1. Record Nr. UNINA9910707484603321

Autore	Miller David C (David Carl), <1975->
Titolo	Degradation of silicone encapsulants in CPV optics : preprint / / David C. Miller [and three others]
Pubbl/distr/stampa	Golden, CO : , : National Renewable Energy Laboratory, , 2016
Descrizione fisica	1 online resource (4 pages) : color illustrations
Collana	NREL/CP ; ; 5J00-65895
Soggetti	Photovoltaic power systems - Design and construction Photovoltaic power systems - Materials - Deterioration - Research Polymeric composites Renewable energy sources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 2016." Title from title screen (viewed on Aug. 9, 2016). "Presented at the 2016 IEEE Photovoltaic Specialist Conference (PVSC), Portland, Oregon, June 5-10, 2016."
Nota di bibliografia	Includes bibliographical references (page 4).

2. Record Nr. UNINA9910557494003321

Autore	Nishiwaki Nagatoshi
Titolo	Nitro Compounds and Their Derivatives in Organic Synthesis
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (120 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Nitro chemistry plays an important role in organic synthesis to construct new frameworks. This is due to the diverse properties of the nitro group. The strong electron-withdrawing ability of the nitro group reduces the electron density of the scaffold, facilitating reactions with nucleophiles or electron transfer. In addition, the -hydrogen of the nitro group is highly acidic, giving a stable anion, which facilitates reactions with both electrophilic and nucleophilic reagents. In addition, the nitro group also serves as a good leaving group, which facilitates transformation to a wide variety of functional groups. Despite the substantial contributions of many researchers, nitro chemistry is still an exciting and challenging research area. This book brings together recent original research and review articles contributed by an international team of leading experts and pioneers in organic synthesis using nitro groups. It is sure to provide useful information and promising insights for researchers.