



MRS Proceedings Amorphous and Polycrystalline Thin-Film Silicon Science and Technology - 2011: Volume 1321 (Hardback)

By -

Materials Research Society, United States, 2011. Hardback. Condition: New. Language: English. Brand new Book. Among various applications, solar cells for photovoltaic solar energy and thin-film transistors for flat-panel display have been the two major driving forces for research and development of thin-film silicon materials and devices. In the last few years, the thin-film silicon community has mainly focused on thin-film silicon solar cells to address the issues of efficiency, manufacturing capability and manufacturing cost. This volume includes sixty-eight papers presented at Symposium A, 'Amorphous and Polycrystalline Thin-Film Silicon Science and Technology - 2011', which took place April 25-29, during the 2011 MRS Spring Meeting in San Francisco, California. The symposium covered the science and technology of thin-film silicon-based materials, reviewed recent progress, addressed the scientific and technical issues in the field and, this year, focused sessions were held on the topic of solar cell efficiency.



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