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A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis

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

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Electrochemical detection of brain-derived neurotrophic factor by molecularly-imprinted polymer on screen-printed electrode

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Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor

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Electrodeposited ZnO morphology transformations under the influence of SeO₂ additive: Rods, disks, nanosheets network

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Electrospun carbon nanofibre-based catalysts prepared with Co and Fe phthalocyanine for oxygen reduction in acidic medium

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Electrospun conductive mats from PANi-ionic liquid blends

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Mooste, Marek; Kibena-Pöldsepp, Elo; **Vassiljeva, Viktoria;** Kikas, Arvo; Käärik, Maike; Kozlova, Jekaterina; Kisand, Vambola; Külaviir, Marian; Cavaliere, S.; Leis, Jaan; **Krumme, Andres;** Sammelselg, Väino; Holdcroft, Steven; Tammeveski, Kaido ChemCatChem 2020 / p. 4568-4581 : ill <https://doi.org/10.1002/cctc.202000658> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Elemental composition and structural characteristics of as-received TriTanium™ orthodontic archwire

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Elemental composition and structural characteristics of Bio-active™ orthodontic archwire

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Elements distribution between solid and liquid phases in hydrochloric acid treatment of phosphate ore

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

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Influence of electrolyte scaffold microstructure and loading of MIEC material on the electrochemical performance of RSOC fuel electrode

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Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

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Prefab light clay-timber elements for net zero whole-life carbon buildings

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Preparation of a surface-grafted protein-selective polymer film by combined use of controlled/living radical photopolymerization and microcontact imprinting

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

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Properties of frost-retted hemp fibres for the reinforcement of composites

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Protein-responsive polymer film prepared via combined use of controlled/living radical photopolymerization and microcontact imprinting [Online resource]

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Puidu ja puittoodete vastupidavus [Võrguteavik] : kaitsevahendiga immutatud täispuit. Osa 1, Kaitsevahendi läbitavuse ja sissejäävuse liigitus = Durability of wood and wood-based products : preservative-treated solid wood. Part 1, Classification of preservative penetration and retention

2017 http://www.ester.ee/record=b4758737*est

Puidu liimimine, inseneripuidust toodete ja puitplaatide valmistamine

Puidutöötlemise õpik 2025 / lk. 268-374 : ill <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93> https://www.ester.ee/record=b5714083*est

Puidu lõiketöötus

Kallakas, Heikko; Luga, Üllar; Riistop, Märt Puidutöötlemise õpik 2025 / lk. 12-96 : ill., fot https://www.ester.ee/record=b5714083*est <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

Puidu pinnatöötus, viimistlusmaterjalid ja -tehnoloogiad

Kers, Jaan Puidutöötlemise õpik 2025 / lk. 449-545 : ill https://www.ester.ee/record=b5714083*est <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

Puidu tulevikukasutus on korrusmajades ja kõrghoonetes

Kers, Jaan Maaleht 2018 / lk. 18 <https://maaleht.delfi.ee/artikkel/82058059/puidu-tulevikukasutus-on-korrusmajades-ja-korghoonetes>

Puidu uus tulemine

Kers, Jaan Horisont 2022 / lk. 14-19 : fot https://www.ester.ee/record=b1072243*est

Puidust põrandakate [Võrguteavik] : täispuidust üksikud ja eelkoostatud lehtpuulauad = Wood flooring : solid individual and pre-assembled hardwood boards

2020 https://www.ester.ee/record=b5366547*est

Puidust saab nii toitu kui kütust, nafta jääb maa alla

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

Puidutöötlemise õpik

2025 <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93> https://www.ester.ee/record=b5714083*est

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

2022 https://www.ester.ee/record=b5509636*est

Puitplaatide töötlus

Kiiman, Karmo; Riistop, Märt Puidutöötlemise õpik 2025 / Lk. 375-405 : ill <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93> https://www.ester.ee/record=b5714083*est

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

Boosagulla, Divya; Mandati, Sreekanth; Misra, Prashant; Allikayala, Ramachandraiah; Sarada, Bulusu V. Superlattices and microstructures 2021 / art. 107060 <https://doi.org/10.1016/j.spmi.2021.107060>

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Schou, Jorgen; Gansukh, Mungunshagai; Ettlinger, Rebecca B.; Cazzaniga, Andrea; Grossberg, Maarja; Kauk-Kuusik, Marit; Canulescu, Stela Applied physics. A, Materials science & processing 2018 / Art. nr. 78 <https://doi.org/10.1007/s00339-017-1475-3>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Polivtseva, Svetlana; Spalatu, Nicolae; Abdalla, Akram; Volobujeva, Olga; Hiie, Jaan; Bereznev, Sergei ACS Applied Energy Materials 2018 / p. 6505-6512 : ill <http://dx.doi.org/10.1021/acsam.8b01431>

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Ibrahim, Akram Abdalla Mohammed; Bereznev, Sergei GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 13 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic applications = Impulsslaser-sadestatud Zn(O,Se) kiled optoelektronseteks rakendusteks

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https://www.ester.ee/record=b5470705*est <https://doi.org/10.23658/taltech.57/2021>

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Päikesenergeetika materjalide uuringud Eestis

Kauk-Kuusik, Marit; Grossberg, Maarja; Oja Acik, Ilona; Krunks, Malle Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / Lk. 59-65 : ill., fot https://www.ester.ee/record=b5208765*est

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Piir, Rait novaator.err.ee 2023 [Päikesenergeetika tulevikku kujundavad kilepinnad ja tandempaneelid](#)

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Radiative recombination model for BiSeI microcrystals : unveiling deep defects through photoluminescence

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Rational design of highly efficient flexible and transparent p-type composite electrode based on single-walled carbon nanotubes

Rajanna, Pramod M.; Meddeb, Hosni; **Bereznev, Sergei; Volobujeva, Olga; Danilson, Mati** Nano energy 2020 / art. 104183, 9 p. : ill <https://doi.org/10.1016/j.nanoen.2019.104183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Saematerjali ja spooni kuivatus, puidu modifitseerimine

Kallakas, Heikko; Poltimäe, Triinu; Reiska, Rein; Riistop, Märt Puidutöötlemise õpik 2025 / lk. 172-237 : ill https://www.ester.ee/record=b5714083*est <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

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Sb₂S₃ solar cells with a cost-effective and dopant-free fluorene-based enamine as a hole transport material

Juneja, Nimish; Mandati, Sreekanth; Katerski, Atanas; Spalatu, Nicolae; Daskeviciute-Geguziene, Sarune; Vembris, Aivars; Karazhanov, Smagul; Getautis, Vytautas; Krunks, Malle; Oja Acik, Ilona Sustainable Energy & Fuels 2022 / p. 3220-3229
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Sb₂S₃ solar cells with TiO₂ electron transporting layers synthesized by ALD and USP methods

Dedova, Tatjana; Krautmann, Robert; Rusu, Marin; Katerski, Atanas; Krunks, Malle; Unold, Thomas; Spalatu, Nicolae; Mere, Arvo; Sydorenko, Jekaterina; Sibinski, Maciej; Oja Acik, Ilona Solar energy materials and solar cells 2025 / art. 113279
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SB₂S₃ thin film solar cells by ultrasonic spray pyrolysis

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Sb₂S₃ thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate

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Sb₂S₃ õhukesed absorberkihid pool-läbipaistvatele päikesepatareidele

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