

Effect of the substrate surface on properties of RF sputtered magnetron antimony selenide (Sb₂Se₃) for thin-films

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The effect of tin doping on the band structure and optical properties of polycrystalline antimony selenide

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Enhanced grain orientation in Sb₂Se₃ thin films deposited on Mo/BSG substrates via RF-sputtering and selenization

Uslu, Mehmet Ender; Muska, Katri; Pilvet, Maris; Bereznev, Sergei; Mikli, Valdek; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja Materials science in semiconductor processing 2024 / art. 108835 <https://doi.org/10.1016/j.mssp.2024.108835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modification of the optoelectronic properties of Sb|Se| absorber material for photovoltaic applications = Päikesepatarei absorbermaterjali Sb|Se| optoelektronsete omaduste muutmine

Uslu, Mehmet Ender 2025 https://www.ester.ee/record=b5712268*est <https://digikogu.taltech.ee/et/Item/26bc364a-9424-4811-ad7f-4268ab02bc6e> <https://doi.org/10.23658/taltech.65/2024>

Study of the optical properties of Sb₂(Se_{1-x}S_x)₃ (x = 0-1) solid solutions

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