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Titolo	Advances in Solar Power Generation and Energy Harvesting : Select Proceedings of ESPGEH 2019 / / edited by Vinod Kumar Jain, Vikram Kumar, Abhishek Verma
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Nota di contenuto	Optimization of Ag NPs Fabrication Using RTP for Polycrystalline Solar Cell Application -- Aligned Zinc Oxide Nanostructures for Dye Sensitized Solar Cells -- Investigation of Heat Transfer Characteristics of Al2O3-embedded Magnesium Nitrate Hexahydrate based Nanocomposites for Thermal Energy Storage -- Theoretical analysis of temperature dependent electrical parameters of Si solar cell integrated with carbon based thermal cooling layer -- Studies of MWCNT-PEDOT -- Improving Thermal Comfort in Helmet Using Phase Change Nano composite Material -- Impact of Light and Elevated Temperature. .
Sommario/riassunto	This book contains selected and peer-reviewed papers presented at the International Conference on Efficient Solar Power Generation and Energy Harvesting (ESPGEH 2019). The primary focus of the book is on

latest advances and scientific developments in the field of solar energy. The book covers various topics such as solar photovoltaics, solar energy harvesting, smart materials for energy applications, hybrid renewable energy plant, and on-grid and off-grid power plant. The book also discusses current techniques to produce energy-efficient solar cells, emerging materials and processes to develop cost-effective solar cells, and different issues in energy management. Given the scope of the contents, this book will be of interest for researchers, professionals as well as policy makers.