

Benjamin E Gaddy

List of Publications by Year in descending order

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11
papers

769
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysprosium-doped cadmium oxide as a gateway material for mid-infrared plasmonics. Nature Materials, 2015, 14, 414-420.	27.5	216
2	On the origin of the 265-nm absorption band in AlN bulk crystals. Applied Physics Letters, 2012, 100, .	3.3	137
3	Doping and compensation in Al-rich AlGaN grown on single crystal AlN and sapphire by MOCVD. Applied Physics Letters, 2018, 112, .	3.3	107
4	On compensation in Si-doped AlN. Applied Physics Letters, 2018, 112, .	3.3	97
5	Vacancy compensation and related donor-acceptor pair recombination in bulk AlN. Applied Physics Letters, 2013, 103, .	3.3	80
6	The role of the carbon-silicon complex in eliminating deep ultraviolet absorption in AlN. Applied Physics Letters, 2014, 104, .	3.3	59
7	Fermi level control of compensating point defects during metalorganic chemical vapor deposition growth of Si-doped AlGaN. Applied Physics Letters, 2014, 105, 222101.	3.3	47
8	Oxygen and silicon point defects in $\text{Al}_{0.65}\text{In}_{0.35}\text{N}$. Physical Review Materials, 2019, 3, .		
9	Smooth cubic commensurate oxides on gallium nitride. Journal of Applied Physics, 2014, 115, .	2.5	9
10	Effects of alloying and local order in AuNi contacts for Ohmic radio frequency micro electro mechanical systems switches via multi-scale simulation. Journal of Applied Physics, 2013, 113, 203510.	2.5	2
11	Advantages and limitations of UV optoelectronics on AlN substrates. , 2015, , .		0