

**Overview of solar photovoltaic applications for district heating and cooling**

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**Self-healing photovoltaic microconverter with zero redundancy and accurate low-cost fault detection**

**Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri** IEEE transactions on industrial electronics 2024 / p. 646-656

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**Tunneling-enhanced interface recombination and current loss curves in kesterite solar cells**

**Krustok, Jüri; Timmo, Kristi; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja** Applied physics letters 2023 / art. 242102

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**Chub, Andrii; Vinnikov, Dmitri; Korkh, Oleksandr; Malinowski, Mariusz; Kouro, Samir** IEEE transactions on power electronics

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