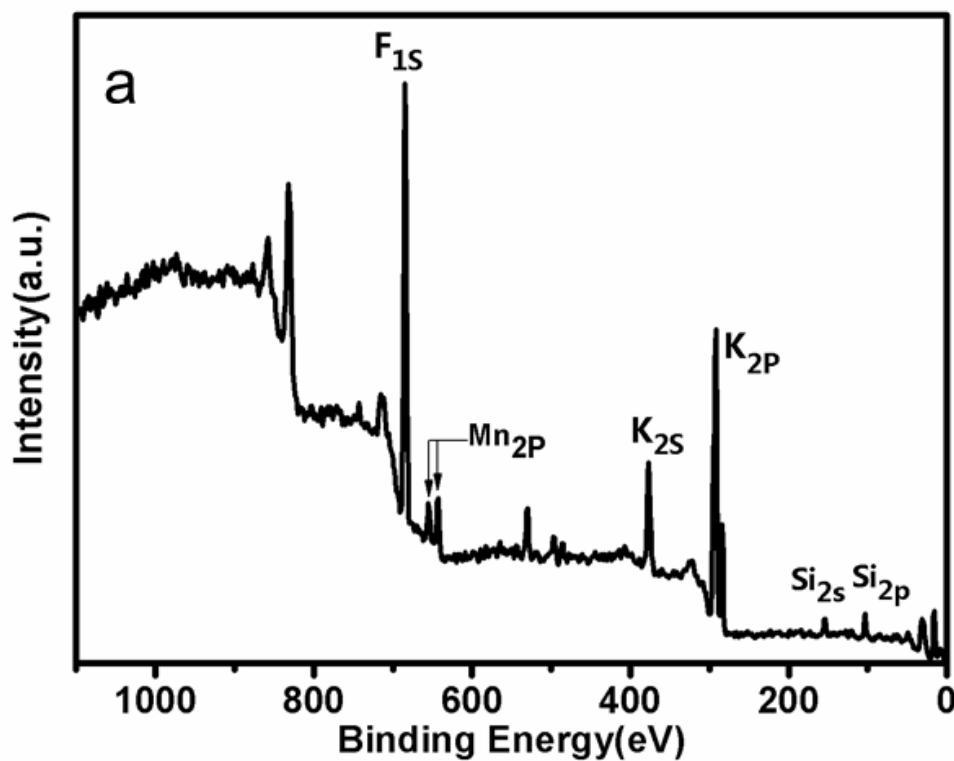


Supporting information:

**Shape-controlled synthesis of $\text{K}_2\text{SiF}_6:\text{Mn}^{4+}$ nanorods
phosphor and luminescent properties**

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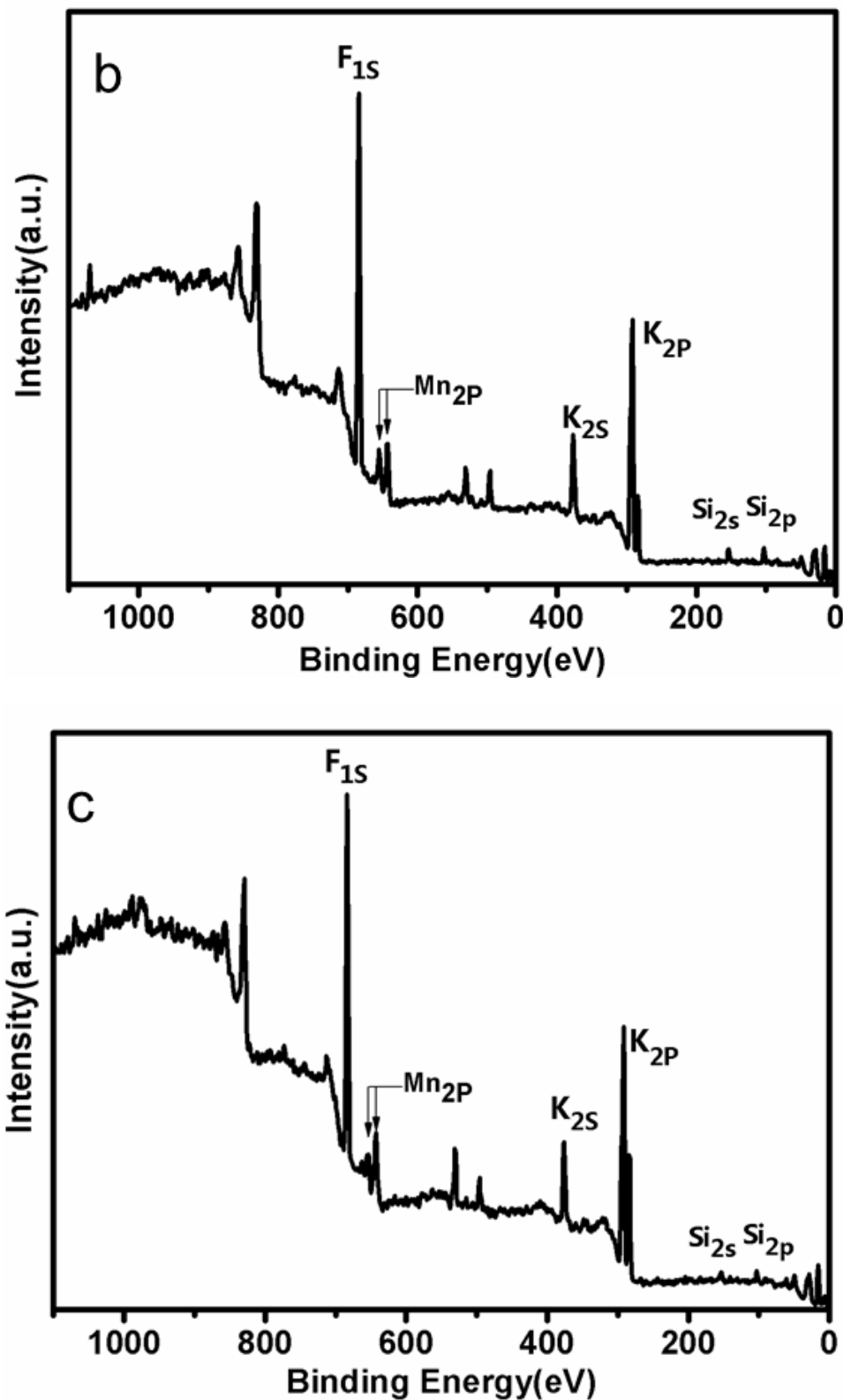


Figure S1. XPS survey spectra of $K_2SiF_6:Mn^{4+}$ obtained in different shapes at various KOH/oleic acid quality ratios (a) 0.5: 1 (b) 1.2:1 and (c) 2.5:1. SiO_2 spheres/ $KMnO_4$ molar ratio and reaction time are kept constant at 1:10, 30 min, respectively.