

## Review of: "Completely non-fused electron acceptor with 3D-interpenetrated crystalline structure enables efficient and stable organic solar cell"

peng song<sup>1</sup>

1 Liaoning University

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Fullerene materials have played a very important role in OPV cells. Many studies have performed on designing new systems and improving its PCEs efficiency. However, just as the authors state that, nonfullerene acceptors also have more potential to realize low-cost OPV cells. In this paper, they designed a new bithiophene-based non-fused core, based on which a three-dimensional interpenetrating network can be formed. Importantly, a high PCE of 15.2% is achieved based on PBDB-TF:A4T-16, also the device retains ~84% of its initial PCE after 1300 h under the simulated AM 1.5 G illumination.

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