

Yoshihiro Kokubun

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,134
citations

840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium Diffusion from MgO Substrates in Sol-gel Derived NiO Epitaxial Films: Effects of Heat Treatment Temperature and Li Doping. Physica Status Solidi (B): Basic Research, 2021, 258, 2100230.	1.5	2
2	Crystal Orientation of Cubic NiO Thin Films Formed on Monoclinic Ga_2O_3 Substrates. Physica Status Solidi (B): Basic Research, 2020, 257, 1900669.	1.5	9
3	Electrical Conductivity Studies in Sol-gel Derived Li Doped NiO Epitaxial Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 2000330.	1.5	5
4	$\text{Ga}_2\text{O}_3/\text{p-type 4H-SiC}$ Heterojunction Diodes and Applications to Deep-UV Photodiodes. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1700796.	1.8	24
5	Crystal orientations of Ga_2O_3 thin films formed on <i>c</i> -plane GaN substrate. Physica Status Solidi (B): Basic Research, 2016, 253, 1217-1221.	1.5	11
6	All-oxide p-n heterojunction diodes comprising p-type NiO and n-type Ga_2O_3 . Applied Physics Express, 2016, 9, 091101.	2.4	137
7	The orientational relationship between monoclinic Ga_2O_3 and cubic NiO. Journal of Crystal Growth, 2016, 445, 73-77.	1.5	18
8	NiO films grown epitaxially on MgO substrates by sol-gel method. Thin Solid Films, 2016, 601, 76-79.	1.8	20
9	Crystal orientations of Ga_2O_3 thin films formed on <i>n</i> -plane sapphire substrates. Physica Status Solidi (B): Basic Research, 2015, 252, 2117-2122.	1.5	0
10	Crystal orientations of Ga_2O_3 thin films formed on <i>m</i> -plane and <i>r</i> -plane sapphire substrates. Physica Status Solidi (B): Basic Research, 2015, 252, 612-620.	1.5	13
11	Cross-sectional TEM imaging of Ga_2O_3 thin films formed on <i>c</i> -plane and <i>a</i> -plane sapphire substrates. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1738-1744.	1.8	21
12	Deep ultraviolet photodiodes based on $\text{Ga}_2\text{O}_3/\text{SiC}$ heterojunction. Applied Physics Letters, 2013, 103, .	3.3	193
13	Cross-sectional TEM imaging of Ga_2O_3 thin films formed on <i>c</i> -plane and <i>a</i> -plane sapphire substrates (Phys. Status Solidi A 94(2013)). Physica Status Solidi (A) Applications and Materials Science, 2013, 210, .	1.8	10
14	Sol-gel prepared $(\text{Ga}_x\text{In}_{1-x})_2\text{O}_3$ thin films for solar-blind ultraviolet photodetectors. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1741-1745.	1.8	68
15	Enhancement of responsivity in solar-blind Ga_2O_3 photodiodes with a Au Schottky contact fabricated on single crystal substrates by annealing. Applied Physics Letters, 2009, 94, .	3.3	217
16	Sol-gel prepared Ga_2O_3 thin films for ultraviolet photodetectors. Applied Physics Letters, 2007, 90, 031912.	3.3	376
17	Large Voltage Response of Novel Diode of Pt-TiO ₂ -SiC Structure to Hydrogen Gas. Electrochemistry, 2003, 71, 394-397.	1.4	7
18	Hydrogen Gas Response of Pt-thin SiO ₂ -SiC Schottky Diode in the Presence of Oxygen. Electrochemistry, 2002, 70, 174-177.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Electrical Properties of Beta-Irondisilicide/Germanium Heterojunctions. Materials Research Society Symposia Proceedings, 2002, 722, 931.	0.1	0