

# Tao Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9245184/publications.pdf>

Version: 2024-02-01

11  
papers

66  
citations

1684188  
5  
h-index

1588992  
8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

34  
citing authors

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