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Development of Sb₂Se₃ and Sb₂S₃ thin film solar cells by close-spaced sublimation = Sb₂Se₃ ja Sb₂S₃ õhukesekileliste päikesepatareide arendamine lähidistsants-sublimatsiooni meetodil

Krautmann, Robert 2023 <https://doi.org/10.23658/taltech.41/2023> <https://digikogu.taltech.ee/et/Item/e7e64926-5d49-40ad-8b3a-e225ea034f7d> https://www.ester.ee/record=b5573313*est

Development of semi-transparent Sb₂Se₃ solar cells with fluorene-based compounds as hole transport materials =

Poolläbipaistvate Sb₂Se₃ päikesepatareide arendus : fluoreenipõhised ühendid aukude transportkihi materjalina

Juneja, Nimish 2024 https://www.ester.ee/record=b5712253*est <https://digikogu.taltech.ee/et/Item/f10c197f-3140-40cb-97c6-64a4670d4d1b> <https://doi.org/10.23658/taltech.68/2024>

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Development of spray pyrolysis-synthesised Bi₂O₃ thin films for photocatalytic applications

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Development of ZnO nanorod and NiO thin film based materials for photocatalytic applications = ZnO nanovarrastel ja NiO õhukestel kiledel baseeruvate fotokatalüütiliste materjalide arendus

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Malmberg, Siret; Arulepp, Mati; Savest, Natalja; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Käär, Maike; Mikli, Valdek; Krumme, Andres Journal of electrostatics 2020 / art. 103396, 7 p. : ill <https://doi.org/10.1016/j.elstat.2019.103396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Diverse and distinct bacterial community involved in a full-scale A/O1/H/O2 combination of bioreactors with simultaneous decarbonation and denitrogenation of coking wastewater

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Dopant-free fluorene based dimers linked with thiophene units as prospective hole transport materials for Sb2S3 solar cells

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Effect of absorber surface modification on the optoelectronic properties of Cu₂CdGeSe₄ solar cells

Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Danilson, Mati; Mikli, Valdek; Kauk-Kuusik, Marit Thin solid films 2020 / art. 137822, 7 p. : ill <https://doi.org/10.1016/j.tsf.2020.137822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of alkali ions (Na⁺, K⁺, Cs⁺) on reaction mechanism of CZTS nano-particles synthesis

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Usta, Mustafa Cem; Yörük, Can Rüstü; Gregor, Andre; Hain, Tiina; Uibu, Mai; Triikkel, Andres GSFMT Scientific Conference 2021 : Tartu, June 14–15, 2021 : abstracts 2021 / P 40 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

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EMI-transparent SB2S3 solar cells with fluorene-based enamine as hole transport material

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Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb2S3 based solar cells

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Properties of Cu-Sb-Se thin films deposited by magnetron co-sputtering for solar cell applications

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Puidu ja puittoodete vastupidavus : kaitsevahendiga immutatud täispuit. Osa 2, Juhised proovivõtu kohta kaitsevahendiga immutatud puidu analüüsiks = Durability of wood and wood-based products : preservative-treated solid wood. Part 2, Guidance on sampling for the analysis of preservative-treated wood

2023 https://www.ester.ee/record=b5562418*est

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Kartau, Mari Maaleht 2023 / Lk. 46-47 <https://dea.digar.ee/article/maaleht/2023/04/27/41.4>

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Puitkonstruktsioonid : nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 2, Masinsortimine. Täiendavad nõuded esmasteks tüübikatsetusteks = Timber structures : strength graded structural timber with rectangular cross section. Part 2, Machine grading; additional requirements for initial type testing

2022 https://www.ester.ee/record=b5509628*est

Puitkonstruktsioonid : nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 3, Masinsortimine. Täiendavad nõuded tootmisohjele ettevõttes = Timber structures : strength graded structural timber with rectangular cross section. Part 3, Machine grading; additional requirements for factory production control

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Puitplaatide töötlus

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Pulse electrodeposited zinc sulfide as an eco-friendly buffer layer for the cadmium-free thin-film solar cells

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Temperature and thickness effect of Nio layer on photocatalytic activity of Nio/Zno heterostructure by ultrasonic spray method

Chen, Zengjun; Dedova, Tatjana; Oja Acik, Ilona; Krunks, Malle GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 45 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf