1. Record Nr. UNISA996397035103316

Autore	Knowles William
Titolo	A serious call to obstinate sinners, or A sounding trumpet to the unconverted [[electronic resource]] : Laying forth the danger of living in sin, and delay od repentance. Which may be a warning-blow for wicked men to forsake sin, and to turn to God unfeignedly. By William Knowles
Pubbl/distr/stampa	London, : printed by H.B. for W. Thackeray at the Angel in Duck-Lane, 1684
Descrizione fisica	[24] p
Soggetti	Repentance Judgement Day
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Signatures: AB. Reproduction of the original at the Magdalene College Library, Cambridge.
Sommario/riassunto	eebo-0085

2. Record Nr. UNINA9910702855303321

Autore	Sopori Bhushan Lal
Titolo	Performance limitations of mc-Si solar cells caused by defect clusters [[electronic resource]] : preprint / / B. Sopori ... [and others]
Pubbl/distr/stampa	Golden, CO : , : National Renewable Energy Laboratory, , [2009]
Descrizione fisica	10 pages : digital, PDF file
Collana	Conference paper NREL/CP ; ; 520-45012
Soggetti	Solar cells - Defects Photovoltaic cells - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed April 2009). "February 2009." "To be presented at Semicon China 2009, Shanghai, China, March 17-19, 2009."
Sommario/riassunto	Multicrystalline silicon wafers used for solar cells exhibit defect clusters--localized crystal defects in and near grains of some specific orientations. Defect clusters are also dominant sites for impurity precipitation, and they remain ungettered and unpassivated through the solar cell processing. This paper describes characteristics of defect clusters, and shows, through theory and experiment, that defect clusters typically lower cell efficiency by 3 to 4 absolute percentage points. To recover this efficiency loss, it is necessary to getter precipitated impurities.