Supplementary Information

Tuning the emission spectrum of highly stable cesium lead halide perovskite nanocrystals through poly(lactic acid) assisted anion-exchange reactions

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Element | wt %
---|---
Cs | 20.53
Pb | 20.06
Br | 35.65
Cl | 23.76

Element | wt %
---|---
Cs | 20.20
Pb | 20.76
Br | 59.04
Fig. S1 EDX images of the CsPbBr$_{3-x}$Cl$_x$ after treatment with PLA at different periods of time: (a) 0 min, (b) 30 min, (c) 60, and (d) 120 min.
Fig. S2 (a) The effect of the volume ratio of PLA to parent CsPbBr$_3$ NCs on the PL spectra shift and (b) the time cost for different volume ratio of PLA to parent CsPbBr$_3$ solution when the anion-exchange reaction completed.