

Electronic Supplemental Information for:

**Anions effect on the control of morphology for $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$
nanostructures as precursor for synthesis of $\text{Ni}(\text{OH})_2$ and NiO
nanostructures**

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- 1. Fig. S1.** The low and high magnification FESEM images and diameter measurement of $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ nanostructures with nickel nitrate grown at different time (a, b) 4 h, (c, d) 8 h and (d, f) 12 h, page S2.
- 2. Fig. S2.** The low and high magnification FESEM images and diameter measurement of $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ nanostructures with nickel chloride grown at different time (a, b) 4 h, (c, d) 8 h and (d, f) 12 h, page S3.
- 3. Fig. S3.** The low and high magnification FESEM images and diameter measurement of $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ nanostructures with nickel acetate grown at different time (a, b) 4 h, (c, d) 8 h and (d, f) 12 h, page S4.

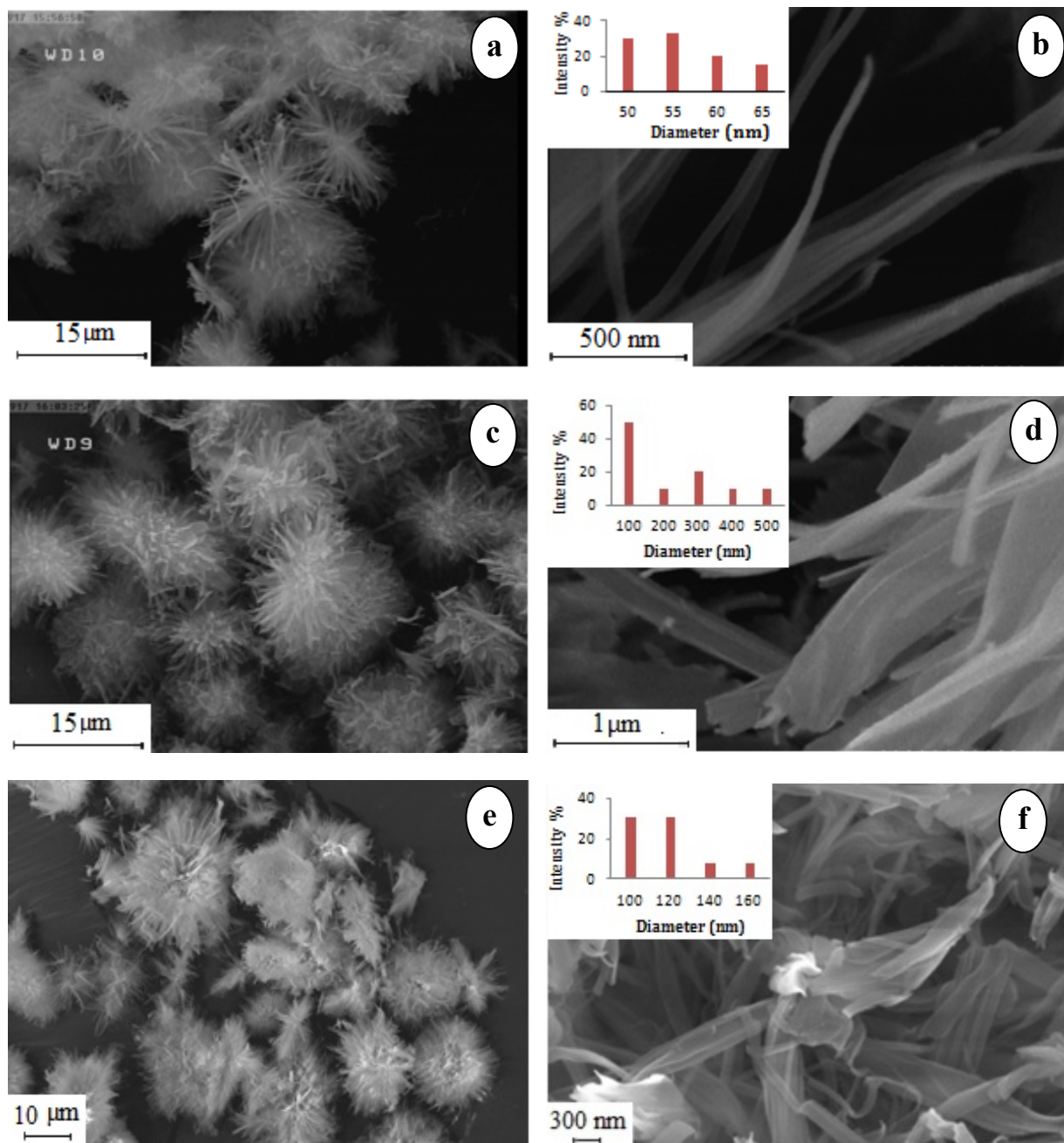


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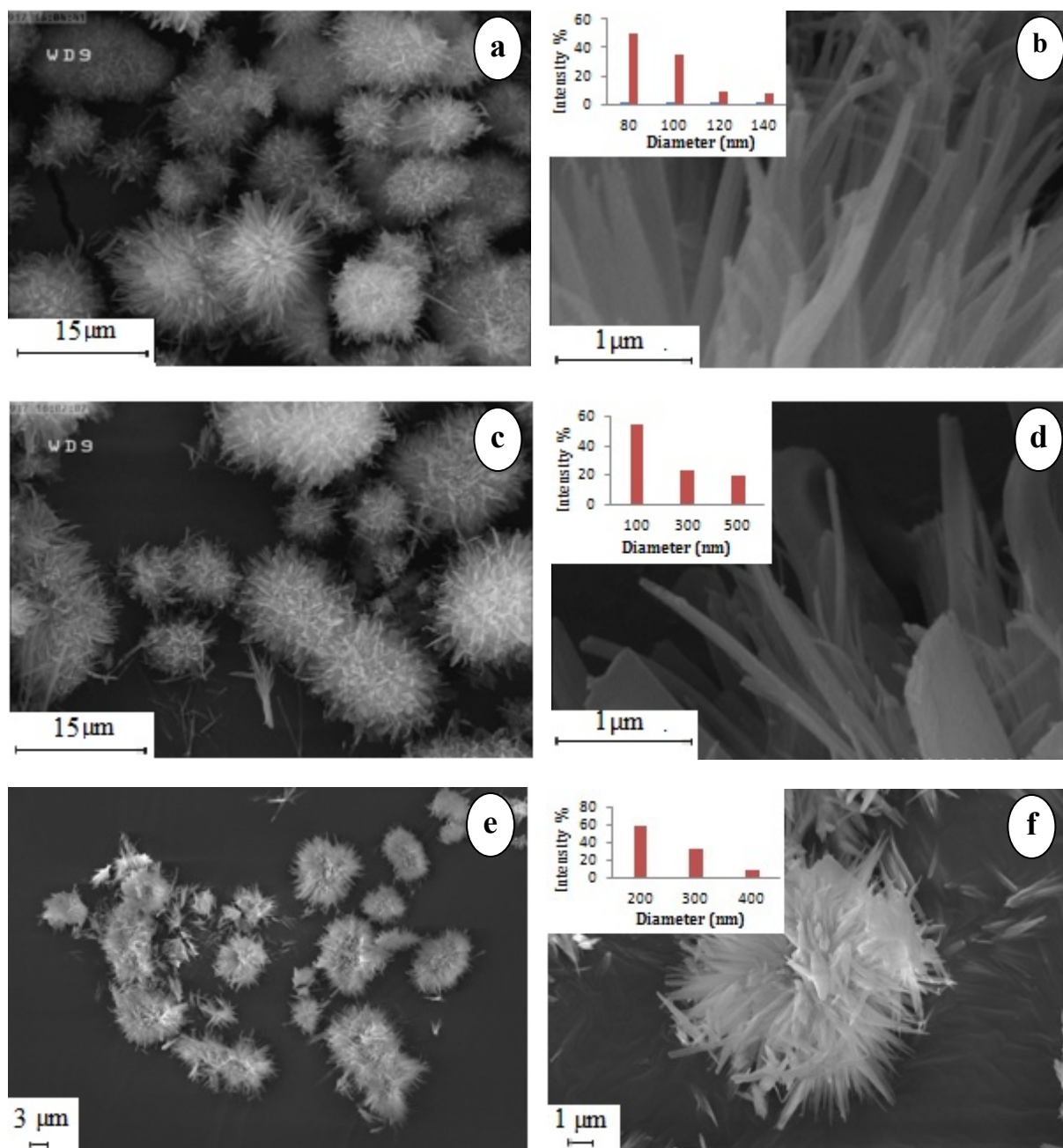


Figure S2 The low and high magnification FESEM images and diameter measurement of $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ nanostructures with nickel chloride grown at different time (a, b) 4 h, (c, d) 8 h and (d, f) 12 h.

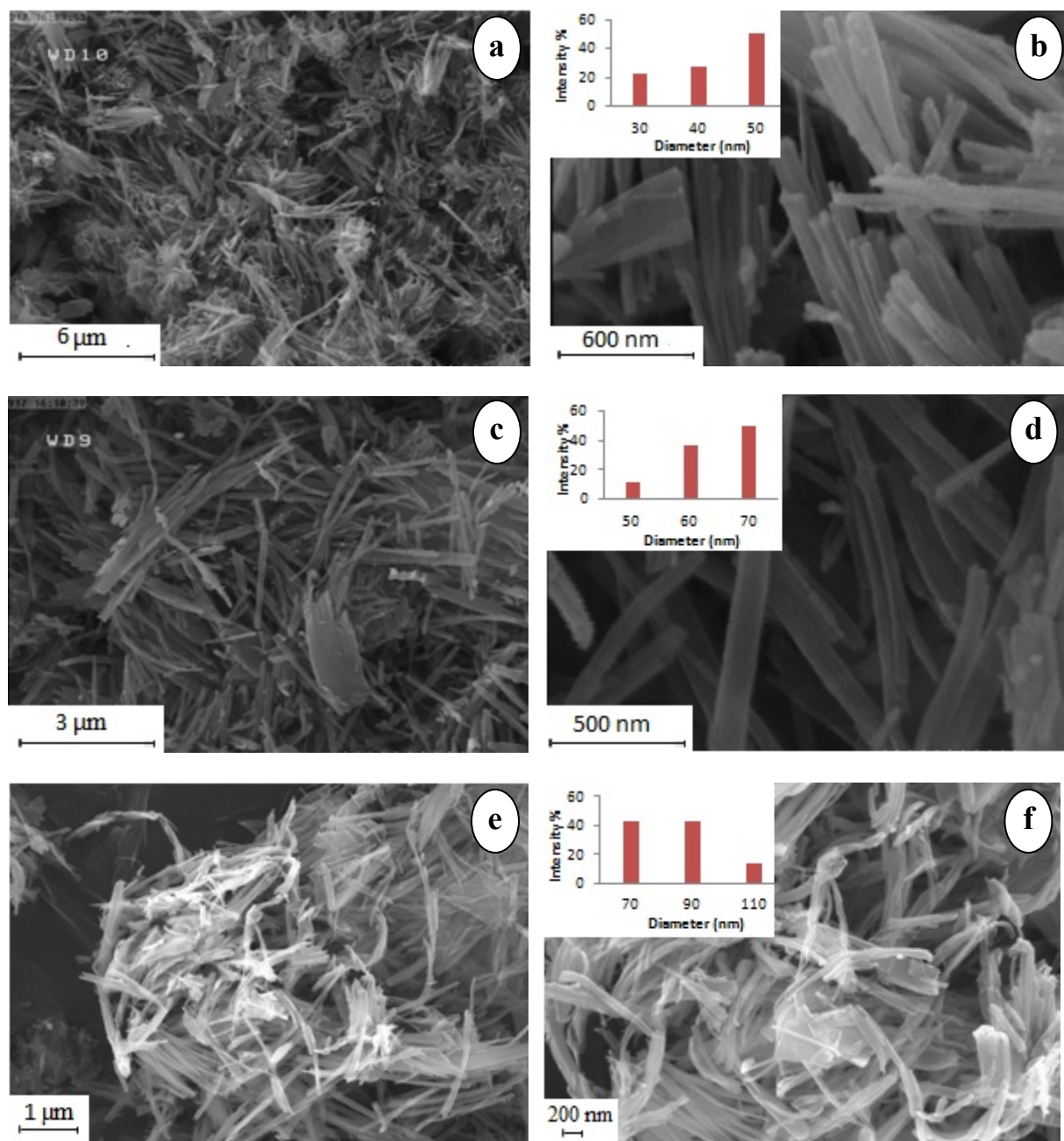


Figure S3 The low and high magnification FESEM images and diameter measurement of $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ nanostructures with nickel acetate grown at different time (a, b) 4 h, (c, d) 8 h and (d, f) 12 h.