

**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 <https://doi.org/10.1016/j.tsf.2018.11.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](#)

**Amorphous Zn(O,Se) buffer layer for Cu(In,Ga)Se<sub>2</sub> thin film solar cells**

Abdalla, Akram; Danilson, Mati; Oueslati, Souhaib; Pilvet, Maris; Bereznev, Sergei Materials science in semiconductor processing 2021 / art. 105862 <https://doi.org/10.1016/j.mssp.2021.105862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of germanium incorporation on the properties of kesterite Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> 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](#)

**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](#)

**Modelling of Cu<sub>2</sub>ZnSnSe<sub>4</sub>-CdS-ZnO thin film solar cell**

Ben Messaoud, Khaled; Brammertz, Guy; Buffière, Marie; Oueslati, Souhaib Materials research express 2017 / art. 116403, 13 p. : ill <http://dx.doi.org/10.1088/2053-1591/aa94f3>

**Photoelectrochemical properties and band positions of Cd-substituted tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin materials grown in molten CdI<sub>2</sub> and Lil**

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Oueslati, Souhaib; Pilvet, Maris; Kauk-Kuusik, Marit Thin Solid Films 2022 / art. 139030 <https://doi.org/10.1016/j.tsf.2021.139030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Spatially resolved opto-electrical performance investigations of Cu<sub>2</sub>ZnSnS<sub>3.2</sub>Se<sub>0.8</sub> 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](#)

**Study of (Ag<sub>x</sub>Cu<sub>1-x</sub>)<sub>2</sub>ZnSn(S,Se)<sub>4</sub> 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 point defects in wide- bandgap Cu<sub>2</sub>CdGeS<sub>4</sub> microcrystals by temperature and laser power dependent photoluminescence spectroscopy**

Krustok, Jüri; Raadik, Taavi; Li, Xiaofeng; Kauk-Kuusik, Marit; Timmo, Kristi; Oueslati, Souhaib; Grossberg, Maarja Journal of physics D : applied physics 2020 / 10 p. : ill <https://doi.org/10.1088/1361-6463/ab83c1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)