



Path towards high-efficient kesterite solar cells

Dongxiao Wang , Wangen Zhao , Yi Zhang ,
Shengzhong (Frank) Liu

PII: S2095-4956(17)30767-2
DOI: [10.1016/j.jechem.2017.10.027](https://doi.org/10.1016/j.jechem.2017.10.027)
Reference: JECHEM 451

To appear in: *Journal of Energy Chemistry*

Received date: 4 September 2017
Revised date: 26 October 2017
Accepted date: 27 October 2017

Please cite this article as: Dongxiao Wang , Wangen Zhao , Yi Zhang , Shengzhong (Frank) Liu , Path towards high-efficient kesterite solar cells, *Journal of Energy Chemistry* (2017), doi: [10.1016/j.jechem.2017.10.027](https://doi.org/10.1016/j.jechem.2017.10.027)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Kesterite solar cell is a kind of promising thin film solar cell.
- The developments of $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ solar cells in recent years are reviewed.
- Fundamental understanding of $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ solar cells is carried out.
- The challenges and perspectives of this promising solar cell are outlined.

Download English Version:

<https://daneshyari.com/en/article/6529363>

Download Persian Version:

<https://daneshyari.com/article/6529363>

[Daneshyari.com](https://daneshyari.com)