Analysis of grain orientation and defects in Sb2Se3 solar cells fabricated by close-spaced sublimation : [journal article]
Krautmann, Robert; **Spalatu, Nicolae**; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; **Krunks, Malle**; **Oja Acik, Ilona** Solar energy 2021 / p. 494-500 https://doi.org/10.1016/j.solener.2021.07.022 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Au/Ga2O3/ZnO heterostructure nanorods arrays for effective photoelectrochemical water splitting
Abdalla, Akram; Khan, Ibrahim; Sohail, Manzar; Qurash, Ansanulhaq Solar energy 2019 / p. 333-338 : ill https://doi.org/10.1016/j.solener.2019.01.065 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cu(In,Ga)Se2 monograin powders with different Ga content for solar cells
Timmo, Kristi; **Kauk-Kuusik, Marit**; **Pilvet, Maris**; **Altosaar, Mare**; **Grossberg, Maarja**; **Danilson, Mati**; **Kaupmees, Reelika**; **Mikli, Valdek**; **Raudoja, Jaan**; **Varema, Tiit** Solar energy 2018 / p. 648–655 : ill https://doi.org/10.1016/j.solener.2018.10.078 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrical characterization of all-layers-sprayed solar cell based on ZnO nanorods and extremely thin CIS absorber
Kärber, Erki; **Katerski, Atanas**; **Krunks, Malle** Solar energy 2013 / p. 48-58 : ill

Fast dynamic processes of solar radiation
Tomson, Teolan Solar energy 2010 / p. 318-323 : ill

Hourly consumption profiles of domestic hot water for different occupant groups in dwellings
Ahmed, Kaiser; Pylsy, Petri; **Kurnitski, Jarek** Solar energy 2016 / p. 516-530 : ill http://dx.doi.org/10.1016/j.solener.2016.08.033

Large area bar coated TiO2 electron transport layers for perovskite solar cells with excellent performance homogeneity
Mandati, Sreekanth; Dileep, K. Reshma; Veerappan, Ganapathy; Ramasamy, Easwaramoorthi Solar Energy 2022 / p. 258-268 https://doi.org/10.1016/j.solener.2022.04.060

MPPT performance enhancement of low-cost PV microconverters
Vinnikov, Dmitri; **Chub, Andrii**; **Korkh, Oleksandr**; **Liivik, Elizaveta**; Blaabjerg, Frede; Kouro, Samir Solar energy 2019 / p. 156-166 : ill https://doi.org/10.1016/j.solener.2019.05.024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A non-vacuum dip coated SiO2 interface layer for fabricating CIGS solar cells on stainless steel foil substrates
Misra, Prashant; Atchuta, S. R.; **Mandati, Sreekanth**; Sarada, Bulusu V.; Rao, Tata Naransinga; Sakthivel, S. Solar energy 2021 / p. 471−477 : ill https://doi.org/10.1016/j.solener.2020.12.007

One-source PVD of n-CuIn5Se8 photoabsorber films for hybrid solar cells
Bereznev, Sergei; **Adhikari, Nirmal**; **Kois, Julia**; **Raadik, Taavi**; **Traksmaa, Rainer**; **Volobujeva, Olga**; **Kouhiisfahani, Elham**; **Öpik, Andres** Solar energy 2013 / p. 202-208 : ill

A self-rechargeable and flexible polymer solar battery
Dennler, G.; **Bereznev, Sergei**; **Meissner, Dieter**; **Mellikov, Enn**; **Öpik, Andres** Solar energy 2007 / 8, p. 947-957 https://www.sciencedirect.com/science/article/pii/S0038092X07000424

Short-term variability of solar radiation
Tomson, Teolan; Tamm, Gunnar Solar energy 2006 / 5, p. 600-606 : ill

Study of (AgxCu1−x)2ZnSn(S,Se)4 monograins synthesized by molten salt method for solar cell applications
Oueslati, Souhaib; **Kauk-Kuusik, Marit**; Neubauer, Christian; **Mikli, Valdek**; **Meissner, Dieter**; Brammertz, Guy; Vermang, B.; **Krustok, Jüri**; **Grossberg, Maarja** Solar energy 2020 / p. 586-595 https://doi.org/10.1016/j.solener.2020.02.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Study of Zn(O,S) films grown by aerosol assisted chemical vapour deposition and their application as buffer layers in Cu(In,Ga)(S,Se)$_2$ solar cells
Kriisa, Merike; Saez-Araoz, Rodrigo; **Kärber, Erki**; **Krunks, Malle** Solar energy 2015 / p. 562-568 : ill http://dx.doi.org/10.1016/j.solener.2015.02.046

ZnS buffer layer for Cu$_2$ZnSn(SSe)$_4$ monograin layer solar cell
Nguyen, Mai; Ernits, Kaia; **Meissner, Dieter** Solar energy 2015 / p. 344-349 : ill http://dx.doi.org/10.1016/j.solener.2014.11.006

Temperature dependence of Cu2ZnSn(SexS1-x)4 monograin solar cells
Krustok, Jüri; **Josepson, Raavo**; **Danilson, Mati**; **Meissner, Dieter** Solar energy 2010 / 3, p. 379-383 : ill

The effect of S/Se ratio on the properties of Cu2CdGe(SxSe1−x)4 microcrystalline powders for photovoltaic applications
Li, Xiaofeng; **Pilvet, Maris**; **Timmo, Kristi**; **Grossberg, Maarja**; **Mikli, Valdek**; **Kauk-Kuusik, Marit** Solar energy 2020 / p. 646−652 : ill https://doi.org/10.1016/j.solener.2020.09.045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at

WOS

Two-dimensional CuIn1-xGaxSe2 nano-flakes by pulse electrodeposition for photovoltaic applications
Mandati, Sreekanth; Dey, Suhash R.; Joshi, Shrikant V.; Sarada, Bulusu V. Solar energy 2019 / p. 396−404
https://doi.org/10.1016/j.solener.2019.02.022