

Supplementary materials:

Facile Synthesis of Methylammonium Lead Iodide Perovskite with Controllable Morphologies with Enhanced Luminescence Performance

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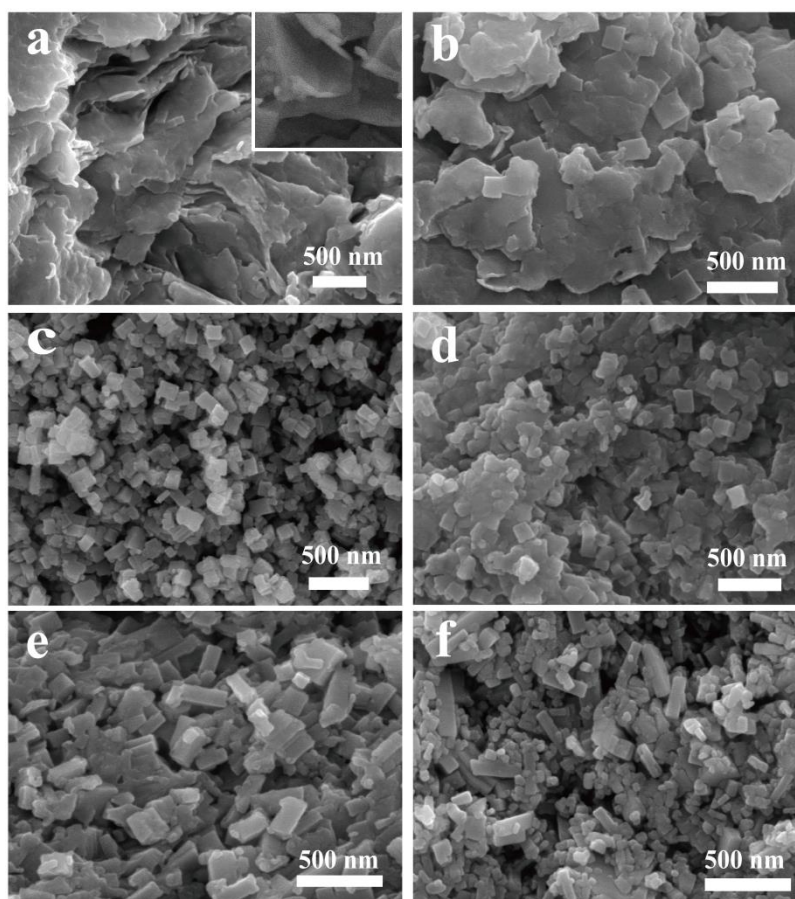


Figure S1. SEM images of the obtained samples. (a) Np-70, fast addition (26ml/min) (b) Np-70, slow addition (1ml/min) (c) Nc-70, fast addition (26ml/min) (d) Nc-70, slow addition (1ml/min) (e) Nr-50, fast addition (26ml/min) (f) Nr-50, slow addition (1ml/min). Inset of (a): SEM images of PbI₂.

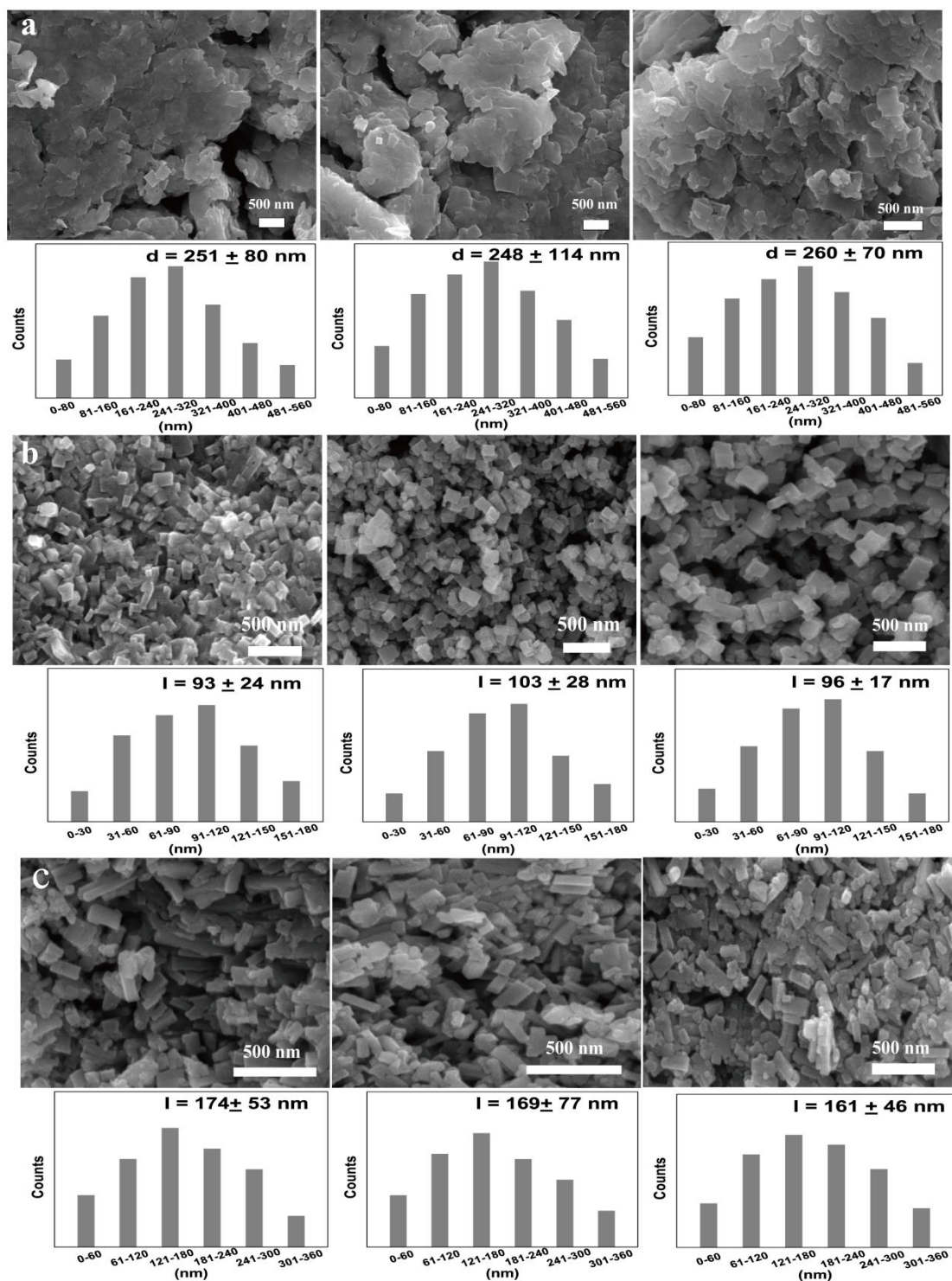


Figure S2. SEM images of the obtained samples and the corresponding size distribution. (a) Np-70, dropping rate: 1 mL/min (b) Nc-70, dropping rate: 26 mL/min, (c) Nr-50, dropping rate: 26 mL/min.

From Figure S2 can note that shapes of nanorods, nanoplates and nanocubes are similar, and the deviation of the measured size are less than 9%, 4%, 3%, respectively. And the size distributions are also stable.