

Megan Hill

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

322
citations

932766

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1372195

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11
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11
times ranked

693
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | High resolution strain mapping of a single axially heterostructured nanowire using scanning X-ray diffraction. Nano Research, 2020, 13, 2460-2468. | 5.8 | 11 |
| 2 | Remote Doping of Scalable Nanowire Branches. Nano Letters, 2020, 20, 3577-3584. | 4.5 | 13 |
| 3 | Strain Mapping of CdTe Grains in Photovoltaic Devices. IEEE Journal of Photovoltaics, 2019, 9, 1790-1799. | 1.5 | 20 |
| 4 | 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 |
| 5 | Charge confining mechanisms in III-V semiconductor nanowire. , 2019, , . | | 0 |
| 6 | 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 |
| 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 | 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 |
| 9 | Template-Assisted Scalable Nanowire Networks. Nano Letters, 2018, 18, 2666-2671. | 4.5 | 92 |
| 10 | Tuning Lasing Emission toward Long Wavelengths in GaAs-(In,Al)GaAs Core-Shell Multishell Nanowires. Nano Letters, 2018, 18, 6292-6300. | 4.5 | 43 |
| 11 | 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 |