

The origin IS data for different ceramic samples are shown as following. This part is added as the electronic supplementary materials. Figure S1 shows the temperature dependence of impedance spectra of (a) A0, (b) A1, (c) A2, (d) A3 ceramic at various temperatures, 0, 25, and 50 °C. As the value of impedance spectrum data under 75 °C is extremely minute, and it is not shown.

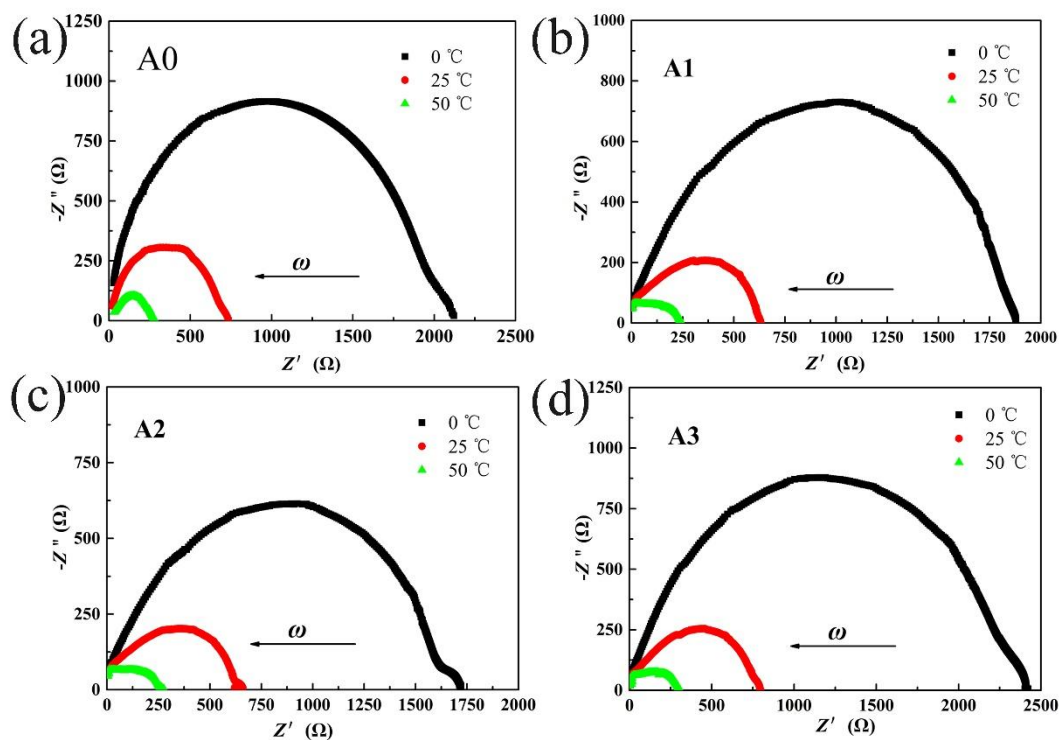


Fig. S1 Temperature dependence of impedance spectra of (a) A0, (b) A1, (c) A2, (d) A3 ceramic at various temperatures: 0, 25 and 50 °C.