

Application of Differential Thermal Analysis for enthalpy evaluation of reactions during Copper Zinc Tin Selenide synthesis process

Leinemann, Inga; Kaljuvee, Tiit; Tönsuaadu, Kaia; Öpik, Andres; Altosaar, Mare; Meissner, Dieter 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 259

Chemical processes involved in Cu₂ZnSnSe₄ synthesis and SnS recrystallization in a molten salt medium = Keemilised protsessid Cu₂ZnSnSe₄ sünteesil ja SnS rekrystallisatsioonil sulade soolade keskkonnas

Leinemann, Inga 2019 <https://digi.lib.ttu.ee/i/?11250>

Comparative study of SnS recrystallization in molten CdI₂, SnCl₂ and KI

Timmo, Kristi; Kauk-Kuusik, Marit; Pilvet, Maris; Mikli, Valdek; Kärber, Erki; Raadik, Taavi; Leinemann, Inga; Altosaar, Mare; Raudoja, Jaan Physica status solidi (c) 2016 / p. 8-12 : ill <http://dx.doi.org/10.1002/pssc.201510082>

Comparison of copper zinc tin selenide formation in molten potassium iodide and sodium iodide as flux materials

Leinemann, Inga; Raudoja, Jaan; Grossberg, Maarja; Traksmaa, Rainer; Kaljuvee, Tiit; Altosaar, Mare; Meissner, Dieter Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010 2011 / [8] p https://www.researchgate.net/publication/284715158_COMPARISON_OF_COPPER_ZINC_TIN_SELENIDE_FORMATION_IN_MOLTEN_POTASSIUM_IODIDE_AND_SODIUM_IODIDE_AS_FLUX_MATERIALS

Cu₂ZnSnSe₄ formation and reaction enthalpies in molten NaI starting from binary chalcogenides

Leinemann, Inga; Zhang, Weihao; Kaljuvee, Tiit; Tönsuaadu, Kaia; Traksmaa, Rainer; Raudoja, Jaan; Grossberg, Maarja; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2014 / p. 1313-1321 : ill

Formation of copper zinc tin sulfide in cadmium iodide for monograin membrane solar cells

Nkwusi, Godswill; Leinemann, Inga; Grossberg, Maarja; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Conference proceedings of the Conference of Young Scientists on Energy Issues : CYSENI 2012 : May 24–25, Kaunas, Lithuania 2012 / p. II 38-II 46 : ill https://www.researchgate.net/publication/274889568_FORMATION_OF_COPPER_ZINC_TIN_SULFIDE_IN_CADMIDIUM_IODIDE_FOR_MONOGRAIN_MEMBRANE_SOLAR_CELLS

Impact of growth-synthesis conditions on Cu₂Zn_{1-x}CdxSnS₄ monograin material properties

Nkwusi, Godswill; Leinemann, Inga; Raudoja, Jaan; Mikli, Valdek; Karba, E.; Altosaar, Mare Superlattices and microstructures 2016 / p. 400-405 : ill <http://doi.org/10.1016/j.spmi.2016.09.006>

Lillekujulised kaadmiumseleniidi kristallid

Leinemann, Inga; Altosaar, Mare; Volobujeva, Olga Horisont 2018 / lk. 18-19 : fot https://www.esther.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-6-2018.pdf>

Novel Cu₂CdSnS₄ and Cu₂ZnGeSe₄ absorber materials for monograin layer solar cell application

Timmo, Kristi; Kauk-Kuusik, Marit; Altosaar, Mare; Raudoja, Jaan; Raadik, Taavi; Grossberg, Maarja; Varema, Tiit; Pilvet, Maris; Leinemann, Inga; Volobujeva, Olga; Mellikov, Enn EU PVSEC proceedings 2013 / p. 2385-2388 : ill

Reaction enthalpies of CZTSe synthesis in KI

Leinemann, Inga; Kaljuvee, Tiit; Tönsuaadu, Kaia; Altosaar, Mare Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 297

Reaction enthalpies of Cu₂ZnSnSe₄ synthesis in KI

Leinemann, Inga; Timmo, Kristi; Grossberg, Maarja; Kaljuvee, Tiit; Tönsuaadu, Kaia; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2015 / p. 1555-1564 : ill <http://dx.doi.org/10.1007/s10973-014-4339-5>

Reaction enthalpies of the CZTSe synthesis in NaI

Leinemann, Inga; Zhang, Weihao; Kaljuvee, Tiit; Tönsuaadu, Kaia; Altosaar, Mare Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 296

Reaction pathway to CZTSe formation in CdI₂ : Part 2: Chemical reactions and enthalpies in mixtures of CdI₂–CuSe–SnSe and CdI₂–CuSe–SnSe–ZnSe

Leinemann, Inga; Pilvet, Maris; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare Journal of thermal analysis and calorimetry 2018 / p. 433–441 <https://doi.org/10.1007/s10973-018-7415-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reaction pathway to Cu₂ZnSnSe₄ formation in CdI₂ : part 1. Chemical reactions and enthalpies in mixtures of CdI₂–ZnSe, CdI₂–SnSe, and CdI₂–CuSe

Leinemann, Inga; Nkwusi, Godswill; Timmo, Kristi; Volobujeva, Olga; Danilson, Mati; Raudoja, Jaan vt.ka Mädasson, Jaan; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2018 / p.409 - 421 : ill <https://doi.org/10.1007/s10973-018-7102-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of Cu₂(ZnCd)SnS₄ absorber material for monograin membrane applications
Nkwusi, Godswill; Leinemann, Inga; Raudoja, Jaan; Mikli, Valdek; Kauk-Kuusik, Marit; Altosaar, Mare; Mellikov, Enn MRS proceedings 2014

The processes and enthalpies in synthesis of Cu₂ZnSnS₄ in molten CdI₂

Nkwusi, Godswill; Leinemann, Inga; Altosaar, Mare International advanced research journal in science, engineering and technology 2016 / p. 113-119 : ill <http://dx.doi.org/10.17148/IARJSET.2016.3524>