

# Jiarui Gong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5891212/publications.pdf>

Version: 2024-02-01

10  
papers

197  
citations

1163117

8  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	226-nm AlGaIn/AlN UV LEDs using p-type Si for hole injection and UV reflection. Applied Physics Letters, 2018, 113, .	3.3	59
2	229-nm UV LEDs on aluminum nitride single crystal substrates using p-type silicon for increased hole injection. Applied Physics Letters, 2018, 112, .	3.3	52
3	Reduction of Leakage Current in GaN Schottky Diodes Through Ultraviolet/Ozone Plasma Treatment. IEEE Electron Device Letters, 2019, 40, 1796-1799.	3.9	18
4	P-type silicon as hole supplier for nitride-based UVC LEDs. New Journal of Physics, 2019, 21, 023011.	2.9	16
5	AlGaIn/GaN Schottky-Gate HEMTs With UV/O <sub>3</sub> -Treated Gate Interface. IEEE Electron Device Letters, 2020, 41, 1488-1491.	3.9	13
6	Influences of screw dislocations on electroluminescence of AlGaIn/AlN-based UVC LEDs. AIP Advances, 2019, 9, .	1.3	11
7	Fabrication of AlGaAs/GaAs/diamond heterojunctions for diamond-collector HBTs. AIP Advances, 2020, 10, .	1.3	11
8	Metal-Al <sub>2</sub> O <sub>3</sub> -GaN capacitors with an ultraviolet/ozone plasma-treated interface. Japanese Journal of Applied Physics, 2020, 59, 030908.	1.5	8
9	Influences of ALD Al <sub>2</sub> O <sub>3</sub> on the surface band-bending of c-plane, Ga-face GaN. Japanese Journal of Applied Physics, 2022, 61, 011003.	1.5	7
10	Toward Diamond-Collector Heterojunction Bipolar Transistors via grafted GaAs-Diamond n-p junction. , 2019, , .		2