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Correction: Self-Assembly of Binderless MXene Aerogel for Multiple-Scenario and Responsive Phase Change Composites with Ultrahigh Thermal Energy Storage Density and Exceptional Electromagnetic Interference Shielding

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The original article can be found online at <https://doi.org/10.1007/s40820-023-01288-y>.

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Correction to:

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<https://doi.org/10.1007/s40820-023-01288-y>.

Following publication of the original article [1], the authors reported that the order of the images in Figs. 5 and

6 were reversed, the positions of the images needed to be exchanged. Another mistake is that the author inadvertently copied the same image in Fig. 2(f) with Fig. 2(e).

The correct Figs. 2, 5 and 6 have been provided in this correction.

The original article [1] has been updated.



The incorrect Fig. 2 is:

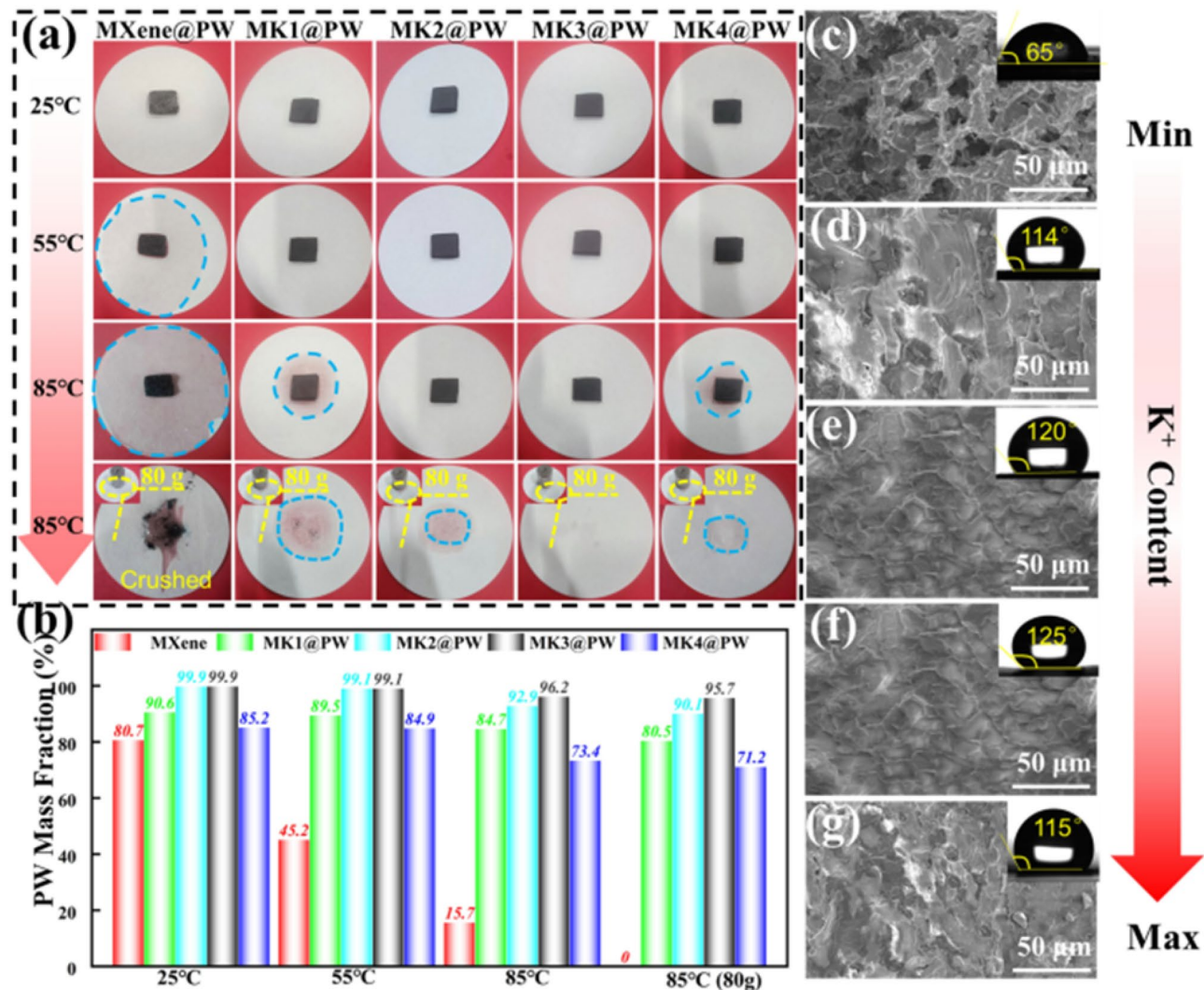


Fig. 2 a Leakage test of MXene@PW, MK1@PW, MK2@PW, MK3@PW, MK4@PW under different temperatures and pressures; b PW mass loading after different temperature and pressure leakage test; upper surface SEM images and water contact angle of c MXene@PW, d MK1@PW, e MK2@PW, f MK3@PW, g MK4@PW after leakage test under 85 °C for 10 h

The correct Fig. 2 is:

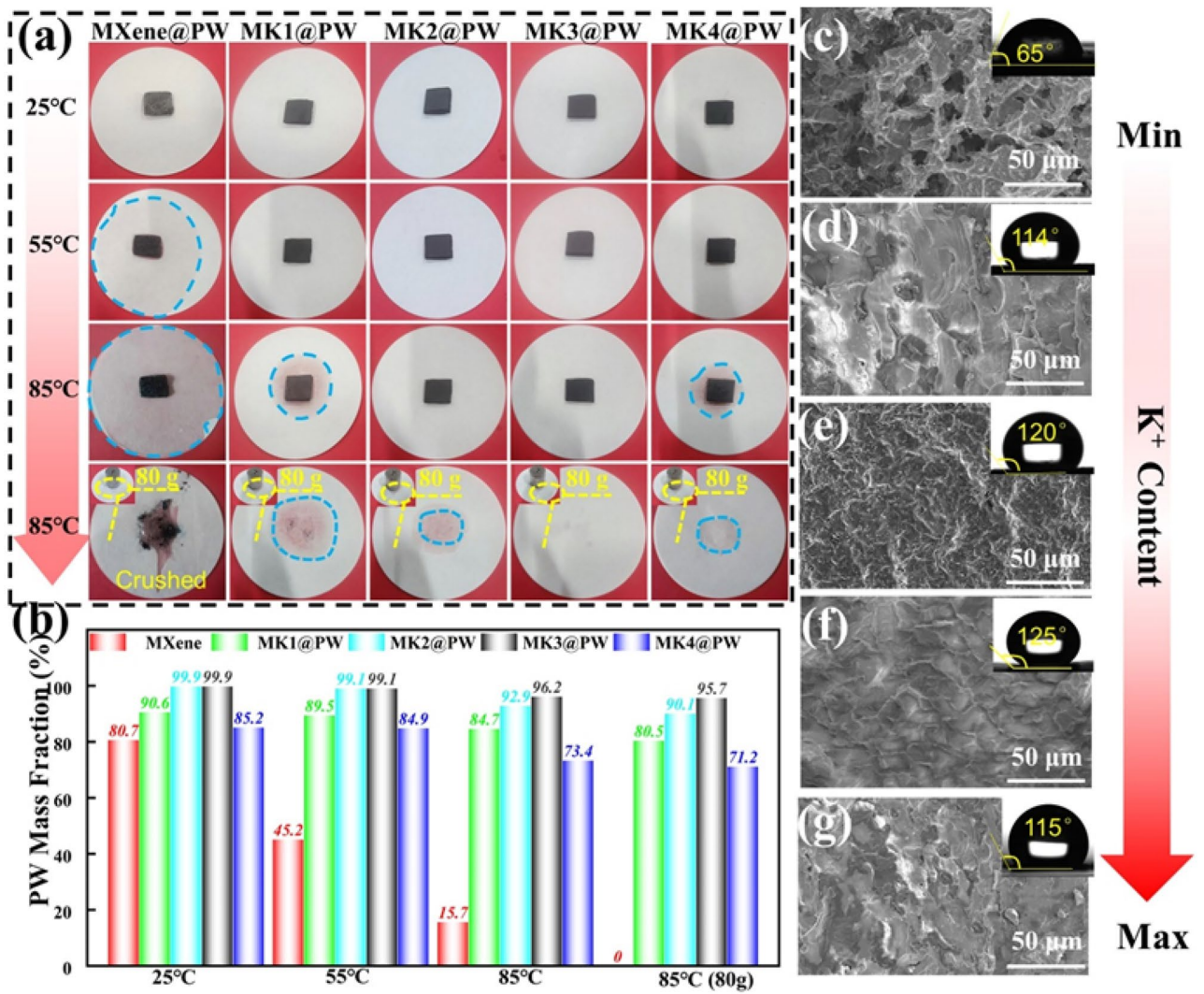


Fig. 2 a Leakage test of MXene@PW, MK1@PW, MK2@PW, MK3@PW, MK4@PW under different temperatures and pressures; b PW mass loading after different temperature and pressure leakage test; upper surface SEM images and water contact angle of c MXene@PW, d MK1@PW, e MK2@PW, f MK3@PW, g MK4@PW after leakage test under 85 °C for 10 h

The incorrect Fig. 5 is:

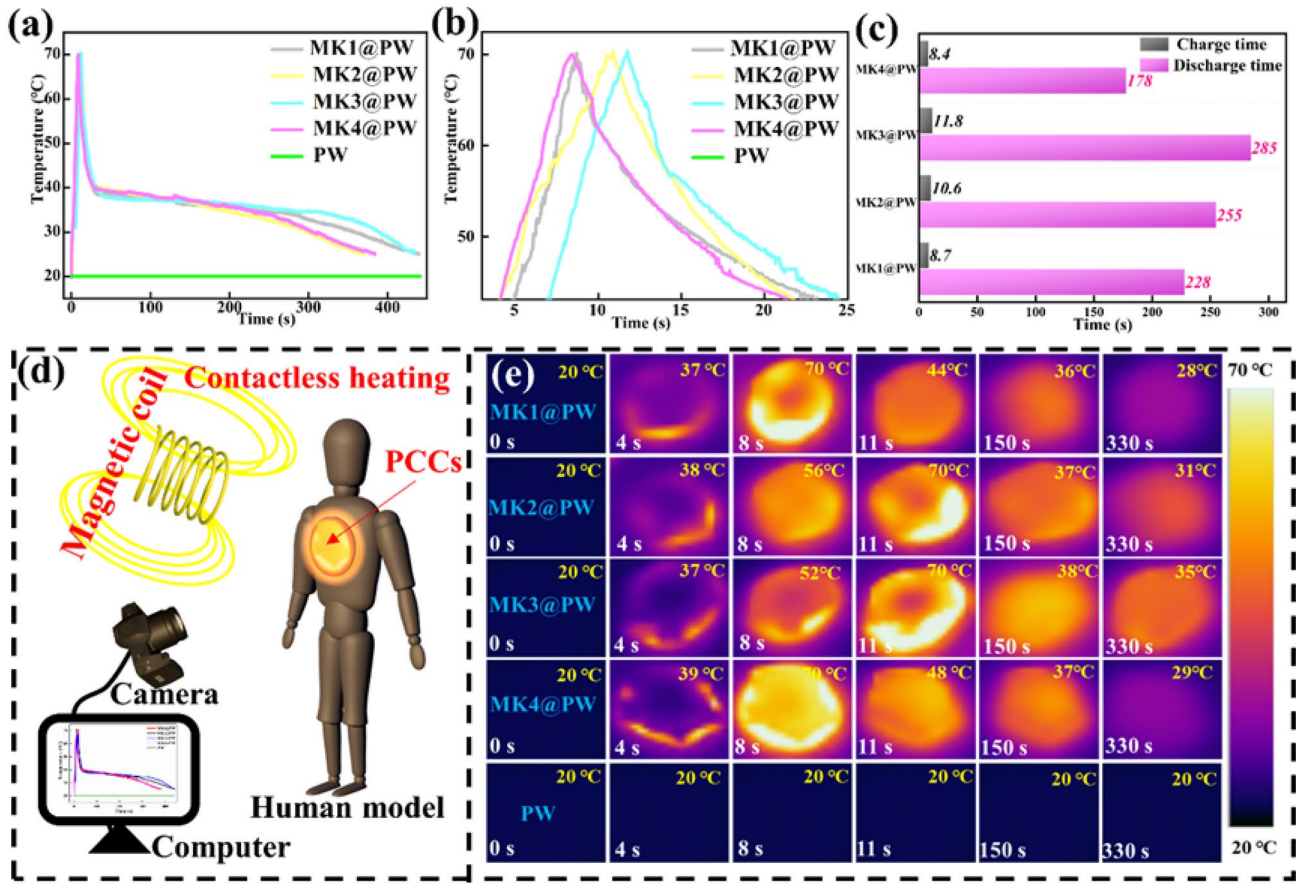


Fig. 5 a Voltage–current curves of MK3@PW PCC; b surface temperature of MK3@PW PCC under different applied voltages. c Temperature evolution under stepwise-increased/decreased and d corresponding IR thermal imagers of MK3@PW PCC; (e) surface temperature under long-time electric-thermal operation

The correct Fig. 5 is:

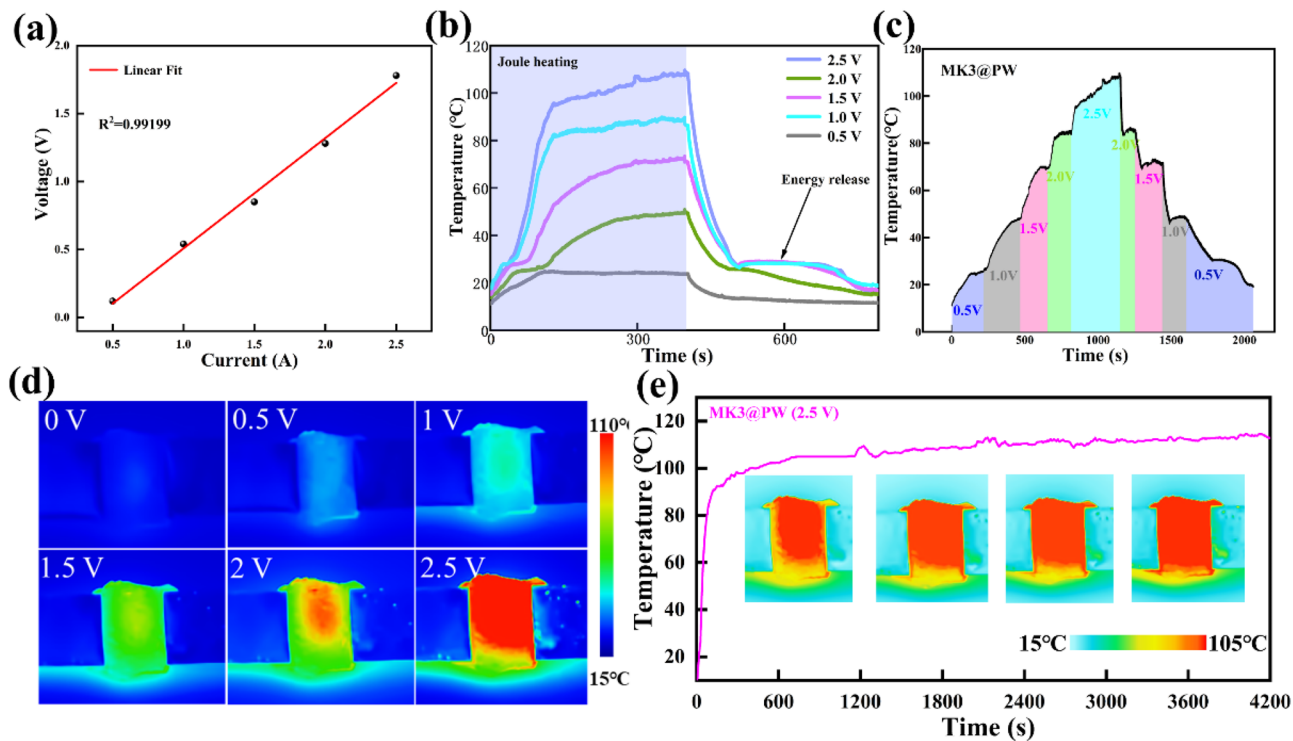


Fig. 5 **a** Voltage–current curves of MK3@PW PCC; **b** surface temperature of MK3@PW PCC under different applied voltages. **c** Temperature evolution under stepwise-increased/decreased and **d** corresponding IR thermal imagers of MK3@PW PCC; **e** surface temperature under long-time electric-thermal operation

The incorrect Fig. 6 is:

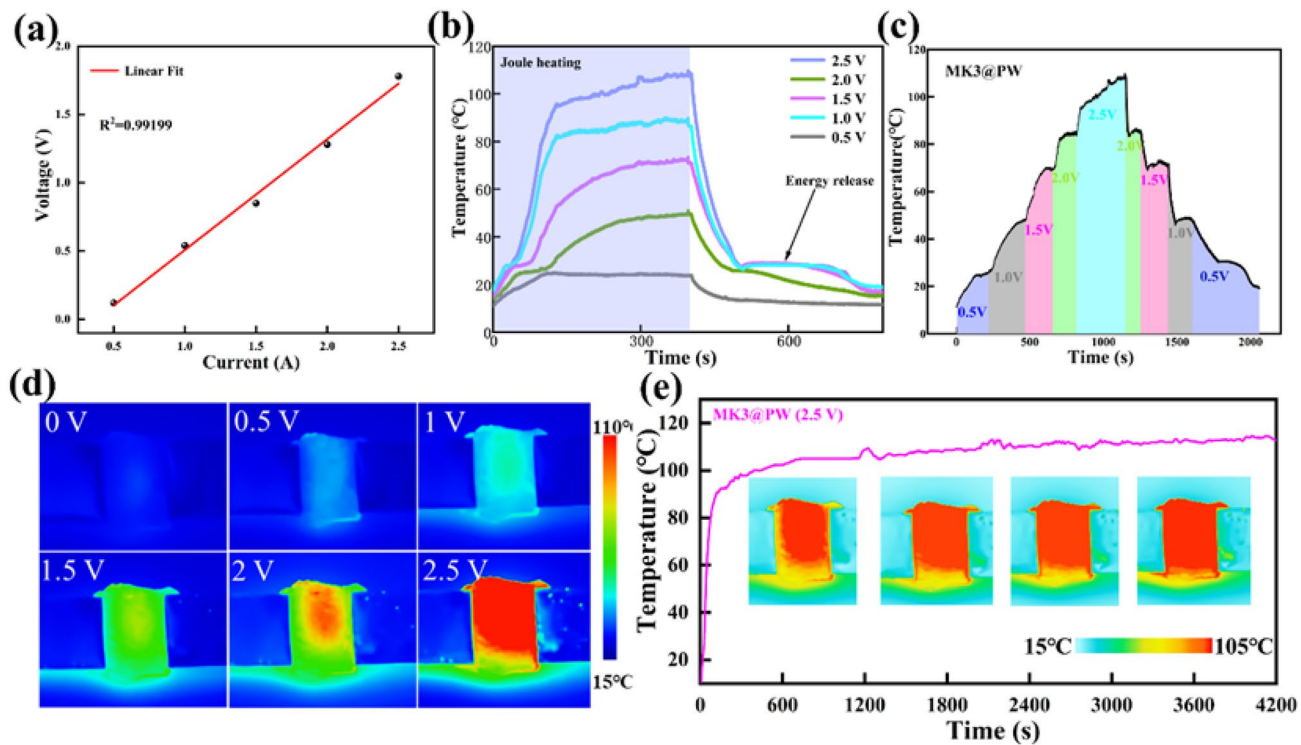


Fig. 6 a, b Magnetic–thermal conversion curves, c magnetic–thermal charging time and discharging time and e corresponding IR thermal images of different K⁺ content MXene-K⁺@PW; d magnetic thermotherapy for human model

The correct Fig. 6 is:

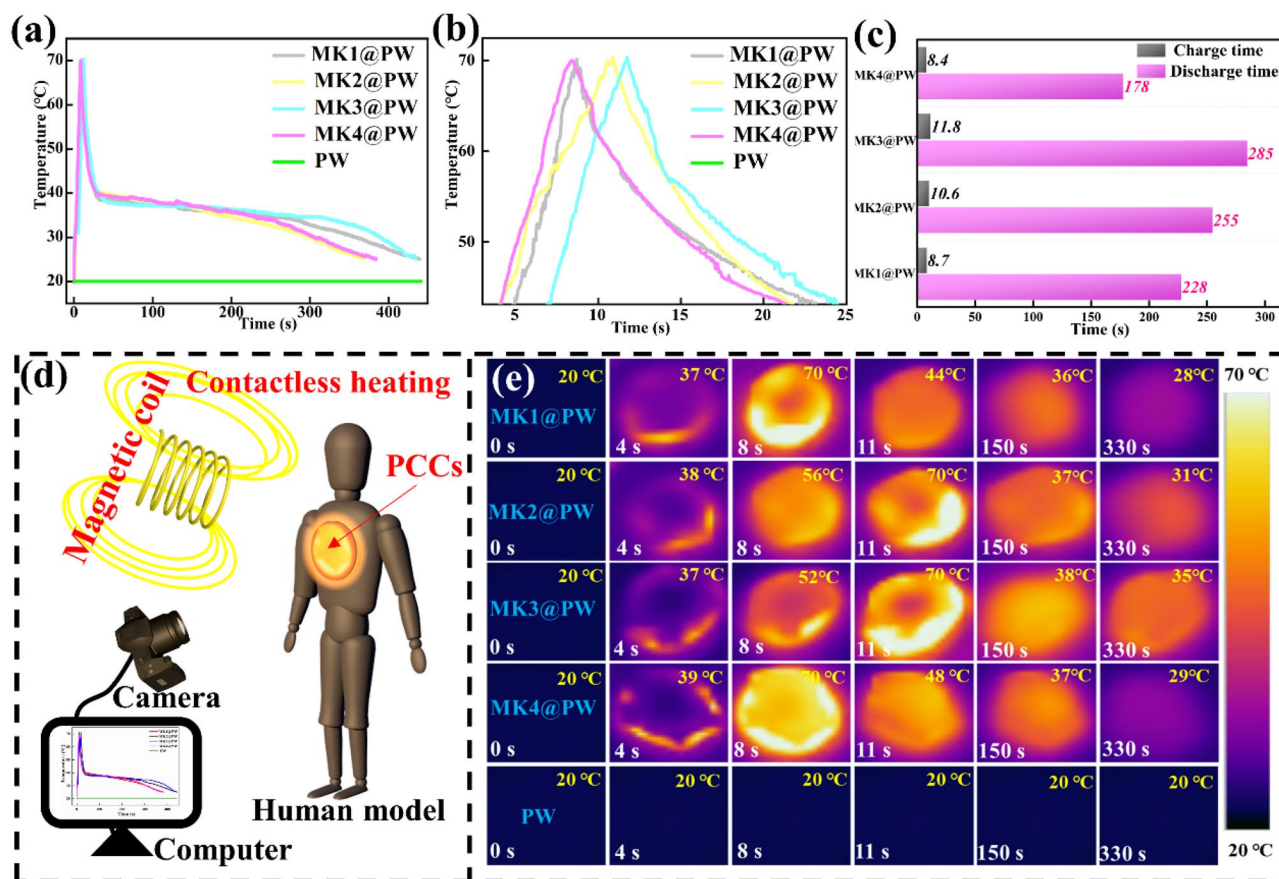


Fig. 6 a, b Magnetic-thermal conversion curves, c magnetic-thermal charging time and discharging time and e corresponding IR thermal images of different K⁺ content MXene-K⁺@PW; d magnetic thermotherapy for human model

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Reference

1. C. Zhu, Y. Hao, H. Wu et al., Self-assembly of binderless MXene aerogel for multiple-scenario and responsive phase change composites with ultrahigh thermal energy storage density and exceptional electromagnetic interference shielding. *Nano-Micro Lett.* **16**, 57 (2024). <https://doi.org/10.1007/s40820-023-01288-y>