Resource Summary Report

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Arizona State University Knowledge Enterprise Solar Fab Core Facility

RRID:SCR_028571
Type: Tool

Proper Citation

Arizona State University Knowledge Enterprise Solar Fab Core Facility (RRID:SCR_028571)

Resource Information

URL: https://cores.research.asu.edu/solar-fab

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Description: Core offers solar cell fabrication, characterization and testing capabilities. Additional services include making modules and performing reliability testing. Core is designed with industrial compatibility in mind. Although fabrication on smaller substrates or even pieces is possible, the native substrate form factor is currently 156 mm silicon. New equipment is being selected to maintain compatibility with evolving solar manufacturing sizes (e.g., M12 = 295 mm diagonal). Supported technology thrusts reinforce industry relevance. Considering solely silicon technology, architectures researched include Al BSF, PERC, SHJ and various tandems, predominantly silicon-based with a perovskite top cell.

Synonyms: ASU KE CORE FACILITIES SOLARFAB, Solar Fab, Arizona State University Knowledge Enterprise Solar Fab Core

Resource Type: access service resource, core facility, service resource

Keywords: nanofabrication, semiconductor processing, solar cells, Solar cells fabrication, solar cell characterization & testing

Availability: Restricted

Resource Name: Arizona State University Knowledge Enterprise Solar Fab Core Facility

Resource ID: SCR_028571

Alternate IDs: ABRF_5995

Alternate URLs: https://coremarketplace.org/RRID:SCR_028571/?citation=1

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Ratings and Alerts

No rating or validation information has been found for Arizona State University Knowledge Enterprise Solar Fab Core Facility.

No alerts have been found for Arizona State University Knowledge Enterprise Solar Fab Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.