# Thomas Dalibor

List of Publications by Year
in descending order



| 11 | 92 | 1684188 5 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 11 | 11 | 11 | 163 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Temperature coefficient characterization of CIGSSe solar cells with layer modifications. Solar Energy Materials and Solar Cells, 2021, 225, 111059. | 6.2 | 4 |
| 2 | Impact of the Buffer/Absorber Interface on the Metastability of Fill Factor Temperature Coefficients in CIGSSe Solar Cells. Advanced Materials Interfaces, 2021, 8, 2100778. | 3.7 | 0 |
| 3 | Impact of UV-induced ozone and low-energy Ar+-ion cleaning on the chemical structure of Cu(In,Ga)(S,Se)2 absorber surfaces. Journal of Applied Physics, 2020, 128, . | 2.5 | 3 |
| 4 | Accessing the band alignment in high efficiency Cu(In,Ga)(Se,S)2 (CIGSSe) solar cells with an InxSy:Na buffer based on temperature dependent measurements and simulations. Journal of Applied Physics, 2018, 123, . | 2.5 | 4 |
| 5 | Improving performance by Na doping of a buffer layerâ€"chemical and electronic structure of the In<sub>x</sub>S<sub>y</sub>:Na/CuIn(S,Se)<sub>2</sub> thinâ€film solar cell interface. Progress in Photovoltaics: Research and Applications, 2018, 26, 359-366. | 8.1 | 20 |
| 6 | Electrical and optical analysis of InxSy:Na thin-films with varied sodium concentration as buffer layer in Cu(In,Ga)(S,Se)2 solar cells. Thin Solid Films, 2017, 633, 243-247. | 1.8 | 5 |
| 7 | Performance ratio study based on a device simulation of a 2D monolithic interconnected Cu(In,Ga)(Se,S)2 solar cell. Solar Energy Materials and Solar Cells, 2016, 157, 146-153. | 6.2 | 5 |
| 8 | Simulation study of the impact of interface roughness and void inclusions on Cu(In,Ga)(Se,S)<sub>2</sub> solar cells. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 298-306. | 1.8 | 7 |
| 9 | A simulation study on the impact of band gap profile variations and secondary barriers on the temperature behavior, performance ratio, and energy yield of Cu(In,Ga)(Se,S)<sub>2</sub>solar cells. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 336-347. | 1.8 | 9 |
| 10 | Comprehensive simulation model for Cu(In,Ga)(Se,S)2 solar cells. Solar Energy Materials and Solar Cells, 2015, 132, 162-171. | 6.2 | 27 |
| 11 | One-dimensional simulation of sequentially processed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0016.gif" overflow="scroll"><mml:mi>Cu</mml:mi><mml:mo>(</mml:mo><mml:msub><mml:mrow><mml:mi>In</mml:mi></mml:mrow><mm | | |