

Ahid S Hajo

List of Publications by Year in descending order

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14
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#	ARTICLE	IF	CITATIONS
1	Reliable GaN-Based THz Gunn Diodes With Side-Contact and Field-Plate Technologies. IEEE Access, 2020, 8, 84116-84122.	4.2	19
2	Enhanced Responsivity of ZnSe-Based Metal-Semiconductor-Metal Near-Ultraviolet Photodetector via Impact Ionization. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1700418.	2.4	14
3	Systematic characterization of a 1550-nm microelectromechanical (MEMS)-tunable vertical-cavity surface-emitting laser (VCSEL) with 7.92%THz tuning range for terahertz photomixing systems. Journal of Applied Physics, 2018, 123, .	2.5	8
4	Vertical nanowire contacted THz Schottky detectors based on gallium arsenide for zero-bias operation. , 2017, , .		6
5	A new approach to achieve Gunn effect for GaN based THz sources with high power. , 2019, , .		6
6	Fully Integrated THz Schottky Detectors Using Metallic Nanowires as Bridge Contacts. IEEE Access, 2021, 9, 144046-144053.	4.2	4
7	Zero-bias Schottky diode based THz detectors at room temperature using metallic nanowire. , 2016, , .		2
8	Reliability Improvement of High-Power THz GaN Gunn Sources for Active Imaging Systems. , 2018, , .		2
9	Comparison of Metallic NW and Evaporated Contact for THz Detector Modules Based on an InGaAs Schottky diode. , 2019, , .		2
10	CW THz photomixers at 850 nm and 1550 nm using dielectrophoretic alignment of Ag-nanowire. , 2016, , .		1
11	Carbon nanotube yarns as miniature black-body radiator for broadband terahertz emission. , 2017, , .		1
12	New InGaAs THz Schottky Detectors with Nanowire Contact for Zero-Bias Operation. , 2018, , .		1
13	Integration and characterisation of Schottky diodes with a pre-amplifier for THz applications. , 2020, , .		1
14	Fabrication and characterization of high power Gallium Nitride based terahertz Gunn diodes. , 2020, , .		0