

Raoul Schlessler

List of Publications by Year in descending order

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17
papers

319
citations

1683354

5
h-index

1199166

12
g-index

17
all docs

17
docs citations

17
times ranked

431
citing authors

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