

Ageing of kesterite solar cells 1 : Degradation processes and their influence on solar cell parameters

Neubauer, Christian; Samiepour, Ali; Oueslati, Souhaib; Danilson, Mati; Meissner, Dieter Thin solid films 2019 / p. 595-599 : ill
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Ageing of kesterite solar cells 2 : Impact on photocurrent generation

Samiepour, Ali; Neubauer, Christian; Oueslati, Souhaib; Mikli, Valdek; Meissner, Dieter Thin solid films 2019 / p. 509-513 : ill
<https://doi.org/10.1016/j.tsf.2018.11.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

All solution processed transparent front contact for monograin layer kesterite solar cells

Edinger, Stefan; Bansal, Neha; Wibowo, Adhi Rachmat; Winkler, Nina; Illich, Peter; Zechmeister, Armin; Plessing, Lukas; Meissner, Dieter Progress in photovoltaics : research and applications 2019 / p. 547-555 <https://doi.org/10.1002/pip.3122> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Leinemann, Inga; Kaljuvee, Tiit; Tõnsuaadu, 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

Band positions and electrochemistry of CdSe(x)Te(1-x) semiconductor electrodes

Wirts, Christian; Altosaar, Mare; Krunks, Malle; Varema, Tiit; Mellikov, Enn; Meissner, Dieter Abstracts of the First Gerischer Symposium on Semiconductor Electrochemistry, 1999 1999 / p. 8

Characterization of fuel cells and fuel cell systems using three-dimensional X-ray tomography

Griesser, Stefan; Buchinger, G.; Raab, T.; Claassen, D.P.; Meissner, Dieter Journal of fuel cell science and technology 2007 / 1, p. 84-87 <https://asmedigitalcollection.asme.org/electrochemical/article/4/1/84/459547/Characterization-of-Fuel-Cells-and-Fuel-Cell>

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

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

Chemistry and materials science - high level learning via research and practical training

Meissner, Dieter; Mellikov, Enn; Öpik, Andres; Burk, Peeter; Lust, Enn 6th Eurovariety in Chemistry Education 2015 : Chemistry Education for Responsible Citizenship and Employability : June, 30-July, 2, 2015, Tartu, Estonia 2015 / p. 43-45

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

Leinemann, Inga; Raudoja, Jaan; Grossberg, Maarja; Traksmäa, 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

CZTS (Cu₂ZnSnSe₄) crystal growth for use in monograin membrane solar cells

Klavina, Inga; Raudoja, Jaan; Altosaar, Mare; Mellikov, Enn; Meissner, Dieter; Kaljuvee, Tiit Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010 2010 / p. VII 345 - VII 353

CZTS (Kesterite) monograin membranes for photoelectrochemical water splitting (preparation and characterization)

Kouhiisfahani, Elham; Samiepour, Ali; Meissner, Dieter TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogia" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

CZTS monograin membranes for photoelectrochemical fuel production modifications for fuel production

Kouhiisfahani, Elham; Samiepour, Ali; Morawietz, Tobias; Kraut, Jürgen; Hiesgen, Renate; Meissner, Dieter 5th International Conference on Clean Electrical Power : Renewable Energy Resources Impact : Taormina (Italy), 16th-18th June 2015 2015 / p. 222-225 : ill <http://dx.doi.org/10.1109/ICCEP.2015.7177627>

CZTS monograin membranes for photoelectrochemical fuel production preparation and characterization

Samiepour, Ali; Kouhiisfahani, Elham; Galajev, Semjon; Meissner, Dieter 5th International Conference on Clean Electrical Power : Renewable Energy Resources Impact : Taormina (Italy), 16th-18th June 2015 2015 / p. 212-215 : ill <http://dx.doi.org/10.1109/ICCEP.2015.7177625>

CZTS monograin membranes for photoelectrochemical water splitting

Kois, Julia; Galajev, Semjon; Kouhiisfahani, Elham; Neubauer, Christian; Raud, Jaanika; Samiepour, Ali; Taskesen, Teoman; Meissner, Dieter BEC 16 : the 6th Baltic Electrochemistry Conference : Electrochemistry of Functional Interfaces and Materials : 15th-17th June 2016, Helsinki, Finland 2016 / p. 61 : ill

CZTS monograin membranes for photoelectrochemical water splitting

Samiepour, Ali; Kouhiisfahani, Elham; Galajev, Semjon; Morawietz, Tobias; Hiesgen, Renate; Meissner, Dieter Autumn School

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

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

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

Cu₂(Zn_xSn_{2-x})(SySe_{1-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

CuInS₂-Poly(3-(ethyl-4-butanoate)thiophene) nanocomposite solar cells : preparation by an in situ formation route, performance and stability issues

Maiera, Eugen; Ratha, Thomas; Haas, Wernfried; Werzer, Oliver; Saf, Robert; Hofer, Ferdinand; Meissner, Dieter; Volobujeva, Olga; Bereznev, Sergei; Mellikov, Enn; Amenitsch, Heinz; Resel, Roland; Trimmel, Gregor Solar energy materials and solar cells 2011 / p. 1354-1361 : ill

CuInSe₂/polypyrrole photovoltaic structure prepared by electrodeposition

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume I 2002 / p. 160-163 : ill

CuInSe₂/polypyrrole (polyaniline) photovoltaic structures

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter Proceedings of the 14th Workshop on Quantum Solar Energy Conversion : QUANTSOL 2002, March 17-23, 2002, Rauris, Österreich 2002 / [2] p. : 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](#)

Electrochemical deposition of compound semiconductor thin films

Altosaar, Mare; Hiesgen, Renate; Guo, Ycping; Meissner, Dieter Baltic Conference on Interfacial Electrochemistry, June 14-18, 1996, Tartu : extended abstracts 1996 / p. 29-31

Electrochemical deposition of compound semiconductor thin films

Altosaar, Mare; Mellikov, Enn; Kois, Julia; Guo, Ycping; Meissner, Dieter Electrochemical Society proceedings. Vol. 97-20, The 1997 Joint International Meeting of the Electrochemical Society and the International Society of Electrochemistry 1997 / p. 11-15

Elektrokeemilised CuInSe₂/polüüpürrool struktuurid päikeseenergeetikale

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 16-17

Formation and properties of chemically sprayed ZnO films

Krunk, Malle; Mellikov, Enn; Bijakina, Olga; Varema, Tiit; Meissner, Dieter Optical organic and semiconductor inorganic materials 1997 / p. 129-134

Formation and properties of chemically sprayed ZnO films

Krunk, Malle; Mellikov, Enn; Bijakina, Olga; Varema, Tiit; Meissner, Dieter International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 193

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

Nkwusi, Godswill; Leinemann, Inga; Grossberg, Maarja; Kaljuvee, Tiit; Traksmäa, 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_CADMIUM_IODIDE_FOR_MONOGRAIN_MEMBRANE_SOLAR_CELLS

Growth of CdTe monograin powders

Hiie, Jaan; Altosaar, Mare; Mellikov, Enn; Kuk, Peeter-Enn; Sapogova, J.; Meissner, Dieter Physica scripta 1997 / p. 155-158: ill

Growth of CZTS-based monograins and their application to membrane solar cells

Mellikov, Enn; Altosaar, Mare; Kauk-Kuusik, Marit; Timmo, Kristi; Meissner, Dieter; Grossberg, Maarja; Krustok, Jüri; Volobujeva, Olga Copper zinc tin sulfide-based thin film solar cells 2015 / p. 289-309 : ill

Highly flexible single crystalline solar modules, the ideal solution for versatile building integrated photovoltaic

Meissner, Dieter TRATERMAT 2019 : XVI Congreso Internacional de Tratamientos Térmicos y de Superficie 2020 / p. 21-22
<https://dialnet.unirioja.es/servlet/articulo?codigo=7551145>

Ionically conductive monograin membranes

Kouhiisfahani, Elham; Samiepour, Ali; Morawietz, Tobias; Handl, Michael; Simolka, Matthias; Hiesgen, Renate; **Meissner, Dieter** Physical Society of Iran Conference 2015 / p. 208-211 : ill

Kesterite monograins for solar cells and water splitting applications

Oueslati, Souhaib; Pilvet, Maris; Grossberg, Maarja; Kauk-Kuusik, Marit; Krustok, Jüri; Meissner, Dieter Thin solid films 2021 / art. 138981 <https://doi.org/10.1016/j.tsf.2021.138981> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large area low cost single crystalline photovoltaic and photoelectrochemical devices

Varema, Tiit; Altosaar, Mare; Deppe, M.; Wirts, C.; Deppe, J.; Hiesgen, Renate; **Mellikov, Enn;** Meissner, Dieter Baltic Conference on Interfacial Electrochemistry, June 14-18, 1996, Tartu : extended abstracts 1996 / p. 243-245: ill

LBIC characterisation of Cu₂ZnSn(S,Se)₄ monograin photovoltaic cells

Neubauer, Christian; Meissner, Dieter Photovoltaic Technical Conference From Advanced Materials and Processes to Innovative Applications : 2015 May 27-29, Aix-en-Provence 2015 / [2] p : ill

Molecular scale organized polyconjugated polymer-heteropolyacid composites

Kulak, Anatoly; Kokorin, Alexander; Kulak, Tamara; **Meissner, Dieter** Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 12-17 : ill

Monograin layers and membranes for photovoltaic

Mellikov, Enn; Altosaar, Mare; Varema, Tiit; Deppe, M.; Wirts, C.; Deppe, J.; Hiesgen, Renate; Meissner, Dieter 25th IEEE Photovoltaic Specialists Conference, Washington, 1996 1996 / p. 212

Monograin layers as optoelectronic devices

Mellikov, Enn; Meissner, Dieter; **Varema, Tiit; Hiie, Jaan; Altosaar, Mare** International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 171

Monograin layers as optoelectronic devices

Mellikov, Enn; Meissner, Dieter; **Varema, Tiit; Hiie, Jaan; Altosaar, Mare** Optical inorganic dielectric materials and devices 1997 / p. 214-219

Monograin membranes as artificial thylakoid membranes [Online resource]

Samiepour, Ali; Kouhiisfahani, Elham; Morawietz, Tobias; Hiesgen, Renate; **Meissner, Dieter** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

Monograin powders and layers for photovoltaic application

Altosaar, Mare; Hiie, Jaan; Mellikov, Enn; Meissner, Dieter; **Varema, Tiit** Abstracts of MRS Spring Meeting, San Francisco, 1996 1996 / p. 169

Monograin powders for solar energetics

Mellikov, Enn; Altosaar, Mare; Hiie, Jaan; Meissner, Dieter Proceedings of 12th European Photovoltaic Solar Energy Conference, Amsterdam, 1994 1994 / p. 1619-1622

Monokornmembran-Elektroden : grossflächige Einkristallelektroden aus Halbleiterpulvern

Wirts, C.; Deppe, M.; Guo, Y.; **Altosaar, Mare; Varema, Tiit; Mellikov, Enn;** Meissner, Dieter Struktur und Reaktivität von Elektrodenoberflächen : 60. Bunsenkolloquium : book of abstracts 1995 / S. P40

Multiple role of fluxing agent in the recrystallization process

Hiie, Jaan; Altosaar, Mare; Mellikov, Enn; Meissner, Dieter; Brammer, T. 2nd World Conference and Exhibition on Photovoltaic Solar Energy Conversion, 6-10 July 1998 1998 / p. 732-734: ill

Multiple role of fluxing agent in the recrystallization process

Hiie, Jaan; Altosaar, Mare; Mellikov, Enn; Meissner, Dieter; Brammer, T. Proceedings of the 2nd World Conference on Photovoltaic Solar Energy Conversion : Jerusalem, Israel, July 4-9, 1999. Vol. 1 2000 / p. 732-734

A new curriculum in sustainable energetics in Estonia

Meissner, Dieter; Mellikov, Enn; Öpik, Andres; Koppel, Ilmar; Lust, Enn The journal of materials education 2009 / 1/2, p. 23-32

Photoelectrochemistry of CdSexTe1-x

Wirts, C.; **Altosaar, Mare; Krunks, Malle; Varema, Tiit; Mellikov, Enn;** Meissner, Dieter Proceedings of International Conference QUANTSOL'99 : Wildhaus, Switzerland, 1999 1999 / p. 15-18

Photovoltaics based on semiconductor powders

Meissner, Dieter The Proceedings of the 1st International Porous and Powder Materials Symposium and Exhibition PPM 2013 : 3-6 September 2013 Çeşme Izmir-TURKEY 2013 / p. 405-416 : ill

Photovoltaics based on semiconductor powders

Meissner, Dieter Materials and processes for energy : communicating current research and technological developments [E-book] 2013 / p. 114-125 : ill <http://www.formatex.info/energymaterialsbook/chapters.html>

Polypyrrole photovoltaic structure prepared by electrodeposition

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter Seventeenth European Photovoltaic Solar Energy Conference and Exhibition : München, Germany, October 22-26, 2001 : book of abstracts 2001 / p. 150

Reaction enthalpies of Cu₂ZnSnSe₄ synthesis in KI

Leinemann, Inga; Timmo, Kristi; Grossberg, Maarja; Kaljuvee, Tiit; Tõnsuaadu, Kaia; Traksmäa, 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 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 Mäddasson, Jaan; Kaljuvee, Tiit; Traksmäa, 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](#)

Saksa teadlane hoiatab: "Tallinn jääb vee alla" : [intervjuu TTÜ audoktori Dieter Meissner'iga]

Meissner, Dieter Eesti Ekspress 2011 / lk. 24-25 : ill

Scrutiny of MT-SOFC stack manifold design using CFD

Lawlor, V.; Hochenauer, C.; **Meissner, Dieter** The open fuel cells journal 2012 / [13] p. : ill <https://benthamopen.com/contents/pdf/TOFCJ/TOFCJ-5-1.pdf>

A self-rechargeable and flexible polymer solar battery

Dennler, G.; **Bereznev, Sergei; Meissner, Dieter; Mellikov, Enn; Öpik, Andres** Solar energy 2007 / 8, p. 947-957 <https://www.sciencedirect.com/science/article/pii/S0038092X07000424>

Solar energy conversion using powder materials : a new technology to save our climate

Meissner, Dieter International Conference On Renewable Energy (INCORE 2016) : book of programme and abstract 2016 / p. 14

Spatially resolved opto-electrical performance investigations of Cu₂ZnSnS_{3.2}Se_{0.8} photovoltaic devices

Neubauer, Christian; Samiepour, 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](#)

Spatially resolved opto-electronical investigations of monograin layer solar cells = Monoteraste päikesepatareide ruumilise lahutusega optoelektronsed uuringud

Neubauer, Christian 2019 <https://digi.lib.ttu.ee/11900>

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 (AgxCu_{1-x})₂ZnSn(S,Se)₄ monograins synthesized by molten salt method for solar cell applications

Oueslati, Souhaib; Kauk-Kuusik, Marit; Neubauer, Christian; **Mikli, Valdek; Meissner, Dieter;** Brammertz, Guy; Vermang, B.; **Krustok, Jüri; Grossberg, Maarja** Solar energy 2020 / p. 586-595 <https://doi.org/10.1016/j.solener.2020.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of Cu₂ZnSnSe₄ monograin formation in molten KI starting from binary chalcogenides

Klavina, Inga; Kaljuvee, Tiit; Timmo, Kristi; Raudoja, Jaan; Traksmäa, Rainer; Altosaar, Mare; Meissner, Dieter Thin solid

Zinc oxide thin films by spray pyrolysis method for solar cells

Krunks, Malle; Varema, Tiit; Meissner, Dieter Tallinna Tehnikaülikooli Toimetised 1994 / lk. 101-113: ill

ZnS buffer layer for Cu₂ZnSn(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 II/VI semiconductor materials properties to photoelectrochemical requirements

Wirts, C.; **Altosaar, Mare; Varema, Tiit; Mellikov, Enn; Meissner, Dieter** Tenth Int. Conf. on Photochemical Conversion and Storage of Solar Energy, (IPS-10) : book of abstracts. Interlaken, 1995 1995

Tailoring II/VI semiconductor materials properties to photoelectrochemical requirements

Wirts, C.; **Altosaar, Mare; Varema, Tiit; Mellikov, Enn; Meissner, Dieter** 10th International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-10) : book of abstracts, Interlaken, Switzerland, 1994 1994 / p. 387-388

Teaching sustainable energetics

Meissner, Dieter; Burk, Peeter; Koppel, Ilmar; Lust, Enn; Mellikov, Enn; Öpik, Andres International Conference On Renewable Energy (INCORE 2016) : book of programme and abstract 2016 / p. 13

Technology of CdTe monograin powders

Altosaar, Mare; Hiie, Jaan; Mellikov, Enn; Varema, Tiit; Kukk, Peeter-Enn; Meissner, Dieter Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 89-97: ill

Temperature dependence of Cu₂ZnSn(SexS_{1-x})₄ monograin solar cells

Krustok, Jüri; Josepson, Raavo; Danilson, Mati; Meissner, Dieter Solar energy 2010 / 3, p. 379-383 : ill

The nexus of energy for free and world society

Wittmann, Veronika; **Meissner, Dieter** Proceedings of 2018 6th International Renewable and Sustainable Energy Conference (IRSEC) 2019 / 6 p. : ill <https://doi.org/10.1109/IRSEC.2018.8702953>

The nexus of world electricity and global sustainable development

Wittmann, Veronika; Arici, Elif; **Meissner, Dieter** Energies 2021 / art. 5843, 21 p. : ill <https://doi.org/10.3390/en14185843> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

To grind or not to grind? The influence of mechanical and thermal treatments on the Cu/Zn disorder in Cu₂ZnSn(SxSe_{1-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](#)