

Tao Zhang

List of Publications by Year in descending order

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papers

66
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1684188
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citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of O ₂ pulse on the In^{2+} -Ga ₂ O ₃ films deposited by pulsed MOCVD. <i>Ceramics International</i> , 2022, 48, 8268-8275.	4.8	6
2	Investigation of the surface optimization of In^{2+} -Ga ₂ O ₃ films assisted deposition by pulsed MOCVD. <i>Scripta Materialia</i> , 2022, 213, 114623.	5.2	2
3	Investigation on high quality ultra-wide band gap In^{2+} -Ga ₂ O ₃ /AlN heterostructure grown by metal organic chemical vapor deposition. <i>Semiconductor Science and Technology</i> , 2022, 37, 095004.	2.0	5
4	Effects of growth pressure on the characteristics of the In^{2+} -Ga ₂ O ₃ thin films deposited on (0001) sapphire substrates. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105572.	4.0	19
5	Investigation on the In^{2+} -Ga ₂ O ₃ deposited on off-angled sapphire (0001) substrates. <i>Journal of Luminescence</i> , 2021, 233, 117928.	3.1	9
6	Influence of Oxygen on In^{2+} -Ga ₂ O ₃ Films Deposited on Sapphire Substrates by MOCVD. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 075009.	1.8	4
7	Research on the crystal phase and orientation of Ga ₂ O ₃ Hetero-epitaxial film. <i>Superlattices and Microstructures</i> , 2021, 159, 107053.	3.1	3
8	Effect of Temperature on the Structural and Optical Properties of Ga ₂ O ₃ Thin Films Grown on m-plane Sapphire Substrates by Low-Pressure MOCVD. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 065009.	1.8	5
9	Comparison of Ga ₂ O ₃ Films Grown on m- and r-plane Sapphire Substrates by MOCVD. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 125008.	1.8	1
10	The Investigation of Hybrid PEDOT:PSS/ In^{2+} -Ga ₂ O ₃ Deep Ultraviolet Schottky Barrier Photodetectors. <i>Nanoscale Research Letters</i> , 2020, 15, 163.	5.7	11
11	Heterogrowth of In^{2+} -(Al _x Ga _{1-x}) ₂ O ₃ Thin Films on Sapphire Substrates. <i>Crystal Growth and Design</i> , 0, , .	3.0	1