

Ateeq J Suria

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

165
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Electrical and Thermal Transport in AlGaIn/GaN Heterostructures via Buffer Layer Engineering. <i>Advanced Functional Materials</i> , 2018, 28, 1705823.	14.9	19
2	Thermoelectrics: Tuning Electrical and Thermal Transport in AlGaIn/GaN Heterostructures via Buffer Layer Engineering (<i>Adv. Funct. Mater.</i> 22/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870152.	14.9	3
3	Suppression of Persistent Photoconductivity in AlGaIn/GaN Ultraviolet Photodetectors Using <i>In Situ</i> Heating. <i>IEEE Electron Device Letters</i> , 2017, 38, 56-59.	3.9	68
4	Degradation of 2DEG transport properties in GaN-capped AlGaIn/GaN heterostructures at 600 °C in oxidizing and inert environments. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	9
5	Thickness engineering of atomic layer deposited Al ₂ O ₃ films to suppress interfacial reaction and diffusion of Ni/Au gate metal in AlGaIn/GaN HEMTs up to 600 °C in air. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	12
6	Gallium Nitride Microelectronics for High-Temperature Environments. , 2016, , 395-433.		0
7	DC characteristics of ALD-grown Al ₂ O ₃ /AlGaIn/GaN MIS-HEMTs and HEMTs at 600 °C in air. <i>Semiconductor Science and Technology</i> , 2016, 31, 115017.	2.0	22
8	A microfabricated sun sensor using GaN-on-sapphire ultraviolet photodetector arrays. <i>Review of Scientific Instruments</i> , 2016, 87, 095003.	1.3	16
9	Irradiation Response of Graphene Enhanced Gallium Nitride Metal-Semiconductor-Metal Ultraviolet Photodetectors. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1746, 13.	0.1	1
10	Multilayer etch masks for 3-dimensional fabrication of robust silicon carbide microstructures. , 2015, , .		9
11	Effects of radiation and temperature on gallium nitride (GaN) metal-semiconductor-metal ultraviolet photodetectors. , 2014, , .		5
12	Car Storytelling and Interaction Design. , 0, , .		1