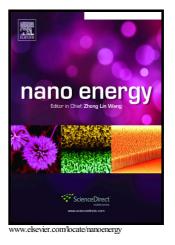
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All-climate Sodium Ion Batteries Based on the NASICON Electrode Materials

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ABSTRACT

In this work, we have achieved all-climate high-rate performance of sodium ion batteries by utilizing the electrode materials with Na Super Ionic Conductor (NASICON) crystalline structure. A designed NASICON-structured carbon-coated $Na_3V_2(PO_4)_3$ (NVP@C) nanocomposite exhibits an excellent performance at high rates in a wide temperature range (i.e., from -20 to 55

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