

**Anion effect of zinc source to chemically deposited ZnS(O,OH) films**

**Ernits, Kaia; Muska, Katri; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; Altosaar, Mare** Advances in material science and engineering 2009 / [5] p. : ill

**Characterisation of ultrasonically sprayed In<sub>x</sub>S<sub>y</sub> buffer-layers for Cu(In,Ga)Se<sub>2</sub> solar cells**

**Ernits, Kaia; Bremaud, D.; Mellikov, Enn** Thin solid films 2007 / 15, p. 6051-6054

<https://www.sciencedirect.com/science/article/abs/pii/S0040609006016178>

**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 2009 / p. BP4-10

**Chemical incorporation of copper into indium selenide thin films**

Hibberd, C.J.; **Ernits, Kaia**; Kaelin, M.; Tiwari, A.N. 4th Photovoltaic Science, Applications and Technology Conference C89 : University of Bath, United Kingdom, 2-4 April, 2008 2008 / p. 052

**Chemical incorporation of copper into indium selenide thin-films for processing of CuInSe<sub>2</sub> solar cells**

Hibberd, C.J.; **Ernits, Kaia**; Kaelin, M.; Mueller, U.; Tiwari, A.N. Progress in photovoltaics : research and applications 2008 / 7, p. 585-593 : ill

**Comparison of CdS films deposited from chemical baths containing different doping impurities**

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**Cu<sub>2</sub>(ZnxSn<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

**Flexible Cu(In,Ga)Se<sub>2</sub> on Al foils and the effects of Al during chemical bath deposition**

Bremaud, D.; Rudmann, D.; Kaelin, M.; **Ernits, Kaia**; Bilger, G.; Döbeli, M.; Zogg, H.; Tiwari, A.N. Thin solid films 2007 / 15, p. 5857-5861 <https://www.sciencedirect.com/science/article/pii/S0040609006016087>

**Research in solar cell technologies at Tallinn University of Technology**

Mellikov, Enn; Altosaar, Mare; Krunks, Malle; Krustok, Jüri; Varema, Tiit; Volobujeva, Olga; Grossberg, Maarja; Kaupmees, Liina; Dedova, Tatjana; Timmo, Kristi; Ernits, Kaia; Kois, Julia; Oja Acik, Ilona; Danilson, Mati; Bereznov, Sergei Thin solid films 2008 / 20, p. 7125-7134 : ill

**Study of In<sub>x</sub>Si<sub>1-x</sub> and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli pihustuspürolüüs ja keemilise sadestamise meetodil kasvatatud In<sub>x</sub>Si<sub>1-x</sub> ja ZnS õhukeste kilede uuringmine**

**Ernits, Kaia** 2009 <https://digi.lib.ttu.ee/i/?452> [https://www.esther.ee/record=b2524289\\*est](https://www.esther.ee/record=b2524289*est)

**Tailoring the composition and properties of CuInSe<sub>2</sub> materials for solar cell application**

**Kauk, Marit; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Grossberg, Maarja; Varema, Tiit; Ernits, Kaia** Proceedings of SPIE 2005 / Optical materials and applications, p. 224

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**Ernits, Kaia; Kaelin, M.; Bremaud, D.** Proceedings of 21st European Photovoltaic Solar Energy Conference and Exhibition : Dresden, Germany, 4-8 September 2006 2006 / p. 1853-1856