Electronic Supplementary Information

Subunits controlled synthesis of α -Fe₂O₃ multi-shelled coreshell microspheres and effects on lithium/sodium ion batteries performances

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FigureS1. SEM images of W-Fe₂O₃ precursor (a, b, c) and E-Fe₂O₃ precursor (d, e, f).



Figure S2. TEM images of W-Fe₂O₃ precursor (a, b) and E-Fe₂O₃ precursor (c, d).



Figure S3. XRD patterns of W-Fe₂O₃ and E-Fe₂O₃ precursors

	W-Fe ₂ O ₃ precursor	E-Fe ₂ O ₃ precursor
C content (wt %)	10.01	36.55
N content (wt %)	2.53	12.63
H content (wt %)	0.87	2.47

Table S1. C, H, N elements analysis of W-Fe₂O₃ and E-Fe₂O₃ precursors