

### **A novel thermochemical metal halide treatment to high-performance Sb<sub>2</sub>Se<sub>3</sub> photocathode**

**Polivtseva, Svetlana**; Adegite Olanrewaju, Joseph; Kois, Julia; Mamedov, Damir; Zh. Karazhanov, Smagul; **Maricheva, Jelena**; **Volobujeva, Olga** Nanomaterials 2021 / art. 52, 14 p <https://doi.org/10.3390/nano11010052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Screening and optimization of processing temperature for Sb<sub>2</sub>Se<sub>3</sub> thin film growth protocol : interrelation between grain structure, interface intermixing and solar cell performance**

**Spalatu, Nicolae**; **Krautmann, Robert**; **Katerski, Atanas**; **Kärber, Erki**; **Josepson, Raavo**; **Hiie, Jaan**; **Oja Acik, Ilona**; **Krunks, Malle** Solar energy materials and solar cells 2021 / art. 111045, 13 p. : ill <https://doi.org/10.1016/j.solmat.2021.111045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Krautmann, Robert novaator.err.ee 2022 "[Teadus 3 minutiga: päikesepatareid annavad vunki värvörguseadmetele](#)"

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Alvela, Ain; **Krautmann, Robert** novaator.err.ee 2023 [Üliõhuke päikesepaneel avab energia tootmisele uued ukсед](#) <https://digikogu.taltech.ee/et/Item/e7e64926-5d49-40ad-8b3a-e225ea034f7d> [Ученый из Эстонии разрабатывает солнечные панели, которые изменяют мир](#)