

Supporting Information

Zero-dimensional methylammonium bismuth iodide based lead-free perovskite capacitor

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1. Stability study of MBI:

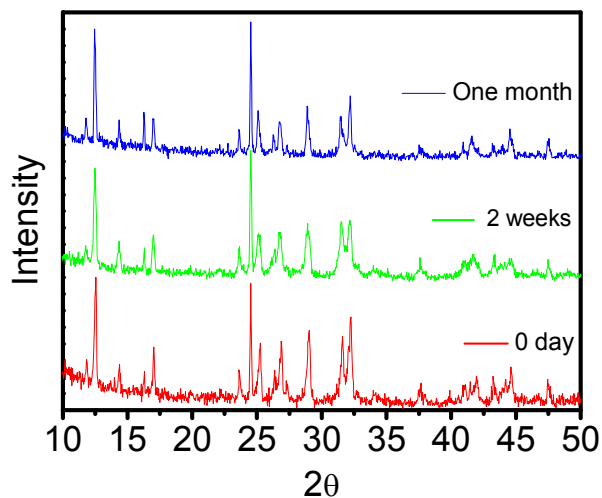


Figure S1. Powder X-ray diffraction pattern of MBI over a period of 1 month. The sample was kept at ambient conditions. No change in peak intensity and position indicates the excellent stability of the material.

2. Electrochemical measurements:

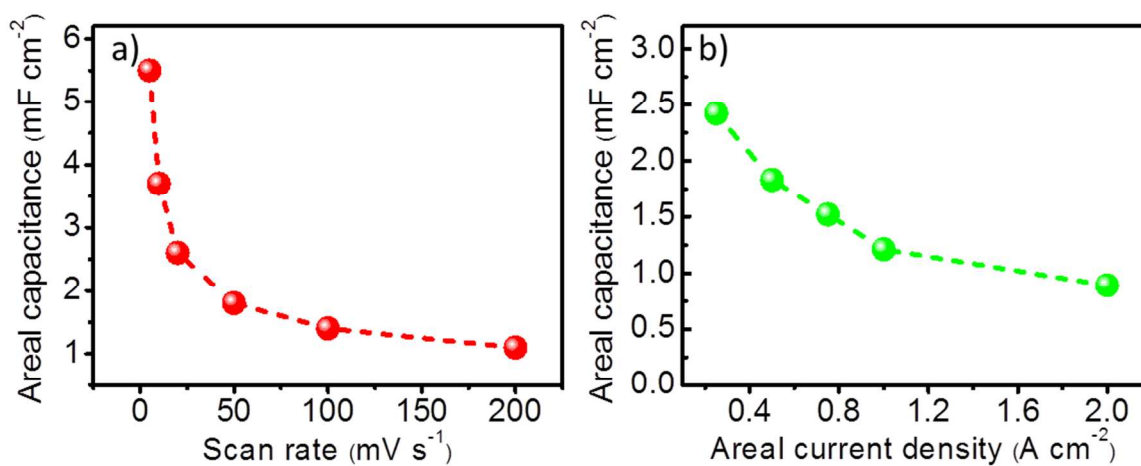


Figure S2. Variation of areal capacitance with a) scan rate and b) areal current density.