

Efficiency enhancement of Cu₂ZnSnS₄ monograin layer solar cells via absorber post-growth treatments

Timmo, Kristi; Dolcet Sadurni, Marc; Pilvet, Maris; Muska, Katri; Altosaar, Mare; Mikli, Valdek; Atlan, Fabien; Guc, Maxim; Izquierdo-Roca, Victor; **Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit** Solar energy materials and solar cells 2023 / art. 112090 <https://doi.org/10.1016/j.solmat.2022.112090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of sulfur source on growth of in-air sprayed ultrathin film Sb₂S₃ for enhanced solar cell performance

Asare, Ernest A.; Katerski, Atanas; Kriisa, Merike; Josepson, Raavo; Rotaru, Victoria; Guc, Maxim; Payno Zarceno, David; **Navarro-Güell, Alejandro;** Grzibovskis, Raitis; Vembris, Aivars; **Spalatu, Nicolae; Krunks, Malle; Oja Acik, Ilona** ACS applied materials & interfaces 2025 / p. 64753-64770 <https://doi.org/10.1021/acsami.5c17869>

To grind or not to grind? The influence of mechanical and thermal treatments on the Cu/Zn disorder in Cu₂ZnSn(SxSe1-x)₄ monograins

Gurieva, Galina; Rotaru, Victoria; Ernits, Kaia; Siminel, Nichita A.; Manjón-Sanz, Alicia; Kirkham, Melanie J.; Perez-Rodriguez, Alejandro; Guc, Maxim; **Meissner, Dieter;** Schorr, Susan Solar Energy Materials and Solar Cells 2022 / Art. 112009 <https://doi.org/10.1016/j.solmat.2022.112009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)