

Charlotte Wouters

List of Publications by Year in descending order

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papers

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319
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular beam epitaxy of single-crystalline bixbyite Ga_2O_3 thin films on Al_2O_3 substrates grown by MOVPE. Applied Physics Letters, 2020, 116, .	2.4	5
2	Impact of chamber pressure and Si-doping on the surface morphology and electrical properties of homoepitaxial (100) Ga_2O_3 thin films grown by MOVPE. Journal Physics D: Applied Physics, 2021, 54, 034003.	2.8	26
3	Comment on "Phase transformation in MOCVD growth of $\text{Al}_x\text{Ga}_{1-x}\text{Ga}_2\text{O}_3$ thin films". APL Mater. 8, 031104 (2020). APL Materials, 2020, 8, 089101.	5.1	5
4	Step flow growth of Ga_2O_3 thin films on vicinal (100) Ga_2O_3 substrates grown by MOVPE. Applied Physics Letters, 2020, 116, .	3.3	59
5	Substrate-orientation dependence of Ga_2O_3 (100), (010), (001), and (2 \times 01) homoepitaxy by indium-mediated metal-exchange catalyzed molecular beam epitaxy (MEXCAT-MBE). APL Materials, 2020, 8, .	5.1	80
6	Control of phase formation of $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ thin films on c-plane Al_2O_3 . Journal Physics D: Applied Physics, 2020, 53, 485105.	2.8	24
7	Investigating the ranges of (meta)stable phase formation in Ga_2O_3 thin films on Al_2O_3 substrates. Physical Review Materials, 2020, 4, .	2.4	12
8	In situ Transmission Electron Microscopy Annealing for Crystallization and Phase Stability Studies in the Ga_2O_3 - In_2O_3 System. Microscopy and Microanalysis, 2019, 25, 1890-1891.	0.4	0
9	Indium incorporation in homoepitaxial Ga_2O_3 thin films grown by metal organic vapor phase epitaxy. Journal of Applied Physics, 2019, 125, .	2.5	14
10	Influence of 2s Bloch wave state excitations on quantitative HAADF STEM imaging. Physical Review B, 2019, 100, .	3.2	1
11	Step-flow growth in homoepitaxy of Ga_2O_3 (100) "The influence of the miscut direction and faceting. APL Materials, 2019, 7, .	5.1	73
12	Faceting and metal-exchange catalysis in (010) Ga_2O_3 thin films homoepitaxially grown by plasma-assisted molecular beam epitaxy. APL Materials, 2019, 7, .	5.1	53