

# Zhe Jian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11864472/publications.pdf>

Version: 2024-02-01

6  
papers

81  
citations

1684188  
5  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of atmospheric plasma activated direct bonding of N-polar GaN and $\hat{I}^2$ -Ga <sub>2</sub> O <sub>3</sub> (001) substrates. Applied Physics Letters, 2022, 120, .	3.3	2
2	Characterization of MOCVD-grown AlSiO gate dielectric on $\hat{I}^2$ -Ga <sub>2</sub> O <sub>3</sub> (001). Applied Physics Letters, 2021, 118, .	3.3	10
3	Investigation and optimization of HfO <sub>2</sub> gate dielectric on N-polar GaN: Impact of surface treatments, deposition, and annealing conditions. Applied Physics Letters, 2021, 119, .	3.3	9
4	Design of ultra-scaled-channel N-polar GaN HEMTs with high charge density: A systematic study of hole traps and their impact on charge density in the channel. Journal of Applied Physics, 2020, 128, .	2.5	5
5	Deep UV-assisted capacitance–voltage characterization of post-deposition annealed Al <sub>2</sub> O <sub>3</sub> / $\hat{I}^2$ -Ga <sub>2</sub> O <sub>3</sub> (001) MOSCAPs. Applied Physics Letters, 2020, 116, .	3.3	14
6	Temperature-dependent current-voltage characteristics of $\hat{I}^2$ -Ga <sub>2</sub> O <sub>3</sub> trench Schottky barrier diodes. Applied Physics Letters, 2020, 116, .	3.3	41