

Evan A Clinton

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

265
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive study of the electronic and optical behavior of highly degenerate p-type Mg-doped GaN and AlGaIn. Journal of Applied Physics, 2015, 117, .	2.5	49
2	Thermal conductance across harmonic-matched epitaxial Al-sapphire heterointerfaces. Communications Physics, 2020, 3, .	5.3	41
3	Control of ion content and nitrogen species using a mixed chemistry plasma for GaN grown at extremely high growth rates $>9 \times 10^4$ m/h by plasma-assisted molecular beam epitaxy. Journal of Applied Physics, 2015, 118, .	2.5	28
4	Negative differential resistance in GaN homojunction tunnel diodes and low voltage loss tunnel contacts. Applied Physics Letters, 2018, 112, .	3.3	27
5	Ultra-wide-bandgap AlGaIn homojunction tunnel diodes with negative differential resistance. Applied Physics Letters, 2019, 115, .	3.3	23
6	InGaIn solar cells with regrown GaN homojunction tunnel contacts. Applied Physics Express, 2018, 11, 082304.	2.4	22
7	A review of the synthesis of reduced defect density $\text{In}_x\text{Ga}_{1-x}\text{N}$ for all indium compositions. Solid-State Electronics, 2017, 136, 3-11.	1.4	19
8	Comprehensive Analysis of Metal Modulated Epitaxial GaN. ACS Applied Materials & Interfaces, 2020, 12, 37693-37712.	8.0	15
9	Beryllium doped semi-insulating GaN without surface accumulation for homoepitaxial high power devices. Journal of Applied Physics, 2020, 127, 215703.	2.5	13
10	Observation and mitigation of RF-plasma-induced damage to III-nitrides grown by molecular beam epitaxy. Journal of Applied Physics, 2019, 126, .	2.5	9
11	The role of Mg bulk hyper-doping and delta-doping in low-resistance GaN homojunction tunnel diodes with negative differential resistance. Journal of Applied Physics, 2019, 126, 083110.	2.5	7
12	Controlling surface adatom kinetics for improved structural and optical properties of high indium content aluminum indium nitride. Journal of Applied Physics, 2020, 127, .	2.5	7
13	Adlayer control for tunable AlGaIn self-assembled superlattices. Journal of Applied Physics, 2021, 130, .	2.5	5