

#### **Chemical bath deposition of ZnS films using different Zn-salts**

**Ernits, Kaia; Muska, Katri; Kauk, Marit; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; Altosaar, Mare**

Physics procedia : EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009 / p. BP4-10

#### **Chemical composition of CuInSe<sub>2</sub> monograin powders for solar cell application = CuInSe<sub>2</sub> monoterapulbri koostise uurimine ja rakendus päikesepatareides**

**Kauk, Marit** 2006 <https://digi.lib.ttu.ee/i/?99> [https://www.ester.ee/record=b2208780\\*est](https://www.ester.ee/record=b2208780*est)

#### **CZTS monograin powders and thin films**

**Mellikov, Enn; Meissner, Dieter; Altosaar, Mare; Kauk, Marit; Krustok, Jüri; Öpik, Andres; Volobujeva, Olga; Iljina, Julia; Timmo, Kristi; Klavina, J.; Raudoja, Jaan; Grossberg, Maarja; Varema, Tiit; Muska, Katri; Ganchev, Maxim; Bereznev, Sergei; Danilson, Mati** Advanced materials research 2011 / p. 8-13

#### **Cu<sub>2</sub>(Zn<sub>x</sub>Sn<sub>2-x</sub>)(SySe<sub>1-y</sub>)<sub>4</sub> monograin materials for photovoltaics**

**Mellikov, Enn; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Volobujeva, Olga; Kauk, Marit; Krustok, Jüri; Varema, Tiit; Grossberg, Maarja; Danilson, Mati; Muska, Katri; Ernits, Kaia; Lehner, Franz; Meissner, Dieter** Materials Challenges in Alternative and Renewable Energy: a collection of papers presented at the Materials Challenges in Alternative and Renewable Energy Conference February 21-24, 2010, Cocoa Beach, Florida 2011 / p. 137-142 : ill

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**Kauk, Marit; Altosaar, Mare; Raudoja, Jaan** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 49-50

#### **CuInSe<sub>2</sub> monograin growth in the liquid phase of potassium iodide**

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#### **CuInSe<sub>2</sub> preparation through a new solution based selenisation process**

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#### **Effects of sulphur and tin disulphide vapour treatments of Cu<sub>2</sub>ZnSnS(Se)<sub>4</sub> absorber materials for monograin solar cells**

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#### **Further developments in CIS monograin layer solar cells technology**

**Altosaar, Mare; Danilson, Mati; Kauk, Marit; Krustok, Jüri; Mellikov, Enn; Raudoja, Jaan; Timmo, Kristi; Varema, Tiit** Solar energy materials and solar cells 2005 / p. 25-32 : ill

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#### **Influence of compositional deviations on the properties of Cu<sub>2</sub>ZnSnSe<sub>4</sub> monograin powders**

**Muska, Katri; Kauk, Marit; Grossberg, Maarja; Altosaar, Mare; Raudoja, Jaan; Volobujeva, Olga** Energy procedia 2011 / p. 323-327

#### **Interaction between point defects, extended defects and impurities in the Si-SiO<sub>2</sub> system during the process of its formation**

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#### **Monograin layer solar cells**

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#### **Monograin layer solar cells**

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#### **Sulfur-containing Cu<sub>2</sub>ZnSnSe<sub>4</sub> monograin powders for solar cells**

**Timmo, Kristi; Altosaar, Mare; Raudoja, Jaan; Muska, Katri; Pilvet, Maris; Kauk, Marit; Varema, Tiit; Danilson, Mati; Volobujeva, Olga; Mellikov, Enn** Solar energy materials & solar cells 2010 / 11, p. 1889-1892 : ill

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