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ACCEPTED MANUSCRIPT

Test and improvement of the cyclic stability of oxalic acid dihydrate for thermal energy storage

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Highlights:

- · Oxalic acid dihydrate as phase change material for TES was studied.
- · Cyclic stability of oxalic acid dihydrate was determined.
- PEGs were added to improve the cyclic stability of oxalic acid dihydrate.
- The best sample was oxalic acid dihydrate + 2.5% PEG 6000.

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