

# Zongquan Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4030530/publications.pdf>

Version: 2024-02-01

10  
papers

571  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Power conversion efficiency exceeding the Shockleyâ€œQueisser limit in a ferroelectric insulator. Nature Photonics, 2016, 10, 611-616.	31.4	335
2	Resonant domain-wall-enhanced tunable microwave ferroelectrics. Nature, 2018, 560, 622-627.	27.8	82
3	Mesoscopic Free Path of Nonthermalized Photogenerated Carriers in a Ferroelectric Insulator. Physical Review Letters, 2017, 118, 096601.	7.8	50
4	On optical properties of GaAs and GaAs/AlGaAs core-shell periodic nanowire arrays. Journal of Applied Physics, 2011, 109, 064314.	2.5	47
5	Enhanced Stability and Thicknessâ€œIndependent Oxygen Evolution Electrocatalysis of Heterostructured Anodes with Buried Epitaxial Bilayers. Advanced Energy Materials, 2019, 9, 1803846.	19.5	18
6	Surface Chemically Switchable Ultraviolet Luminescence from Interfacial Two-Dimensional Electron Gas. Nano Letters, 2016, 16, 681-687.	9.1	11
7	van der Waals epitaxy of highly (111)-oriented BaTiO3 on MXene. Nanoscale, 2019, 11, 622-630.	5.6	7
8	The Observation of Domainâ€œWall Current Transients Along with Charge Injection at Elevated Temperatures. Advanced Electronic Materials, 2019, 5, 1800879.	5.1	7
9	Giant enhancement in the ferroelectric field effect using a polarization gradient. Applied Physics Letters, 2015, 107, 162901.	3.3	2
10	Reply to 'Reconsidering the Shockleyâ€œQueisser limit of a ferroelectric insulator device'. Nature Photonics, 2017, 11, 330-330.	31.4	2