

#### **Effect of germanium incorporation on the properties of kesterite $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ monograins**

**Oueslati, Souhaib**; Grossberg, Maarja; **Kauk-Kuusik, Marit**; Mikli, Valdek; Ernits, Kaia; Meissner, Dieter; Krustok, Jüri Thin solid films 2019 / p. 315–320 : ill <https://doi.org/10.1016/j.tsf.2018.11.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Growth and characterization of $\text{Cu}_2\text{Zn}_{1-x}\text{Fe}_x\text{SnS}_4$ thin films for photovoltaic applications**

Trifiletti, Vanira; Tseberlidis, Giorgio; Colombo, Mario; Spinardi, Alberto; Luong, Sally; **Danilson, Mati**; **Grossberg, Maarja**; Fenwick, Oliver; Binetti, Simona Materials 2020 / art. 1471, 13 p. : ill <https://doi.org/10.3390/ma13061471> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Photoluminescence study of deep donor- deep acceptor pairs in $\text{Cu}_2\text{ZnSnS}_4$**

**Krustok, Jüri**; **Raadik, Taavi**; **Grossberg, Maarja**; **Kauk-Kuusik, Marit**; Trifiletti, V.; Binetti, S. Materials science in semiconductor processing 2018 / p. 52-55 : ill <https://doi.org/10.1016/j.mssp.2018.02.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Routes to develop a $[\text{S}]/([\text{S}]+[\text{Se}])$ gradient in wide band-gap $\text{Cu}_2\text{ZnGe}(\text{S},\text{Se})_4$ thin-film solar cells**

Ruiz-Perona, Andrea; Gurieva, Galina; Sun, Michael; Kodalle, Tim; Sanchez, Yudania; **Grossberg, Maarja**; Merino, Jose Manuel; Schorr, Susan; Leon, Maximo; Caballero, Raquel Journal of alloys and compounds 2021 / art. 159253, 9 p. : ill <https://doi.org/10.1016/j.jallcom.2021.159253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Study of $(\text{Ag}_x\text{Cu}_{1-x})_2\text{ZnSn}(\text{S},\text{Se})_4$ 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](#)