

Wonjong Kim

List of Publications by Year in descending order

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