

Megan Hill

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

932766

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1372195

10
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11
all docs

11
docs citations

11
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Template-Assisted Scalable Nanowire Networks. Nano Letters, 2018, 18, 2666-2671.	4.5	92
2	Measuring Three-Dimensional Strain and Structural Defects in a Single InGaAs Nanowire Using Coherent X-ray Multiangle Bragg Projection Ptychography. Nano Letters, 2018, 18, 811-819.	4.5	80
3	Tuning Lasing Emission toward Long Wavelengths in GaAs-(In,Al)GaAs Core-Shell Multishell Nanowires. Nano Letters, 2018, 18, 6292-6300.	4.5	43
4	Strain Mapping of CdTe Grains in Photovoltaic Devices. IEEE Journal of Photovoltaics, 2019, 9, 1790-1799.	1.5	20
5	Multimodal X-ray imaging of grain-level properties and performance in a polycrystalline solar cell. Journal of Synchrotron Radiation, 2019, 26, 1316-1321.	1.0	20
6	Lateral Temperature-Gradient Method for High-Throughput Characterization of Material Processing by Millisecond Laser Annealing. ACS Combinatorial Science, 2016, 18, 548-558.	3.8	19
7	Correlated Chemical and Electrically Active Dopant Analysis in Catalyst-Free Si-Doped InAs Nanowires. ACS Nano, 2018, 12, 1603-1610.	7.3	13
8	Remote Doping of Scalable Nanowire Branches. Nano Letters, 2020, 20, 3577-3584.	4.5	13
9	Correlated Nanoscale Analysis of the Emission from Wurtzite versus Zincblende (In,Ga)As/GaAs Nanowire Core-Shell Quantum Wells. Nano Letters, 2019, 19, 4448-4457.	4.5	11
10	High resolution strain mapping of a single axially heterostructured nanowire using scanning X-ray diffraction. Nano Research, 2020, 13, 2460-2468.	5.8	11
11	Charge confining mechanisms in III-V semiconductor nanowire. , 2019, , .		0