

Analysis of state-of-the-art converter topologies for interfacing of hydrogen buffer with renewable energy systems
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Hydrogen states in mixed-cation $\text{CuIn}_{(1-x)}\text{Ga}_x\text{Se}_2$ chalcopyrite alloys : a combined study by first-principles density-functional calculations and muon-spin spectroscopy

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Improved amorphous silicon passivation layer for heterojunction solar cells with post-deposition plasma treatment

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Investigation of the solar cell materials $\text{Cu}(\text{In,Ga})\text{Se}_2$ and $\text{Cu}_2\text{ZnSnS}_4$ with muon spin spectroscopy and density-functional calculations

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Production of hydrogen from packaging wastes by two-stage pyrolysis

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Use of hydrogen and AI as an opportunities to increase energy autarky and create business more sustainable

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