A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis
Eensalu, Jako Siim; **Krunks, Malle**; **Gromõko, Inga**; **Katerski, Atanas**; **Mere, Arvo** Energetika 2017 / p. 46-55 : ill https://doi.org/10.6001/energetika.v63i2.3519 Journal metrics at Scopus Article at Scopus

A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate solutions by spray pyrolysis
Eensalu, Jako Siim; **Krunks, Malle**; **Gromõko, Inga**; **Katerski, Atanas**; **Mere, Arvo** The 14th International Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, May 25-26, 2017 2017 / p. X-332 http://cyseni.com/archives/proceedings/Proceedings_of_CYSENI_2017.pdf

Deposition of SbISI thin films by ultrasonic spray pyrolysis for photovoltaic applications = Päikesepatareides rakendatavate SbISI õhukeste kilede sadestamine ultrahelipihustuspürolüüsi meetodil
Eensalu, Jako Siim 2022 https://doi.org/10.23658/taltech.1/2022 https://digikogu.taltech.ee/et/Item/6c2df448-6e67-496b-9e31-87205057d560 https://www.ester.ee/record=b5492121*est

Doktoritöö uuris päikesepatarei töövõime ja eluea pikendamist
Mente et Manu 2022 / lk. 42-43 : fot https://www.ester.ee/record=b1242496*est

Gas sensing capability of spray deposited Al-doped ZnO thin films
Eensalu, Jako Siim; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 124–130 : ill https://doi.org/10.3176/proc.2018.2.02 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Gas sensing capability of spray deposited Al-doped ZnO thin films [Online resource]
Eensalu, Jako Siim; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.ut.ee/teesid-2018/

Kuidas pikendada päikesepatarei töövõimet ja eluiga?
Eensalu, Jako Siim Ehitaja 2022 / lk. 24 : fot https://www.ester.ee/record=b1072123*est

Meeter ja tema seiklused Kariibi merel
Eensalu, Jako Siim Mente et Manu 2024 / lk. 56-57 : fot https://www.ester.ee/record=b1242496*est

Optimization of the Sb2S3 shell thickness in ZnO nanowire-based extremely thin absorber solar cells
Hector, Guislain; **Eensalu, Jako Siim**; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki** Nanomaterials 2022 / art. 198 https://doi.org/10.3390/nano12020198 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Päikesepatareidest klaasid muudavad akna elektrienergia allikaks [Võrguväljaanne]
Eensalu, Jako Siim novaator.err.ee 2021 "Päikesepatareidest klaasid muudavad akna elektrienergia allikaks"

SB2S3 thin film solar cells by ultrasonic spray pyrolysis
Eensalu, Jako Siim; **Katerski, Atanas**; **Kärber, Erki**; **Oja Acik, Ilona**; **Krunks, Malle** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 22 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Sb2S3 thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate
Eensalu, Jako Siim; **Tõnsuaadu, Kaia**; **Oja Acik, Ilona**; **Krunks, Malle** Materials science in semiconductor processing 2022 / art. 106209 : ill https://doi.org/10.1016/j.mssp.2021.106209 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sb2S3 thin-film solar cells fabricated from an antimony ethyl xanthate based precursor in air
Eensalu, Jako Siim; **Mandati, Sreekanth**; Don, Christopher H.; Finch, Harry; Dhanak, Vinod R.; Major, Jonathan D.; Grzibovskis, Raitis; Tamm, Aile; Ritslaid, Peeter; **Josepson, Raavo**; Käämbre, Tanel; Vembris, Aivars; **Spalatu, Nicolae**; **Krunks, Malle**; **Oja Acik, Ilona** ACS applied materials & interfaces 2023 / p. 42622-42636 https://doi.org/10.1021/acsami.3c08547 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sb2S3 õhukesed absorberkihid pool-läbipaistvatele päikesepatareidele
Oja Acik, Ilona; **Eensalu, Jako Siim**; **Katerski, Atanas**; **Krunks, Malle** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 32 https://www.ester.ee/record=b1580289*est

Semitransparent Sb2S3 thin film solar cells by ultrasonic spray pyrolysis for use in solar windows
Eensalu, Jako Siim; **Katerski, Atanas**; **Kärber, Erki**; Weinhardt, Lothar; Blum, Monika; Heske, Clemens; **Oja Acik, Ilona**; **Krunks, Malle** Beilstein journal of nanotechnology 2019 / p. 2396−2409 https://doi.org/10.3762/bjnano.10.230 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spin - coating of SnO2 thin films
Ganchev, Maxim; **Katerski, Atanas**; Stankova, Stanka; **Eensalu, Jako Siim**; Terziyska, Penka Journal of physics : conference series 2019 / art. 012027, 7 p. : ill https://doi.org/10.1088/1742-6596/1186/1/012027 Conference proceeding at Scopus Article at Scopus Article at WOS

Thermal decomposition of tris(O-ethyldithiocarbonato)-antimony(III) - a single-source precursor for antimony sulfide thin films
Eensalu, Jako Siim; **Tõnsuaadu, Kaia**; **Adamson, Jasper**; **Oja Acik, Ilona**; **Krunks, Malle** Journal of thermal analysis and calorimetry 2022 / p. 4899-4913 : ill https://doi.org/10.1007/s10973-021-10885-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tin dioxide thin films deposited by sol - gel technique
Ganchev, Maxim; **Katerski, Atanas**; Stankova, Stanka; Eensalu, Jako Siim; Terziyska, Penka AIP conference proceedings 2019 / art. 140001, 8 p https://doi.org/10.1063/1.5091316 Conference proceedings at Scopus Article at Scopus Article at WOS

Uniform Sb2S3 optical coatings by chemical spray method
Eensalu, Jako Siim; **Katerski, Atanas**; **Kärber, Erki**; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Beilstein journal of nanotechnology 2019 / p. 198-210 : ill https://doi.org/10.3762/bjnano.10.18 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Uniform Sb2S3 optical coatings by chemical spray method : [conference paper]
Eensalu, Jako Siim; **Katerski, Atanas**; **Kärber, Erki**; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/