

Review of: "Over 30% efficiency bifacial 4-terminal perovskite-heterojunction silicon tandem solar cells with spectral albedo"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

In this paper, the authors designed a bifacial 4-T PVK/c-Si tandem solar cell and systematically investigated the influence of albedo reflection for the J_{SC} and PCE of the bottom silicon solar cell and tandem solar cell. The 30%-efficiency of tandem device has been obtained from the albedo illumination, which has exceeded the SQ limit of silicon cell. More novel structure design, new mechanism, and improved fabrication method in the future are expected to further improve the efficiency of PVK/c-Si tandem cells and boost their commercialization.