

Shihab Al-Daffaie

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

100
citations

1684188

5
h-index

1872680

6
g-index

25
all docs

25
docs citations

25
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	1-D and 2-D Nanocontacts for Reliable and Efficient Terahertz Photomixers. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 398-405.	3.1	22
2	Direct Near-Field Observation of Surface Plasmon Polaritons on Silver Nanowires. ACS Omega, 2019, 4, 21962-21966.	3.5	13
3	Continuous-wave terahertz emitter with hybrid nanoelectrodes based on graphene and nanowire. OSA Continuum, 2020, 3, 1826.	1.8	8
4	Efficiency enhancement of InGaN/GaN light-emitting diodes with pin-doped GaN quantum barrier. Journal Physics D: Applied Physics, 2017, 50, 035108.	2.8	6
5	Graphene " Nanowire hybrid photomixer for continuous-wave terahertz generation. , 2017, , .		6
6	Design and implementation of a terahertz lens-antenna for a photonic integrated circuits based THz systems. Scientific Reports, 2022, 12, 1476.	3.3	6
7	Nanogrid-based vertically integrated photomixer for continuous wave terahertz generation. , 2012, , .		5
8	Graphene LTG-GaAs photomixer for reliable continuous wave terahertz generation. , 2013, , .		5
9	Electron field emission from nanostructured semiconductors under photo illumination. Turkish Journal of Physics, 2014, 38, 543-562.	1.1	5
10	Graphene Enhanced 2-D Nanoelectrode for Continuous Wave Terahertz Photomixers. , 2018, , .		5
11	Experimental Investigation of Graphene Layers as 2D Nanoelectrode for Continuous Wave Terahertz Generation. , 2019, , .		4
12	Single nanowire photomixer for reliable and high frequency continuous wave terahertz generation. , 2014, , .		2
13	Zero-bias Schottky diode based THz detectors at room temperature using metallic nanowire. , 2016, , .		2
14	1.33 THz room-temperature quantum cascade lasers based on ZnMgSe/ZnSe. , 2017, , .		2
15	High Performance Graphene-Based CW THz Photoconductive Detector. , 2020, , .		2
16	Highly Transparent Graphene Electrodes for CW THz Applications. , 2020, , .		2
17	Fully integrated vertical nanocontact photomixer for continuous-wave terahertz generation. , 2015, , .		1
18	CW THz photomixers at 850 nm and 1550 nm using dielectrophoretic alignment of Ag-nanowire. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	First Demonstration of Continuous Wave Terahertz Radiation from Semi-Insulating GaAs Photomixer with Nanowire. , 2018, , .		1
20	Design and Implementation of a Terahertz Integrated Lens-Antenna for a Nanocontacts Based Photomixer. , 2019, , .		1
21	Terahertz nanodevices for photonic integrated circuits. , 2022, , .		1
22	Resonant tunneling transport in $Zn_xBe_{1-x}Se/ZnSe/Zn_yBe_{1-y}Se$ asymmetric quantum structures. , 2017, , .		0
23	High-frequency photocathode based on CNT-yarn emitter and GaAs photoswitch. , 2018, , .		0
24	Sliver Nanowire Surface Plasmon Polaritons enhancement in Terahertz Nanodevices. , 2019, , .		0
25	Plasmonics in semiconductors and in Ag submicron wires and graphene. Lithuanian Journal of Physics, 2016, 55, .	0.4	0