

Wonjong Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Template-Assisted Scalable Nanowire Networks. Nano Letters, 2018, 18, 2666-2671.	4.5	92
2	Bistability of Contact Angle and Its Role in Achieving Quantum-Thin Self-Assisted GaAs nanowires. Nano Letters, 2018, 18, 49-57.	4.5	62
3	Engineering the Size Distributions of Ordered GaAs Nanowires on Silicon. Nano Letters, 2017, 17, 4101-4108.	4.5	47
4	Doping challenges and pathways to industrial scalability of III-V nanowire arrays. Applied Physics Reviews, 2021, 8, .	5.5	32
5	Optimizing the yield of A-polar GaAs nanowires to achieve defect-free zinc blende structure and enhanced optical functionality. Nanoscale, 2018, 10, 17080-17091.	2.8	31
6	III-V Integration on Si(100): Vertical Nanospades. ACS Nano, 2019, 13, 5833-5840.	7.3	24
7	Measuring the Optical Absorption of Single Nanowires. Physical Review Applied, 2020, 14, .	1.5	19
8	Simultaneous Selective Area Growth of Wurtzite and Zincblende Self-Catalyzed GaAs Nanowires on Silicon. Nano Letters, 2021, 21, 3139-3145.	4.5	18
9	Highly sensitive piezotronic pressure sensors based on undoped GaAs nanowire ensembles. Journal Physics D: Applied Physics, 2019, 52, 294002.	1.3	15
10	Remote Doping of Scalable Nanowire Branches. Nano Letters, 2020, 20, 3577-3584.	4.5	13
11	Time-resolved open-circuit conductive atomic force microscopy for direct electromechanical characterisation. Nanotechnology, 2020, 31, 404003.	1.3	11
12	Anisotropic-Strain-Induced Band Gap Engineering in Nanowire-Based Quantum Dots. Nano Letters, 2018, 18, 2393-2401.	4.5	10
13	GaAs nanowires on Si nanopillars: towards large scale, phase-engineered arrays. Nanoscale Horizons, 2022, 7, 211-219.	4.1	4
14	Nanoscale Mapping of Light Emission in Nanospade-Based InGaAs Quantum Wells Integrated on Si(100): Implications for Dual Light-Emitting Devices. ACS Applied Nano Materials, 2022, 5, 5508-5515.	2.4	0