

Raoul Schlessler

List of Publications by Year in descending order

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papers

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1683354

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docs citations

17
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of vertical Schottky barrier diodes on n-type freestanding AlN substrates grown by hydride vapor phase epitaxy. Applied Physics Express, 2015, 8, 061003.	1.1	51
2	Deep-Ultraviolet Light-Emitting Diodes Fabricated on AlN Substrates Prepared by Hydride Vapor Phase Epitaxy. Applied Physics Express, 2012, 5, 122101.	1.1	114
3	Wet Etching of Bulk AlN Crystals. Materials Research Society Symposia Proceedings, 2006, 955, 1.	0.1	1
4	Current-voltage characteristics of n ⁺ -n lateral polarity junctions in GaN. Applied Physics Letters, 2006, 89, 052117.	1.5	32
5	Growth of Large AlN Single Crystals Along the [0001] Direction. Materials Research Society Symposia Proceedings, 2005, 892, 448.	0.1	3
6	Polarity Control of LP-MOVPE GaN using N ₂ the Carrier Gas. Materials Research Society Symposia Proceedings, 2005, 892, 620.	0.1	2
7	The growth and optical properties of large, high-quality AlN single crystals. Journal of Applied Physics, 2004, 96, 5870-5876.	1.1	92
8	Grain Expansion and Subsequent Seeded Growth of AlN Single Crystals. Materials Research Society Symposia Proceedings, 2004, 831, 1.	0.1	4
9	Polarity Control of GaN Films Grown by Metal Organic Chemical Vapor Deposition on (0001) Sapphire Substrates. Materials Research Society Symposia Proceedings, 2004, 831, 25.	0.1	3
10	HIGH FIELD TRANSPORT IN AlN. International Journal of High Speed Electronics and Systems, 2004, 14, 155-174.	0.3	1
11	Synchrotron white beam x-ray topography (SWBXT) and high resolution triple axis diffraction studies on AlN layers grown on 4H- and 6H-SiC seeds. Materials Research Society Symposia Proceedings, 2004, 831, 631.	0.1	0
12	HIGH FIELD TRANSPORT IN AlN. Selected Topics in Electronics and Systems, 2004, , 155-174.	0.2	0
13	Crucible Selection in AlN Bulk Crystal Growth. Materials Research Society Symposia Proceedings, 2003, 798, 361.	0.1	4
14	Observations of electron velocity overshoot during high-field transport in AlN. Materials Research Society Symposia Proceedings, 2002, 743, L10.2.1.	0.1	0
15	Electron transport in AlN under high electric fields. Materials Research Society Symposia Proceedings, 2001, 693, 666.	0.1	0
16	Growth of AlN bulk crystals from the vapor phase. Materials Research Society Symposia Proceedings, 2001, 693, 780.	0.1	12
17	Hot Electron Transport in AlN. Materials Research Society Symposia Proceedings, 2000, 639, 11331.	0.1	0