Analysis of fill factor losses in thin film CdS/CdTe photovoltaic devices
Potlog, Tamara; Spalatu, Nicolae; Ciobanu, V.; **Hiie, Jaan**; **Mere, Arvo**; **Mikli, Valdek**; **Valdna, Vello** Moldavian journal of the physical sciences 2010 / 3/4, p. 363-367

Application of ultrasonic sprayed zirconium oxide dielectric in zinc tin oxide-based thin film transistor
Oluwabi, Abayomi Titilope; **Katerski, Atanas**; Carlos, Emanuel; Branquinho, Rita; **Mere, Arvo**; **Krunks, Malle**; Fortunato, Elvira; Pereira, Luis; **Oja Acik, Ilona** Journal of materials chemistry C 2020 / p. 3730-3739 : ill https://doi.org/10.1039/C9TC05127A Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autod füüsika eitajaile : [autode telereklaame kommenteerib TTÜ füüsikainstituudi lektor Arvo Mere]
Sarv, Mari; **Mere, Arvo** Eesti Päevaleht 2005 / 14. märts, lk. 16

Characterisation of samarium and nitrogen co-doped TiO2 films prepared by chemical spray pyrolysis
Oja Acik, Ilona; Kiisk, Valter; **Krunks, Malle**; Sildos, Ilmo; **Junolainen, Agne**; **Danilson, Mati**; **Mere, Arvo**; **Mikli, Valdek** Applied surface science 2012 / p. 735-741 : ill

Characterization of sprayed CuInS2 films annealed in hydrogen sulfide atmosphere
Krunks, Malle; **Mere, Arvo**; **Katerski, Atanas**; **Mikli, Valdek**; **Krustok, Jüri** Thin solid films 2006 / p. 434-438 : ill

Characterization of sprayed large grain CuInS2 as absorbers for solar cells
Krunks, Malle; **Mere, Arvo**; **Kijatkina, Olga**; **Rebane, Helen**; **Mikli, Valdek** 20-th NSM : Tampere, 2003 2003

Chemical spray deposition of zinc oxide nanostructured layers from zinc acetate solutions
Dedova, Tatjana; **Klauson, Jelena**; Badre, C.; Pauporte, Th.; **Nisumaa, Reet**; **Mere, Arvo**; **Volobujeva, Olga**; **Krunks, Malle** Physica status solidi (a) : applications and materials science 2008 / 10, p. 2355-2359 : ill

Combinative solution processing and Li doping approach to develop p-type NiO thin films with enchanced electrical properties
Oluwabi, Abayomi Titilope; **Spalatu, Nicolae**; Maticiuc, Natalia; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle**; **Oja Acik, Ilona** Frontiers in materials 2023 / 12 p. : ill https://doi.org/10.3389/fmats.2023.1060420

A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystaldiamond and Si(100) substrates
Podgurski, Vitali; **Bogatov, Andrei**; **Yashin, Maxim**; **Viljus, Mart**; **Volobujeva, Olga**; **Mere, Arvo**; **Raadik, Taavi** Diamond and related materials 2019 / p. 159-167 : ill https://doi.org/10.1016/j.diamond.2018.12.024 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Composition and structure of CuInS2 films prepared by spray pyrolysis
Krunks, Malle; **Mikli, Valdek**; **Bijakina, Olga**; **Rebane, Helen**; **Mere, Arvo**; **Varema, Tiit**; **Mellikov, Enn** Thin solid films 2000 / p. 61-64 : ill

Composition and structure of CuInS2 films prepared by spray pyrolysis
Krunks, Malle; **Mikli, Valdek**; **Bijakina, Olga**; **Rebane, Helen**; **Mere, Arvo**; **Varema, Tiit**; **Mellikov, Enn** EMRS Spring Meeting : Strasbourg, June 1-4, 1999 : book of abstracts 1999 / p. O-13

Composition of CuInS2 thin films prepared by spray pyrolysis
Krunks, Malle; **Kijatkina, Olga**; **Rebane, Helen**; **Oja, Ilona**; **Mikli, Valdek**; **Mere, Arvo** E-MRS 2001 Spring Meeting : book of abstracts 2001 / p. P-4

Composition of CuInS2 thin films prepared by spray pyrolysis
Krunks, Malle; **Kijatkina, Olga**; **Rebane, Helen**; **Oja, Ilona**; **Mikli, Valdek**; **Mere, Arvo** Thin solid films 2002 / p. 71-75 : ill

Compositionally tunable structure and optical properties of Cu1.85(CdxZn1 − x)1.1SnS4.1 (0 ≤ x ≤ 1) monograin powders
Pilvet, Maris; **Kauk-Kuusik, Marit**; **Altosaar, Mare**; **Grossberg, Maarja**; **Danilson, Mati**; **Timmo, Kristi**; **Mere, Arvo**; **Mikli,**

Valdek Thin solid films 2015 / p. 180-183 : ill http://dx.doi.org/10.1016/j.tsf.2014.10.091

Copper indium disulfide films by chemical spray pyrolysis for photovoltaics
Krunks, Malle; **Mere, Arvo**; **Katerski, Atanas** Proceedings of the International Conference on Solar Cells : IC-SOLACE 2008 : January 21-23, 2008, Cochin, India 2008 / p. 16-19

Cost-effective sprayed CuInS2 films for solar cells
Krunks, Malle; **Kijatkina, Olga**; Blums, J.; **Oja, Ilona**; **Mere, Arvo**; **Mellikov, Enn** Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume II 2002 / p. 1211-1214 : ill

Cost-effective sprayed CuInS2 films for solar cells
Blums, J.; **Krunks, Malle**; **Mere, Arvo** 17th European PVSEC1 : book of abstracts 2001 / p. B1.50

Crystal quality studies of CuInS2 films prepared by spray pyrolysis
Oja, Ilona; Nanu, M.; **Katerski, Atanas**; **Krunks, Malle**; **Mere, Arvo**; **Raudoja, Jaan**; Goossens, A. Thin solid films 2005 / p. 82-86 : ill

CuInS2 kilede koostise uurimine XPS meetodil
Katerski, Atanas; **Danilson, Mati**; **Mere, Arvo**; **Krunks, Malle** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 41

CuInS2 solar cell absorber plasmonically modified by gold nanoparticles
Repän, Taavi; Dolgov, Leonid; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; Sildos, Ilmo Applied physics. A, Materials science & processing 2014 / p. 455-458 : ill

CuInS2 sprayed films on different metal oxide underlayers
Kijatkina, Olga; **Krunks, Malle**; **Mere, Arvo**; Mahrov, B.; Dloczik, L. EMRS 2002, B/PI 2002 / p. 11

CuInS2 sprayed films on different metal oxide underlayers
Kijatkina, Olga; **Krunks, Malle**; **Mere, Arvo**; Mahrov, B.; Dloczik, L. Thin solid films 2003 / p. 105-109 : ill

CuInS2 õhukesed kiled fotoelementidele pihustus-pürolüüsi meetodil
Krunks, Malle; **Bijakina, Olga**; **Varema, Tiit**; **Mere, Arvo**; **Mikli, Valdek** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 60-61

Deposition of p-type NiO films by chemical spray pyrolysis
Krunks, Malle; **Soon, Jaanika**; **Unt, Tarmo**; **Mere, Arvo**; **Mikli, Valdek** Vacuum 2014 / p. 242-246 : ill

Determination of charge carrier density in zinc oxide nanorods prepared by chemical spray pyrolysis
Kärber, Erki; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Krunks, Malle**; **Mere, Arvo**; **Mikli, Valdek** Proceedings of CYSENI 2010 : the 7th Annual Conference of Young Scientists on Energy Issues : May 27-28, 2010, Kaunas, Lithuania 2010 / p. 340-344

Development and application of energy producing solar pavement in Estonia
Jalakas, Tanel; **Chub, Andrii**; **Vinnikov, Dmitri**; **Spalatu, Nicolae**; **Gudkova, Viktoria**; **Krunks, Malle**; **Mere, Arvo**; Lahi, Allan 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / 5 p. : ill https://doi.org/10.1109/RTUCON56726.2022.9978908

Development of sprayed CuInS2 thin film absorber for nanostructured solar cell
Katerski, Atanas; **Kärber, Erki**; **Krunks, Malle**; **Mikli, Valdek**; **Mere, Arvo** Materials Research Society symposium proceedings 2012 https://www.researchgate.net/publication/271903084_Development_of_sprayed_CuInS2_thin_film_absorber_for_nanostructured_solar_cell

Dielectric relaxation and conduction mechanisms in sprayed TiO2 thin films as a function of the annealing temperature
Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Applied physics. A, Materials science & processing 2016 / art. 359, p. 1-6 : ill http://dx.doi.org/10.1007/s00339-016-9874-4

Effect of carbon stabilizing elements on WC cemented carbides with chromiumsteel binder
Tarraste, Marek; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Mere, Arvo**; **Viljus, Mart** Materials science = Medžiagotyra 2019 / p. 202-206 : ill https://doi.org/10.5755/j01.ms.25.2.19619 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of H2S treatment on properties of CuInS2 thin films deposited by chemical spray pyrolysis at low temperature
Kärber, Erki; **Katerski, Atanas**; **Oja Acik, Ilona**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle** Thin solid films 2011 / p. 7180-7183 : ill

Effect of laser heat treatment on AlxTi1-xN-based PVD coatings, deposited on carbon and tool steel substrates
Surženkov, Andrei; **Viljus, Mart**; **Antonov, Maksim**; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Kulu, Priit**; **Vägiström, Heinar**;

Jankauskas, Vytenis; Leišys, Rimtautas; Bendikiene, Regita; Adoberg, Eron; Peetsalu, Priidu; **Mere, Arvo**; **Gregor, Andre** Surface and coatings technology 2022 / art. 128771 https://doi.org/10.1016/j.surfcoat.2022.128771 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of solution composition on anatase to rutile transformation of sprayed TiO2 thin films
Juma, Albert Owino; **Oja Acik, Ilona**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle** Thin solid films 2015 / p. 287-292 : ill http://dx.doi.org/10.1016/j.tsf.2015.03.036

Effect of solution spray rate on the properties of chemically sprayed ZnO:In thin films
Kriisa, Merike; **Krunks, Malle**; **Kärber, Erki**; **Kukk, Mart**; **Mikli, Valdek**; **Mere, Arvo** Journal of nanomaterials 2013 / p. 1-9 : ill

Effect of substrate morphology on the nucleation and growth of ZnO nanorods prepared by spray pyrolysis
Dedova, Tatjana; **Oja Acik, Ilona**; **Krunks, Malle**; **Mikli, Valdek**; **Volobujeva, Olga**; **Mere, Arvo** Thin solid films 2012 / p. 4650-4653 : ill

Effect of Zr doping on the structural and electrical properties of spray deposited TiO2 thin films
Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147–157 : ill https://doi.org/10.3176/proc.2018.2.05 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of the growth temperature on chemical composition of spray-deposited CuInS2 thin films
Katerski, Atanas; **Danilson, Mati**; **Mere, Arvo**; **Krunks, Malle** Energy procedia 2010 / p. 103-107 : ill

Effect of titanium(IV)isopropoxide and acetylacetone molar ratio in the solution on spray deposited TiO2 films
Oja Acik, Ilona; **Krunks, Malle**; **Mere, Arvo**; **Otto, Kairi**; **Mikli, Valdek** TÜ ja TTÜ doktorikool “Funktsionaalsed materjalid ja tehnoloogiad” 2013 / [1] p

Electrical characterization of annealed chemical-bath-deposited CdS films and their application in superstrate configuration CdTe/CdS solar cells
Graf, Aleksandr; **Maticiuc, Natalia**; **Spalatu, Nicolae**; **Mikli, Valdek**; **Mere, Arvo**; **Gavrilov, Aleksei**; **Hiie, Jaan** Thin solid films 2015 / p. 351-355 : ill http://dx.doi.org/10.1016/j.tsf.2014.11.003

Electrical characterization of nanostructured CIS solar cell prepared by chemical spray pyrolysis
Kärber, Erki; Abass, Aimi; Khelifi, Samira; Burgelman, Marc; **Mere, Arvo**; **Katerski, Atanas**; **Krunks, Malle** NEXTGEN NANO PV : book of abstracts 2013 / p. 80-81

Electrical properties of sprayed CuInS2 films for solar cells
Mere, Arvo; **Kijatkina, Olga**; **Rebane, Helen**; **Krustok, Jüri**; **Krunks, Malle** Journal of physics and chemistry of solids 2003 / Issues 9/10, p. 2025-2029 : ill

Electrical, optical and structural properties of sprayed CuInS2 films for solar cells
Mere, Arvo; **Kijatkina, Olga**; **Rebane, Helen**; **Krunks, Malle** ICTMC13 : 13th International Conference on Ternary and Multinary Compounds, Paris, 2002, October 14th-18th : book of abstracts 2002 / p. 212

Electrodeposited molybdenum oxide coatings for thin film chalcopyrite solar cells
Ganchev, Maxim; Dimitrov, Dimiter; Stankova, Stanka; **Katerski, Atanas**; Gadjov, Iliya; **Volobujeva, Olga**; **Mere, Arvo**; **Bereznev, Sergei**; **Krunks, Malle** 10th Jubilee Conference of the Balkan Physical Union 2019 / art. 140002 https://doi.org/10.1063/1.5091317

Electrodeposited ZnO morphology transformations under the influence of SeO2 additive: Rods, disks, nanosheets network
Gromõko, Inga; **Dedova, Tatjana**; **Polivtseva, Svetlana**; **Kois, Julia**; Puust, Laurits; Sildos, Ilmo; **Mere, Arvo**; **Krunks, Malle** Thin solid films 2018 / p. 10-15 : ill https://doi.org/10.1016/j.tsf.2017.12.004 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energiat tootev teekatend nüüd ka Eestis
Jalakas, Tanel; **Chub, Andrii**; **Vinnikov, Dmitri**; **Spalatu, Nicolae**; Gudkova, Viktoria; **Krunks, Malle**; **Mere, Arvo**; **Lahi, Allan**; Lindvest, Andre Elektriala 2023 / lk. 14-16 : portr., fot https://www.ester.ee/record=b1240496*est

Enhanced visible and ultraviolet light-induced gas-phase photocatalytic activity of TiO2 thin films modified by increased amount of acetylacetone in precursor solution for spray pyrolysis
Spiridonova, Jekaterina; **Mere, Arvo**; **Krunks, Malle**; **Rosenberg, Merilin**; Kahru, Anne; **Danilson, Mati**; **Kritševskaja, Marina**; **Oja Acik, Ilona** Catalysts 2020 / 21 p. : ill https://doi.org/10.3390/catal10091011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental studies of ZnS-based phosphors
Valdna, Vello; Durst, R.; **Mere, Arvo** Proc. Euromat '99. Vol. 13 2000 / p. 117-120

Extremly thin absorber layer nanostructured solar cell by chemical spray pyrolysis
Mere, Arvo; **Katerski, Atanas**; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Krunks, Malle** Proceedings 23rd European Photovoltaic Solar Energy Conference : 1-5 September, 2008, Valencia, Spain 2008 / p. 2147-2150

Extremly thin absorber layer solar cells on zinc oxide nanorods by chemical spray
Krunks, Malle; **Kärber, Erki**; **Katerski, Atanas**; **Otto, Kairi**; **Oja Acik, Ilona**; **Dedova, Tatjana**; **Mere, Arvo** Solar energy materials & solar cells 2010 / p. 1191-1195

Ferritic chromium steel as binder metal for WC cemented carbides
Tarraste, Marek; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Mere, Arvo**; **Kolnes, Märt**; **Viljus, Mart**; **Maaten, Birgit** International journal of refractory metals and hard materials 2018 / p. 183-191 : ill https://doi.org/10.1016/j.ijrmhm.2018.02.010 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ferromagnetism in rare earth doped cerium oxide bulk samples
Chandra Dimri, Mukesh; **Khanduri, Himani**; Kooskora, Helgi; Subbi, Juhan; Heinmaa, Ivo; **Mere, Arvo**; **Krustok, Jüri**; Stern, Raivo Physica status solidi (a) 2012 / p. 353-358 : ill

Fused hybrid linkers for metal–organic framework-derived bifunctional oxygen electrocatalysts
Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; Aruväli, Jaan; Paiste, Päärn; Vlassov, Sergei; Kook, Mati; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Kongi, Nadežda; **Starkov, Pavel** ACS Applied Energy Materials 2020 / p. 152–157 : ill https://doi.org/10.1021/acsaem.9b02039 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 1.0] [Online resource]
Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S16 p. : ill https://doi.org/10.26434/chemrxiv.7687358

Fused hybrid linkers for metal–organic frameworks-derived bifunctional oxygen electrocatalysts : [version 2.0] [Online resource]
Ping, Kefeng; Braschinsky, Alan; **Alam, Mahboob**; **Bhadoria, Rohit**; **Mikli, Valdek**; **Mere, Arvo**; **Starkov, Pavel** ChemRxiv 2019 / 10 p., S17 p. : ill https://doi.org/10.26434/chemrxiv.7687358.v2

Füüsika : riigieksam 2000. Riigieksam 2001
2000 https://www.ester.ee/record=b1349673*est

Füüsika : riigieksam 2001. Riigieksam 2002
2001 https://www.ester.ee/record=b1349673*est

Füüsika : riigieksam 2002. Riigieksam 2003
2002 https://www.ester.ee/record=b1349673*est

Füüsika : riigieksam 2003. Riigieksam 2004
Mere, Arvo 2003 https://www.ester.ee/record=b1349673*est

Füüsika katseline riigieksam 1998
Mere, Arvo 1997 https://www.ester.ee/record=b1057265*est

Füüsika katseline riigieksam 1998
Mere, Arvo 1999 https://www.ester.ee/record=b1229866*est

Füüsika praktikum
Aarna, Heiti; **Mere, Arvo**; **Veimer, Vladimir** 1991 https://www.ester.ee/record=b1195365*est

Füüsika praktikumi metoodiline juhend
1978 https://www.ester.ee/record=b1266392*est

Füüsika riigieksam 1999
Mere, Arvo 1999

Füüsika riigieksam 2005 : [XXXVI Eesti füüsikapäevade 21.-22. märtsil 2006 ettekande sisukokkuvõte]
Mere, Arvo Eesti Füüsika Seltsi aastaraamat 2005 2006 / lk. 87-88 : ill

Füüsika riigieksamid

Mere, Arvo Õpetajate Leht 2003 / 7. märts, Füüsika, lk. 3

Füüsika ülesanded
1996 https://www.ester.ee/record=b1071006*est

Füüsika ülesanded
2000 https://www.ester.ee/record=b1428372*est

Füüsika ülesanded
2000 https://www.ester.ee/record=b4160181*est

Füüsika ülesanded
1998 https://www.ester.ee/record=b1061290*est

Füüsika ülesanded
1998 https://www.ester.ee/record=b1061548*est

Füüsika ülesanded
Aarna, Heiti; **Bender, Villem**; **Kelder, Tõnu**; **Mere, Arvo**; **Reiter, Eerik**; **Rusalep, Ervin**; **Ruus, Tõnu**; **Suurvarik, Pavel**; **Uder, Ülo-Olimar** 2002 https://www.ester.ee/record=b1593180*est

Füüsika ülesanded
2005 http://www.ester.ee/record=b2032225*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/

Gas-phase photocatalytic oxidation of VOCs on the TiO2 thin films
Sydorenko, Jekaterina; **Danilson, Mati**; **Mere, Arvo**; **Krunks, Malle**; **Kritševskaja, Marina**; **Oja Acik, Ilona** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 10 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Group II-VI downconverting phosphors
Valdna, Vello; **Gavrish, T.**; **Hiie, Jaan**; **Mellikov, Enn**; **Mere, Arvo** Materials Research Society symposia proceedings series 1997 / p. 463-466: ill

Group II-VI downconverting phosphorus
Valdna, Vello; Gavrish, T.; **Hiie, Jaan**; **Mellikov, Enn**; **Mere, Arvo** MRS Fall Meeting, Boston, 1996 : abstracts 1996 / [1] p

Growth and electrical properties of ZnO nanorod arrays prepared by chemical spray pyrolysis
Krunks, Malle; **Dedova, Tatjana**; Kärber, Erki; **Mikli, Valdek**; **Oja Acik, Ilona**; **Grossberg, Maarja**; **Mere, Arvo** Physica B 2009 / p. 4422-4425 : ill

Growth and properties of ZnO films on polymeric substrate by spray pyrolysis method
Kriisa, Merike; **Kärber, Erki**; **Krunks, Malle**; **Mikli, Valdek**; **Unt, Tarmo**; **Kukk, Mart**; **Mere, Arvo** Thin solid films 2014 / p. 87-92 : ill

Growth dynamics of nanocrystalline diamond films produced by microwave plasma enhanced chemical vapor deposition in methane/hydrogen/air mixture : scaling analysis of surface morphology
Podgurski, Vitali; **Bogatov, Andrei**; Sedov, V.; Sildos, Ilmo; **Mere, Arvo**; **Viljus, Mart**; Buijnsters, J. G.; Ralchenko, V. Diamond and related materials 2015 / p. 172-179 : ill http://dx.doi.org/10.1016/j.diamond.2015.07.002

Growth of zinc oxide nanostructured layers on SnO2 electrodes by spray pyrolysis
Dedova, Tatjana; **Volobujeva, Olga**; **Gromõko, Inga**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

Growth of ZnO rods on FTO electrodes by spray pyrolysis
Dedova, Tatjana; **Volobujeva, Olga**; **Krunks, Malle**; **Mikli, Valdek**; **Gromõko, Inga**; **Katerski, Atanas**; **Mere, Arvo** IOP conference series : materials science and engineering 2013 / [4] p. : ill

Gümnaasiumi füüsika ainekava ja riigieksam
Mere, Arvo; Ugaste, Ülo Konverentsi "Reaalained ja uus õppekava" materjalid : Tartu, 27.-28. oktoober 2000 2000 / lk. 82-87 : ill

Halli andur magnetilise induktsiooni mõõtmiseks magnetahelate õhupiludes
Seire, R.; **Mere, Arvo** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 69 https://www.ester.ee/record=b1322611*est

Hierarchical nanostructures of ZnO obtained by spray pyrolysis
Dedova, Tatjana; **Krunks, Malle**; **Oja Acik, Ilona**; **Klauson, Deniss**; **Volobujeva, Olga**; **Mere, Arvo** Materials chemistry and physics 2013 / p. 69-75 : ill

High-temperature erosion of Fe-based coatings reinforced with cermet particles
Surženkov, Andrei; **Antonov, Maksim**; **Goljandin, Dmitri**; **Kulu, Priit**; **Viljus, Mart**; **Traksmaa, Rainer**; **Mere, Arvo** Surface engineering 2016 / p. 624-630 : ill http://dx.doi.org/10.1080/02670844.2016.1145377

High-κ metal oxide thin film by chemical spray pyrolysis : from optimization of material properties to application in thin film transistor = Metallioksiidi õhukesed kiled keemilise pihustuspürolüüsi meetodil : materjali omaduste optimeerimine ja rakendamine õhukesekilelistes transistorides
Oluwabi, Abayomi Titilope 2020 https://digikogu.taltech.ee/et/Item/4b6d9afd-74d2-40ac-9c12-335d2f608474 https://www.ester.ee/record=b5362429*est

Impact and sliding wear properties of single layer, multilayer and nanocomposite physical vapour deposited (PVD) coatings on the plasma nitrided low-alloy 42CrMo4 steel
Surženkov, Andrei; **Adoberg, Eron**; **Põdra, Priit**; **Sergejev, Fjodor**; **Mere, Arvo**; **Viljus, Mart**; **Mikli, Valdek**; **Antonov, Maksim**; **Kulu, Priit** Engineering materials and tribology 2013 / p. 223-228 : ill

Impact of Cu2ZnSn(SexS1-x)4 (x=0.3) compositional ratios on the monograin powder properties and solar cells
Muska, Katri; **Kauk-Kuusik, Marit**; **Grossberg, Maarja**; **Altosaar, Mare**; **Pilvet, Maris**; **Varema, Tiit**; **Timmo, Kristi**; **Volobujeva, Olga**; **Mere, Arvo** Thin solid films 2013 / p. 35-38 : ill

Impacts of different solvents and substrates on properties of zinc oxide nanorod layers prepared by chemical spray pyrolysis
Annert, Katre; **Vent, Merike**; **Dedova, Tatjana**; **Kärber, Erki**; **Oja Acik, Ilona**; **Volobujeva, Olga**; **Mere, Arvo**; **Krunks, Malle**; **Mikli, Valdek** Proceedings of CYSENI 2010 : the 7th Annual Conference of Young Scientists on Energy Issues : May 27-28, 2010, Kaunas, Lithuania 2010 / p.301-309

In2S3 õhukeste kilede sadestamine pihustuspürolüüsi meetodil
Otto, Kairi; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 60

Indium sulfide thin films deposited by chemical spray of aqueous and alcoholic solutions
Otto, Kairi; **Katerski, Atanas**; **Volobujeva, Olga**; **Mere, Arvo**; **Krunks, Malle** Energy procedia 2011 / p. 63-69

Influence of post-UV/ozone treatment of ultrasonic-sprayed zirconium oxide dielectric films for a low-temperature oxide thin film transistor
Oluwabi, Abayomi Titilope; Gaspar, Diana; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle**; Pereira, Luis; **Oja Acik, Ilona** Materials 2020 / art. 6, 14 p. : ill https://doi.org/10.3390/ma13010006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of solution composition on sprayed ZnO nanorods properties and formation process: Thermoanalytical study of the precursors
Dedova, Tatjana; **Oja Acik, Ilona**; **Polivtseva, Svetlana**; **Krunks, Malle**; **Gromõko, Inga**; **Tõnsuaadu, Kaia**; **Mere, Arvo** Ceramics international 2019 / p. 2887-2892 : ill https://doi.org/10.1016/j.ceramint.2018.07.274 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

In-situ deposition of gold nanoparticles onto different substrates by chemical spray pyrolysis
Oja Acik, Ilona; **Oyekoya, Gboyega Nathaniel**; **Mere, Arvo**; **Katerski, Atanas**; **Mikli, Valdek**; **Krunks, Malle** IOP conference series : materials science and engineering 2015 / p. 1-5 : ill

Keemiliselt pihustatud CuInS2 kiled siledatel ja poorsetel elektroodidel
Kijatkina, Olga; **Krunks, Malle**; **Mere, Arvo** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 55

Keemiliselt sadestatud kaadmiumsulfiidi kilede lõõmutamisel toimuvad struktuursed muutused
Põldme, Nils; **Hiie, Jaan**; **Mikli, Valdek**; **Raadik, Taavi**; **Valdna, Vello**; **Mere, Arvo**; **Gavrilov, Aleksei**; Maticiuc, Natalia; Potlog,

Tamara; Quinci, Frederico; Lughi, Vanni; Sergo, Valter XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 65

Keemilistel meetoditel sadestatud õhukesed kiled päikeseenergeetikale
Krunks, Malle; **Oja, Ilona**; **Dedova, Tatjana**; **Mere, Arvo**; **Katerski, Atanas**; **Hiie, Jaan** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 47

Low-cost plasmonic solar cells prepared by chemical spray pyrolysis
Kärber, Erki; **Katerski, Atanas**; **Oja Acik, Ilona**; **Mikli, Valdek**; **Mere, Arvo**; Sildos, Ilmo; **Krunks, Malle** The Beilstein journal of nanotechnology 2014 / p. 2398-2402 : ill

Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes? [Võrguväljaanne]
Kalda, Jaan; **Mere, Arvo** novaator.err.ee 2021 "Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes?"

Magnetic and structural studies of LaMnO3 thin films prepared by atomic layer deposition
Khanduri, Himani; **Chandra Dimri, Mukesh**; Vasala, S.; Leinberg, Silver; Lõhmus, Rünno; Ashworth, T. V.; **Mere, Arvo**; **Krustok, Jüri**; Karppinen, Maarit; Stern, Raivo Journal of physics D : applied physics 2013 / p. 1-8 : ill

Magnetic studies on spinel ferrite nanoparticles synthesized by citrate combustion route
Chandra Dimri, Mukesh; Khanduri, Himani; **Mere, Arvo**; Stern, Raivo 13th International Conference on Magnetic Fluids : 7th-11th January 2013 : abstract book 2013 / p. 196-197

A method for producing conductive graphene biopolymer nanofibrous fabrics by exploitation of an ionic liquid dispersant in electrospinning
Javed, Kashif; **Krumme, Andres**; **Viirsalu, Mihkel**; **Krasnou, Illia**; **Plamus, Tiia**; **Vassiljeva, Viktoria**; **Tarasova, Elvira**; **Savest, Natalja**; **Mere, Arvo**; **Mikli, Valdek**; **Danilson, Mati**; **Kaljuvee, Tiit**; Lange, Sven Carbon 2018 / p. 148-156 : ill https://doi.org/10.1016/j.carbon.2018.08.034 https://novaator.err.ee/873101/ttu-teadlaste-arendatud-tselluloosikangaga-saab-vajadusel-laadida-telefoni Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructure evolution of TiC cermets with ferritic AISI 430L steel binder
Kolnes, Märt; **Mere, Arvo**; **Kübarsepp, Jakob**; **Viljus, Mart**; **Maaten, Birgit**; **Tarraste, Marek** Powder metallurgy 2018 / p. 197-209 : ill https://doi.org/10.1080/00325899.2018.1447268 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Modification of light absorption in thin CuInS2 films by sprayed Au nanoparticles
Katerski, Atanas; **Kärber, Erki**; **Oja Acik, Ilona**; Dolgov, Leonid; **Mere, Arvo**; Sildos, Ilmo; **Mikli, Valdek**; **Krunks, Malle** Nanoscale research letters 2014 / p. 1-6 : ill

Modification of light absorption in thin CuInS2 films by sprayed gold nanoparticles
Mere, Arvo; **Katerski, Atanas**; **Oja Acik, Ilona**; Dolgov, Leonid; Sildos, Ilmo; **Krunks, Malle** NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book 2013

Multi-purpose heterogeneous catalyst material from an amorphous cobalt metal–organic framework
Ping, Kefeng; **Alam, Mahboob**; **Kahnert, Sean Ray**; **Bhadoria, Rohit**; **Mere, Arvo**; **Mikli, Valdek**; Käärik, Maike; Aruväli, Jaan; Paiste, Päärn; Kikas, Arvo; Kisand, Vambola; **Järving, Ivar**; Leis, Jaan; Kongi, Nadežda; **Starkov, Pavel** Materials advances 2021 / p. 4009-4015 https://doi.org/10.1039/D1MA00414J

Nanostructured layers of ZnS obtained by spray pyrolysis
Dedova, Tatjana; **Gromõko, Inga**; **Mikli, Valdek**; **Volobujeva, Olga**; Utt, Kathriin; Sildos, Ilmo; **Mere, Arvo**; **Krunks, Malle** E-MRS 2013 Spring Meeting. Symposium P, Functional nanowires : synthesis, characterization and applications : poster session II 2013 / p. 15

Nanostructured solar cell based on spray pyrolysis deposited ZnO nanorod array
Krunks, Malle; **Katerski, Atanas**; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Mere, Arvo** Solar energy materials & solar cells 2008 / p. 1016-1019 : ill https://www.sciencedirect.com/science/article/pii/S0927024808000871

Nanostructured solar cell by spray pyrolysis : effect of titania barrier layer on the cell performance
Oja Acik, Ilona; **Katerski, Atanas**; **Mere, Arvo**; Aarik, Jaan; Aidla, Aleks; **Dedova, Tatjana**; **Krunks, Malle** Thin solid films 2009 / p. 2443-2447 : ill https://doi.org/10.1016/j.tsf.2008.11.018

NiO thin films deposited by chemical spray pyrolysis
Soon, Jaanika; **Krunks, Malle**; **Mikli, Valdek**; **Unt, Tarmo**; **Mere, Arvo** NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book 2013

Niobium doped TiO2 films by chemical spray pyrolysis [Online resource]
Dündar, Ibrahim; **Oja Acik, Ilona**; **Mere, Arvo**; **Katerski, Atanas**; **Krunks, Malle**; **Mikli, Valdek** Tartu Ülikooli ASTRA projekt PER

ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p http://fmtdk.ut.ee/teesid/

Niobium doped TiO2 layers by chemical spray pyrolysis
Dündar, Ibrahim; **Oja Acik, Ilona**; **Mere, Arvo**; **Katerski, Atanas**; **Krunks, Malle**; **Mikli, Valdek** Proceedings of 13th International Conference of Young Scientists on Energy Issues : CYSENI 2016 : May 26-27 2016, Kaunas, Lithuania 2016 / p. VII-241 - VII-250

Noble metal nanoparticles for improvement of fluorescent and photovoltaic materials
Dolgov, Leonid; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle**; **Mikli, Valdek** The international summer school "Nanotechnology: from fundamental research to innovations" and International research and practice conference "Nanotechnology and nanomaterials" (NANO-2013), 25 August-1 September, 2013, Bukovel, Ukraine : book of abstracts 2013 / p. 352

Observation of band gap fluctuations and carrier localization in Cu2CdGeSe4
Krustok, Jüri; **Raadik, Taavi**; **Kaupmees, Reelika**; **Grossberg, Maarja**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Mere, Arvo** Journal of physics D : applied physics 2019 / art. 285102 , 7 p. : ill https://doi.org/10.1088/1361-6463/ab1afd Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optical and structural properties of orthorhombic and tetragonal polymorphs of Cu2CdGeSe4
Grossberg, Maarja; **Raadik, Taavi**; **Krustok, Jüri**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Kaupmees, Reelika**; **Mikli, Valdek**; **Mere, Arvo** Thin solid films 2018 / p. 44-47 https://doi.org/10.1016/j.tsf.2018.09.031 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optical properties of sprayed ZnO thin films
Unt, Tarmo; **Kriisa, Merike**; **Mere, Arvo**; **Krunks, Malle** Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania 2013 / p. 482-489

Optoelectronic properties of CdSe - CdTe solid solutions
Valdna, Vello; **Mere, Arvo**; Voronin, A. MatTech '91 : The Second European East-West Symposium on Materials and Processes, May 26-30, 1991 : abstracts 1991 / p. 256

Organic and carbon aerogels containing rare-earth metals : their properties and application as catalysts
Kreek, Kristiina; **Kriis, Kadri**; **Maaten, Birgit**; **Uibu, Mai**; **Mere, Arvo**; **Kanger, Tõnis**; **Koel, Mihkel** Journal of non-crystalline solids 2014 / p. 43-48 : ill

Paneb imestama: kas koroonaviiruse vaktsiini sees on tõepoolest magnet?! : selgitav video
forte.delfi.ee 2021 / video Video

Phase composition of selenized Cu2ZnSnSe4 thin films determined by X-ray diffraction and Raman spectroscopy
Ganchev, Maxim; **Iljina, Julia**; **Kaupmees, Liina**; **Raadik, Taavi**; **Volobujeva, Olga**; **Mere, Arvo**; **Altosaar, Mare**; **Raudoja, Jaan**; **Mellikov, Enn** Thin solid films 2011 / p. 7394-7398 : ill

Photocatalytic oxidation of VOCs AS individual air pollutants and in mixtures on the TIO2 thin films
Sydorenko, Jekaterina; **Mere, Arvo**; **Krunks, Malle**; **Kritševskaja, Marina**; **Oja Acik, Ilona** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 58 l. Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference 2022

Photoluminescence of spray pyrolysis deposited ZnO nanorods
Kärber, Erki; **Raadik, Taavi**; **Dedova, Tatjana**; **Krustok, Jüri**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle** Nanoscale research letters 2011 / [7] p.: ill

Photoluminescence of Zn(SeTe) annealed phosphors
Valdna, Vello; **Krustok, Jüri**; **Mellikov, Enn**; **Mere, Arvo** Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 70

Photoluminescence of Zn(SeTe) annealed phosphors
Valdna, Vello; **Mellikov, Enn**; **Mere, Arvo** Physica scripta 1997 / p. 312-314

Pihustatud CuInS2 õhukeste kilede keemiline ja faasikoostis
Kijatkina, Olga; **Rebane, Helen**; **Oja, Ilona**; **Krunks, Malle**; **Mikli, Valdek**; **Mere, Arvo** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 52

Pihustuspürolüüsi meetodil sadestatud CuInS2 kilede lähteainete termiline lagunemine
Mere, Arvo; **Oja Acik, Ilona**; **Otto, Kairi**; **Krunks, Malle**; **Tõnsuaadu, Kaia** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 46

Plasmon resonance effect caused by gold nanoparticles formed on titanium oxide films
Tamm, Aile; **Oja Acik, Ilona**; **Krunks, Malle**; **Mere, Arvo** Thin solid films 2016 / p. 449-455 : ill https://doi.org/10.1016/j.tsf.2016.08.059

Plasmon-enhanced photocurrent by gold nanoparticles on extremely thin solar cells by chemical spray pyrolysis
Kärber, Erki; **Katerski, Atanas**; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Nanotechnology for Next Generation High Efficiency Photovoltaics : Spring International School & Workshop, Mao, Menorca, Balearic Islands (Spain), April 20-24, 2015 : book of abstracts 2015 / [1] p

Plasmonic control of light in thin film solar cell absorbers
Repän, Taavi; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo The International Summer School "Nanotechnology : from fundamental research to innovations" and International research and practice conference "Nanotechnology and nanomaterials" (NANO-2014), 23-30 August, 2014, Yaremche-Lviv, Ukraine : book of abstracts 2014 / p. 494

Plasmonic enhancement of light absorption in CuInS2 layer doped by gold nanoparticles
Repän, Taavi; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo META'14 - Singapore : The 5th International Conference on Metamaterials, Photonic Crystals and Plasmonics : book of abstracts 2014

Plasmonic TiO2:Au composite layers deposited in situ by chemical spray pyrolysis
Oja Acik, Ilona; **Oyekoya, Gboyega Nathaniel**; **Mere, Arvo**; Loot, Ardi; Dolgov, Leonid; **Mikli, Valdek**; **Krunks, Malle**; Sildos, Ilmo Surface and coatings technology 2015 / p. 27-31 : ill http://dx.doi.org/10.1016/j.surfcoat.2015.01.036

Post-deposition thermal treatment of sprayed SnS films
Polivtseva, Svetlana; **Katerski, Atanas**; **Kärber, Erki**; **Oja Acik, Ilona**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle** Thin solid films 2017 / p. 179-184 : ill https://doi.org/10.1016/j.tsf.2017.01.014

Post-deposition thermal treatment of sprayed SnS films [Online resource]
Polivtseva, Svetlana; **Katerski, Atanas**; **Kärber, Erki**; **Oja Acik, Ilona**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p http://fmtdk.ut.ee/teesid/

Preparation of metal-doped carbon aerogels from oil shale processing by-products
Kreek, Kristiina; **Kulp, Maria**; **Uibu, Mai**; **Mere, Arvo**; **Koel, Mihkel** Oil shale 2014 / p. 185-194 : ill

Preparation of shape and size-controlled zinc oxide nanostructures by chemical spray pyrolysis technique
Dedova, Tatjana; **Krunks, Malle**; **Mere, Arvo**; **Klauson, Jelena**; **Volobujeva, Olga** Materials Research Society symposium proceedings 2007 / p. 0957-K10-26 [7 p.]

Properties of retted hemp fibres for reinforcement of composites
Marrot, Laetitia; **Alao, Percy Festus**; **Kallakas, Heikko**; **Poltimäe, Triinu**; **Kers, Jaan**; **Mikli, Valdek**; **Mere, Arvo** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 13 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Properties of ZnO-nanorod/In$_2$S$_3$/CuInS$_2$ solar cell and the constituent layers deposited by chemical spray method = Keemilise pihustuse meetodil sadestatud ZnO-nanovarras/In$_2$S$_3$/CuInS$_2$ päikesepatarei ja selle koostisosade omadused
Kärber, Erki 2014 https://www.ester.ee/record=b3073760*est

Properties of TiO2 films prepared by spray pyrolysis method
Oja, Ilona; **Mere, Arvo**; **Krunks, Malle**; Solterbeck, Claus-Henning; Es-Souni, Mohammed E-MRS Fall Meeting. Symposim F 2003 / [1] p

Properties of TiO2 films prepared by the spray pyrolysis method
Oja, Ilona; **Mere, Arvo**; **Krunks, Malle**; Solterbeck, C.-H.; Es-Souni, M. Solid state phenomena 2004 / p. 259-262 : ill

Päikeseenergeetika materjalid
Mellikov, Enn; **Altosaar, Mare**; **Bereznev, Sergei**; **Kauk, Marit**; **Krunks, Malle**; **Krustok, Jüri**; **Mere, Arvo**; **Raudoja, Jaan**; **Varema, Tiit**; **Öpik, Andres** Teaduse uued suunad : materjaliteadus : Eesti Teaduste Akadeemia seminari materjalid : 23.10.2003 2004 / lk. 11-21 : ill

Päikeseenergeetika tulevikku kujundavad kilepinnad ja tandempaneelid
Piir, Rait novaator.err.ee 2023 Päikeseenergeetika tulevikku kujundavad kilepinnad ja tandempaneelid

Raman spectroscopic study of In2S3 films prepared by spray pyrolysis
Kärber, Erki; **Otto, Kairi**; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Materials science in semiconductor processing 2014 / p. 137-142 : ill

Rapid thermal processing of Kesterite thin films

Ganchev, Maxim; Spasova, Stanka; **Raadik, Taavi**; **Mere, Arvo**; **Altosaar, Mare**; **Mellikov, Enn** Coatings 2023 / art. 1449 https://doi.org/10.3390/coatings13081449

Room temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and their thin films
Chandra Dimri, Mukesh; **Khanduri, Himani**; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; **Mere, Arvo**; **Krustok, Jüri**; Stern, Raivo 4th WUN International Conference on Spintronics (WUN-SPIN 2012) : 23–25 July 2012, Sydney, Australia 2012

Room-temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and thin films prepared by pulsed laser deposition
Chandra Dimri, Mukesh; **Khanduri, Himani**; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; **Mere, Arvo**; **Krustok, Jüri**; **Stern, Raivo** Journal of physics D : applied physics 2012 / p. 475003-1 - 475003-7 : ill

Sb2S3 grown by ultrasonic spray pyrolysis and its application in a hybrid solar cell
Kärber, Erki; **Katerski, Atanas**; **Oja Acik, Ilona**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle** Beilstein journal of nanotechnology 2016 / p. 1662-1673 : ill http://dx.doi.org/10.3762/bjnano.7.158

Sintering of high Mn cemented carbides in Mn-rich environment
Tarraste, Marek; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Kolnes, Märt**; **Viljus, Mart**; **Mere, Arvo** Defect and diffusion forum 2020 / p. 402−407 https://doi.org/10.4028/www.scientific.net/DDF.405.402 Conference proceedings at Scopus Article at Scopus

Solar cell on nanostructured ZnO by spray pyrolysis deposition
Katerski, Atanas; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** 2-nd International Conference on surfaces, Coatings and Nanostructured Materials (NANOSMAT 2007) : 9-11 July 2007, Alvor, Algarve, Portugal : abstracts book 2007 / p. 256

Solar cell structures based on sprayed CuInS2 absorber layer
Mere, Arvo; **Krunks, Malle**; **Kijatkina, Olga** Proceedings of the 20th Nordic Semiconductor Meeting : Optoelectronics Research Center, Tampere University of Technology, Tampere, Finland, August 25-27, 2003 2004

Solar cell structures by non-vacuum techniques based on sprayed CuInS2 absorber layers
Mere, Arvo; Katerski, M.; **Kijatkina, Olga**; **Krunks, Malle** 19th European Photovoltaic Solar Energy Conference : 7-11 June 2004, Paris, France 2004 / p. 1973-1976 : ill

Solution processed high-K oxides for application as gate dielectric layer in thin film transistor
Oluwabi, Abayomi Titilope; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle**; **Oja Acik, Ilona** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 67 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.p

Spray pyrolysis deposition of indium sulphide thin films
Otto, Kairi; **Katerski, Atanas**; **Mere, Arvo**; **Volobujeva, Olga**; **Krunks, Malle** Thin solid films 2011 / p. 3055-3060 : ill

Sprayed CuInS2 films grown under Cu-rich conditions as absorbers for solar cells
Krunks, Malle; **Kijatkina, Olga**; **Mere, Arvo**; **Varema, Tiit**; **Oja, Ilona**; **Mikli, Valdek** Solar energy materials & solar cells 2005 / p. 207-214 : ill

Spray-pyrolysis synthesised TiO2 thin films for photocatalytic air treatment from volatile organic compounds
Sydorenko, Jekaterina; **Krunks, Malle**; **Mere, Arvo**; **Krichevskaya, Marina**; **Oja Acik, Ilona** Proceedings 2023 / art. 37 https://doi.org/10.3390/proceedings2023092037

Structural analysis of apatite precipitated in the presence of proline
Tõnsuaadu, Kaia; **Kallaste, Toivo**; **Mikli, Valdek**; **Mere, Arvo**; **Nemliher, Jüri** 18th International Conference on Phosphorus Chemistry : July 11-15th, 2010, Wroclaw, Poland : book of abstracts 2010 / p. 185

Structural and electrical characterisation of high-k ZrO2 thin films deposited by chemical spray pyrolysis method
Oluwabi, Abayomi Titilope; **Acik, Ilona Oja**; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Thin Solid Films 2018 / p. 129 - 136 https://doi.org/10.1016/j.tsf.2018.07.035 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural and electrical characterization of TiO2 films grown by spray pyrolysis
Oja, Ilona; **Mere, Arvo**; **Krunks, Malle**; **Nisumaa, Reet**; Solterbeck, C.-H.; Es-Souni, M. Thin solid films 2006 / p. 674-677 : ill https://www.sciencedirect.com/science/article/pii/S0040609005025708

Structural and electrical properties of P-type NiO thin films deposited by spray pyrolysis
Vessart, R.; **Unt, Tarmo**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the 11th International Conference of Young Scientists on Energy Issues : CYSENI 2014 : May 29-30, 2014, Kaunas, Lithuania 2014 / p. VII-290-VII-297

Structural and electrical properties of spray deposited copper indium disulphide films for solar cells = Pihustussadestatud vaskindiumsulfiidkilede struktuursed ja elektrilised omadused ning rakendus päikesepatareides
Mere, Arvo 2006 https://www.ester.ee/record=b2132571*est

Structural and optical characterization of sprayed ZnS thin films
Dedova, Tatjana; **Kijatkina, Olga**; **Mere, Arvo**; **Volobujeva, Olga**; **Krunks, Malle** The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 38

Structural and optical characterization of sprayed ZnS thin films
Dedova, Tatjana; **Mere, Arvo**; **Krunks, Malle**; **Kijatkina, Olga**; **Oja, Ilona**; **Volobujeva, Olga** Proceedings of SPIE 2005 / Optical materials and applications, p. 34-40

Structural changes in CBD CdS: effect of rapid thermal annealing
Hiie, Jaan; Quinci, Frederico; Lughi, Vanni; Maticiuc, Natalia; Potlog, Tamara; **Mere, Arvo**; **Valdna, Vello**; **Gavrilov, Aleksei** "Thin film chalcogenide photovoltaic materials" (Symposium M, EMRS 2010 Spring Meeting) : 7-11 June 2010, Strasbourg, France 2010

Structural changes in chemically deposited CdS : effect of thermal annealing
Maticiuc, Natalia; Potlog, Tamara; **Hiie, Jaan**; **Mikli, Valdek**; **Põldme, Meeme**; **Raadik, Taavi**; **Valdna, Vello**; **Mere, Arvo**; **Gavrilov, Aleksei**; Sergo, V.; Quinci, Frederico; Lughi, Vanni Moldavian journal of the physical sciences 2010 / 3/4, p. 275-279

Structural changes of starch during baking and staling of rye bread
Mihhalevski, Anna; Heinmaa, Ivo; **Traksmaa, Rainer**; **Pehk, Tõnis**; **Mere, Arvo**; **Paalme, Toomas** Journal of agricultural and food chemistry 2012 / p. 8492-8500 : ill https://pubs.acs.org/doi/10.1021/jf3021877

Structural reproducibility of CdTe thin films deposited on different substrates by close space sublimation method
Potlog, Tamara; Spalatu, Nicolae; Maticiuc, Natalia; **Hiie, Jaan**; **Valdna, Vello**; **Mikli, Valdek**; **Mere, Arvo** Physica status solidi (a) : applications and materials science 2012 / p. 272-276 : ill https://ibn.idsi.md/ro/vizualizare_articol/188177

Studies of doped LaMnO3 samples prepared by citrate combustion process
Chandra Dimri, Mukesh; Khanduri, Himani; **Mere, Arvo**; Stern, Raivo AIP conference proceedings 2018 / art. 130015, 4 p. : ill https://doi.org/10.1063/1.5029085 Conference proceedings at Scopus Article at Scopus Article at WOS

Study of zinc thiocarbamide chloride, a single-source precursor for zinc sulfide thin films by spray pyrolysis
Krunks, Malle; Madarasz, Janos; Leskelä, T.; **Mere, Arvo**; Niinistö, L.; Pokol, György Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 2. ISBN 963-05-8044-6. p. 497-506 : ill

Study of the properties of TiO2 thin films deposited by ultrasonic spray pyrolysis [Online resource]
Chen, Z.; **Oja Acik, Ilona**; **Dündar, Ibrahim**; **Mere, Arvo** 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/

Study on the properties of TiO2 thin films deposited by ultrasonic spray pyrolysis
Chen, Zengjun; **Oja Acik, Ilona**; **Dündar, Ibrahim**; **Mere, Arvo** The 15th International Conference of Young Scientists on Energy Issues (CYSENI 2018) : 23-25 May 2018, Kaunas, Lithuania 2018 / p. X-416 - X-423 : ill
http://cyseni.com/archives/proceedings/Proceedings_of_CYSENI_2018.pdf

Surface analysis of spray deposited copper indium disulfide films
Katerski, Atanas; **Mere, Arvo**; Kazlauskiene, Vida; Miskinis, Juozas; Saar, Agu; Matisen, Leonard; Kikas, Arvo; **Krunks, Malle** Thin solid films 2008 / p. 7110-7115 : ill

Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO2 films
Oja Acik, Ilona; Dolgov, Leonid; **Krunks, Malle**; **Mere, Arvo**; **Mikli, Valdek**; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill

Surface plasmon resonance in ZnO nanorod arrays caused by gold nanoparticles for solar cell application
Gromõko, Inga; **Oja Acik, Ilona**; **Krunks, Malle**; **Dedova, Tatjana**; **Katerski, Atanas**; **Mere, Arvo**; **Mikli, Valdek**; **Vessart, Risto** Physica status solidi (c) 2015 / p. 1338-1343 : ill http://dx.doi.org/10.1002/pssc.201510103

Synthesis and electrical properties of potassium substituted hydrosodalites
Mere, Arvo; Hyvonen, D.; Heinmaa, I.; **Ruus, Tõnu** Proceedings of SPIE 2001 / p. 303-306

Synthesis control of charge separation at anatase TiO2 thin films studied by transient surface photovoltage spectroscopy
Dittrich, Thomas; **Sydorenko, Jekaterina**; **Spalatu, Nicolae**; Nickel, Norbert H.; **Mere, Arvo**; **Krunks, Malle**; **Oja Acik, Ilona** ACS applied materials & interfaces 2022 / p. 43163-43170 https://doi.org/10.1021/acsami.2c09032 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Zinc oxide nanorods grown by spray pyrolysis
Krunks, Malle; **Dedova, Tatjana**; **Mere, Arvo**; Aparina, Jelena; **Grossberg, Maarja** The 4th International Workshop on ZnO and

Related Materials : University of Gissen, Germany, Oct.3-6, 2006 2006 / p. 170

Zinc oxide nanostructured layers by chemical spray pyrolysis
Dedova, Tatjana; Aparina, Jelena; **Mere, Arvo**; **Volobujeva, Olga**; **Grossberg, Maarja**; **Krunks, Malle** International Conference : Advances in Nanostructured Materials, Processing - Microstructure - Properties : NANOVED 2006 - NENAMAT : May 14-17, 2006, Stara Lesna, Slovak Republic : book of abstracts 2006 / p. 105

Zinc oxide rods on different TCO substrates and seed layers by electrochemical deposition
Gromõko, Inga; **Dedova, Tatjana**; **Krunks, Malle**; **Mikli, Valdek**; **Unt, Tarmo**; **Oja Acik, Ilona**; **Mere, Arvo** Proceedings of the 11th International Conference of Young Scientists on Energy Issues : CYSENI 2014 : May 29-30, 2014, Kaunas, Lithuania 2014 / p. VII-298-VII-305

Zirconium doped TiO2 thin films deposited by chemical spray pyrolysis
Juma, Albert Owino; **Oja Acik, Ilona**; **Oluwabi, Abayomi Titilope**; **Mere, Arvo**; **Mikli, Valdek**; **Danilson, Mati**; **Krunks, Malle** Applied surface science 2016 / p. 539-545 : ill http://dx.doi.org/10.1016/j.apsusc.2016.06.093

(ZnCd)S and Zn(SeTe) downconverting phosphors
Valdna, Vello; **Hiie, Jaan**; **Mellikov, Enn**; **Mere, Arvo** Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 69

(ZnCd)S, (ZnCd)Se and Zn(Se, Te) downconverting phosphors
Valdna, Vello; **Hiie, Jaan**; **Mellikov, Enn**; **Mere, Arvo** Physica scripta 1997 / p. 319

ZnO nanorods grown electrochemically on different metal oxide underlays
Gromõko, Inga; **Dedova, Tatjana**; **Krunks, Malle**; **Sõritski, Vitali**; **Mere, Arvo**; **Mikli, Valdek**; **Unt, Tarmo**; **Oja Acik, Ilona** IOP conference series : materials science and engineering 2015 / p. 1-5 : ill http://dx.doi.org/10.1088/1757-899X/77/1/012012

ZnO nanorods via spray deposition of solutions containing zinc chloride and thiocarbamide
Dedova, Tatjana; **Volobujeva, Olga**; **Klauson, Jelena**; **Mere, Arvo**; **Krunks, Malle** Nanoscale research letters 2007 / p. 391-396 : ill https://link.springer.com/article/10.1007/s11671-007-9072-6

ZnO nanostructures by chemical spray for next generation solar cells
Krunks, Malle; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Kriisa, Merike**; **Mikli, Valdek**; **Katerski, Atanas**; **Kärber, Erki**; **Mere, Arvo** NEXTGEN NANO PV : book of abstracts 2013 / p. 31-32

ZnSe1-xTex solid solutions
Valdna, Vello; **Hiie, Jaan**; **Kallavus, Urve**; **Mere, Arvo**; **Piibe, Toomas** Journal of crystal growth 1996 / p. 177-180: ill

Tehniline kõrgharidus Eestis 25 aastat hiljem [Võrguväljaanne]
Mere, Arvo; **Viies, Vladimir** opleht.ee 2022 "Tehniline kõrgharidus Eestis 25 aastat hiljem"

The effect of growth temperature and spraying rate on the properties of ZnO:In films
Kriisa, Merike; **Kärber, Erki**; Unt, Tarmo; **Mere, Arvo**; **Krunks, Malle** Physica status solidi (c) 2012 / p. 1604-1606 : ill https://onlinelibrary.wiley.com/doi/pdf/10.1002/pssc.201200008

Thermal behaviour of precursors for CuInS2 thin films deposited by spray pyrolysis
Oja Acik, Ilona; **Otto, Kairi**; **Krunks, Malle**; **Tõnsuaadu, Kaia**; **Mere, Arvo** Journal of thermal analysis and calorimetry 2013 / p. 1455-1465 : ill

Thermal decomposition study of HAuCl4·3H2O and AgNO3 as precursors for plasmonic metal nanoparticles
Otto, Kairi; **Oja Acik, Ilona**; **Krunks, Malle**; **Tõnsuaadu, Kaia**; **Mere, Arvo** Journal of thermal analysis and calorimetry 2014 / p. 1065-1072 : ill

Thermoanalytical study of precursors for In2S3 thin films deposited by spray pyrolysis
Otto, Kairi; **Oja Acik, Ilona**; **Tõnsuaadu, Kaia**; **Mere, Arvo**; **Krunks, Malle** Journal of thermal analysis and calorimetry 2011 / p. 615-623 : ill

Thermoanalytical study of precursors for SnS thin films deposited by chemical spray pyrolysis method
Polivtseva, Svetlana; **Oja Acik, Ilona**; **Tõnsuaadu, Kaia**; **Mere, Arvo**; **Krunks, Malle** ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 86

Thermoanalytical study of precursors for tin sulfide thin films deposited by chemical spray pyrolysis
Polivtseva, Svetlana; **Oja Acik, Ilona**; **Krunks, Malle**; **Tõnsuaadu, Kaia**; **Mere, Arvo** Journal of thermal analysis and calorimetry 2015 / p. 177-185 : ill http://dx.doi.org/10.1007/s10973-015-4580-6

Thermoanalytical study of zinc thiocarbamide chloride
Krunks, Malle; Madarasz, Janos; Leskelä, T.; **Mere, Arvo**; Niinistö, L.; Pokol, György ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 42

Thickness effect on photocatalytic activity of TiO2 thin films fabricated by ultrasonic spray pyrolysis
Dundar, Ibrahim; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; **Oja Acik, Ilona** Catalysts 2020 / art. 1058
https://doi.org/10.3390/catal10091058 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tin sulfide films by spray pyrolysis technique using L-cysteine as a novel sulfur source
Polivtseva, Svetlana; **Oja Acik, Ilona**; **Katerski, Atanas**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle** Physica status solidi (c) 2016 / p. 18-23 : ill http://dx.doi.org/10.1002/pssc.201510098

TiO2 thin films by ultrasonic spray pyrolysis
Chen, Zengjun; **Dündar, Ibrahim**; **Oja Acik, Ilona**; **Mere, Arvo** IOP conference series : materials science and engineering 2019 / art. 012006, 7 p. : ill https://doi.org/10.1088/1757-899X/503/1/012006 Conference proceedings at Scopus Article at Scopus Article at WOS

Transparent TiO2 thin films with high photocatalytic activity for indoor air purification
Sydorenko, Jekaterina; **Mere, Arvo**; **Krunks, Malle**; **Krichevskaya, Marina**; **Oja Acik, Ilona** RSC advances 2022 / p. 35531-35542 https://doi.org/10.1039/D2RA06488J Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tseoliitide ioonse juhtivuse uurimine : väitekiri ... loodusteaduste magistri kraadi taotlemiseks tehnilise füüsika erialal
Mere, Arvo 1996 https://www.ester.ee/record=b2680784*est

Ultra thin TiO2 films with gold nanoparticles by the chemical spray pyrolysis method
Oja Acik, Ilona; **Oyekoya, G.**; **Dedova, Tatjana**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo Joint 12th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and 9th International Conference Functional Materials and Nanotechnologies : Institute of Solid State Physics, University of Latvia, September 29-October 2, Riga, Latvia : book of abstracts 2014 / p. 296

Ultrafine cemented carbides with cobalt and iron binders prepared via reactive in situ sintering
Tarraste, Marek; **Kübarsepp, Jakob**; **Mere, Arvo**; **Juhani, Kristjan**; **Kolnes, Märt**; **Viljus, Mart** Solid state phenomena ; 320 2021 / p. 176-180 https://doi.org/10.4028/www.scientific.net/SSP.320.176 Conference Proceedings at Scopus Article at Scopus

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/

Valmistume füüsika riigieksamiks 2002
Mere, Arvo Õpetajate Leht 2002 / 15. märts, Füüsika, lk. 1 : ill https://dea.digar.ee/cgi-bin/dea?a=d&d=opetajateleht20020315.1.9&e=-------et-25--1--txt-txIN%7ctxTI%7ctxAU%7ctxTA----------

Влияние механических напряжений на поверхностную и объемную проводимости некоторых диэлектриков
Bender, Villem; **Veimer, Vladimir**; **Mere, Arvo**; **Roninson, Aleksander**; **Silas, Aarne** Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 65-72

Влияние статических и динамических деформаций на электроизоляционные свойства резин
Bender, Villem; **Veimer, Vladimir**; **Mere, Arvo** Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / с. 100-108

Ионные процессы в каркасных алюмосиликатах
Denks, V.; **Mere, Arvo**; **Ruus, Tõnu** Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 35-51

К выбору конструкции фоточувствительных p-n переходов на основе антимонида индия
Gavrilov, Aleksei; **Danilov, J.V.**; **Katšurin, G.A.**; **Mere, Arvo** Физическая химия соединений AIIBVI 1981 / с. 105-112

Методы исследования исходных полупроводниковых материалов и эпитаксиальных структур
Mere, Arvo; **Paat, Aadu**; **Rusalep, Ervin**; **Uder, Ülo-Olimar** Применение эпитаксиальной технологии в производстве силовых полупроводниковых приборов : сборник материалов Всесоюзного научно-технического семинара. Часть 2 1978 / с. 173-180
https://www.ester.ee/record=b1273255*est

Полупроводниковые материалы
Palmre, Õie; **Hiie, Jaan**; **Mellikov, Enn**; **Varema, Tiit**; **Iljina, Natalja**; **Altosaar, Mare**; **Valdna, Vello**; **Krunks, Malle**; Karpenko, I.V.; **Türn, Leo**; **Kerm, Karin**; **Tilling, Aino**; Antsov, U.; Nõges, M.; **Varvas, Jüri**; **Nirk, Tiit**; **Kallavus, Urve**; **Öpik, Andres**; **Lott, Kalju**; Višnjakov, A.V.; **Raukas, Maie**; **Paat, Aadu**; **Uder, Ülo-Olimar**; **Gavrilov, Aleksei**; Danilov, J.V.; Katšurin, G.A.; **Mere, Arvo** 1981 https://www.ester.ee/record=b1533413*est

Полупроводниковые материалы
Reiter, Eerik; **Gavrilov, Aleksei**; Katšurin, G.A.; **Mankin, Romi**; **Paat, Aadu**; Denks, V.; **Mere, Arvo**; **Ruus, Tõnu**; **Veimer, Vladimir**; **Roninson, Aleksander**; **Bender, Villem**; **Kurik, Lembit**; Udris, V.; **Silas, Aarne** 1983
https://www.ester.ee/record=b1291687*est

Полупроводниковые материалы
Rusalep, Ervin; **Kukk, Peeter-Enn**; **Krustok, Jüri**; **Mädasson, Jaan**; **Altosaar, Mare**; **Ruus, Tõnu**; **Aarna, Heiti**; **Mankin, Romi**; **Reiter, Eerik**; **Krunks, Malle**; **Mellikov, Enn**; **Seilenthal, Mats**; **Vallaste, Heikki**; **Tuvike, Tiit**; **Palmre, Õie**; **Bender, Villem**; **Veimer, Vladimir**; **Mere, Arvo**; **Roninson, Aleksander**; **Silas, Aarne**; **Gavrilov, Aleksei**; **Paat, Aadu**; **Meiler, Boriss** 1986
https://www.ester.ee/record=b1296001*est

Полупроводниковые материалы
Reiter, Eerik; **Meiler, Boriss**; **Krustok, Jüri**; **Piibe, Toomas**; **Mädasson, Jaan**; **Altosaar, Mare**; Tomson, A.; **Kukk, Peeter-Enn**; **Tuvike, Tiit**; **Palmre, Õie**; **Vallaste, Heikki**; **Päid, Imbi**; **Kuusmets, Eela**; Petrov, P.; **Mellikov, Enn**; **Erm, Ants**; **Krunks, Malle**; **Gavrilov, Aleksei**; **Košelap, Andrei**; **Bender, Vladimir**; **Mere, Arvo**; **Veimer, Vladimir**; **Kurik, Lembit**; **Sinivee, Veljo** 1988
https://www.ester.ee/record=b1220756*est

Термостимулированная деполяризация содалитовой керамики
Mere, Arvo; **Reiter, Eerik**; **Ruus, Tõnu** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 40-52: ill

Установка для измерения диэлектрических потерь порошковых материалов в широком интервале температур (80-600 К) и в условиях высокого вакуума
Mere, Arvo Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 53-56

Устройство для создания знакопеременных механических напряжений в образцах диэлектрических материалов
Ždanovitš, V. V.; **Ivannikov, V. R.**; **Roninson, Aleksander**; **Mere, Arvo** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том I, Общественные науки. Физико-математические науки. Строительство. Экономика 1986 / с. 50
https://www.ester.ee/record=b1305540*est

Формирование P-слоев при внедрении ионов магния в InSb
Gavrilov, Aleksei; Danilov, J.V.; Katšurin, G.A.; **Mere, Arvo** Электронная техника. Серия 2, Полупроводниковые приборы : научно-технический сборник 1980 / с. 108-112 https://www.ester.ee/record=b2160501*est

Фотоэлектрические свойства твердых растворов селенотеллуридов кадмия
Valdna, Vello; Voronin, A.I.; **Mere, Arvo** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 30-39: ill