.3	1
22	Numerical Study of the Coupling of Sub-Terahertz Radiation to n-Channel Strained-Silicon MODFETs. Sensors, 2021, 21, 688.	2.1	1
23	Direct detection of 300GHz using commercial GaAs high electron mobility transistors. , 2016, , .		0
24	Asymmetric dual grating gate bilayer graphene FET for detection of terahertz radiation. , 2017, , .		0
25	Fabrication Process of Non-Linear Planar Diodes Based on GaN. , 2018, , .		0
26	Asymmetric Dual Grating Gate Graphene-based THz detectors. , 2019, , .		0
27	Imaging resolution enhancement using terajet effect at 0.3 THz. , 2021, , .		0
28	Electromagnetic Simulation of the Sub-THz Radiation Coupling to n-channel strained-silicon MODFETs. , 2021, , .		0
29	Detection of terahertz radiation using submicron field effect transistors and their use for inspection applications. , 2017, , .		0