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 InxSy buffer-layers for Cu(In,Ga)Se2 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 CuInSe2 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
Altosaar, Mare; **Ernits, Kaia**; **Krustok, Jüri**; **Varema, Tiit**; **Raudoja, Jaan**; **Mellikov, Enn** Thin solid films 2005 / p. 147-150 : ill

Cu2(ZnxSn2-x)(SySe1-y)4 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

Effect of germanium incorporation on the properties of kesterite Cu2ZnSn(S,Se)4 monograins
Oueslati, Souhaib; Grossberg, Maarja; **Kauk-Kuusik, Marit**; Mikli, Valdek; Ernits, Kaia; Meissner, Dieter; Krustok, Jüri Thin solid films 2019 / p. 315–320 : ill https://doi.org/10.1016/j.tsf.2018.11.020 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Flexible Cu(In,Ga)Se2 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

Influence of order-disorder in Cu2ZnSnS4 powders on the performance of monograin layer solar cells
Timmo, Kristi; **Kauk-Kuusik, Marit**; **Pilvet, Maris**; **Raadik, Taavi**; **Altosaar, Mare**; **Danilson, Mati**; **Grossberg, Maarja**; **Raudoja, Jaan**; Ernits, Kaia Thin solid films 2017 / p. 122-126 : ill https://doi.org/10.1016/j.tsf.2016.10.017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Low temperature time resolved photoluminescence in ordered and disordered Cu2ZnSnS4 single crystals
Raadik, Taavi; **Krustok, Jüri**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Grossberg, Maarja**; Ernits, Kaia; Bleuse, J. Physica B : condensed matter 2017 / p. 47-50 : ill https://doi.org/10.1016/j.physb.2016.12.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

p–n junction improvements of Cu_2ZnSnS_4/CdS monograin layer solar cells
Kauk-Kuusik, Marit; **Timmo, Kristi**; **Danilson, Mati**; **Altosaar, Mare**; **Grossberg, Maarja**; Ernits, Kaia Applied surface science 2015 / p. 795-798 : ill https://doi.org/10.1016/j.apsusc.2015.09.094 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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**; **Bereznev, Sergei** Thin solid films 2008 / 20, p. 7125-7134 : ill

Spatially resolved opto-electrical performance investigations of Cu2ZnSnS3.2Se0.8 photovoltaic devices
Neubauer, Christian; **Samieipour, Ali**; **Oueslati, Souhaib**; Ernits, Kaia; Meissner, Dieter Energy Science & Engineering 2018 / p. 563-569 : ill https://doi.org/10.1002/ese3.232 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stability, reliability, upscaling and possible technological applications of kesterite solar cells
Larramona, G.; Chone, C.; **Meissner, Dieter**; Ernits, Kaia Journal of Physics Energy 2020 / art. 024009, 14 p https://doi.org/10.1088/2515-7655/ab7cee Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Study of InISI and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli pihustuspürolüüsi ja keemilise sadestamise meetodil kasvatatud InISI ja ZnS õhukeste kilede uurimine
Ernits, Kaia 2009 https://digi.lib.ttu.ee/i/?452 https://www.ester.ee/record=b2524289*est

ZnS buffer layer for $Cu_2ZnSn(SSe)_4$ monograin layer solar cell
Nguyen, Mai; Ernits, Kaia; **Meissner, Dieter** Solar energy 2015 / p. 344-349 : ill http://dx.doi.org/10.1016/j.solener.2014.11.006

Tailoring the composition and properties of CuInSe2 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

To grind or not to grind? The influence of mechanical and thermal treatments on the Cu/Zn disorder in Cu2ZnSn(SxSe1-x)4 monograins
Gurieva, Galina; Rotaru, Victoria; Ernits, Kaia; Siminel, Nichita A.; Manjón-Sanz, Alicia; Kirkham, Melanie J.; Perez-Rodriguez, Alejandro; Guc, Maxim; **Meissner, Dieter**; Schorr, Susan Solar Energy Materials and Solar Cells 2022 / Art. 112009
https://doi.org/10.1016/j.solmat.2022.112009 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ultrasonically sprayed In2S3 films for Cu(In,Ga)Se2 solar cells
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