

Supplementary Information for

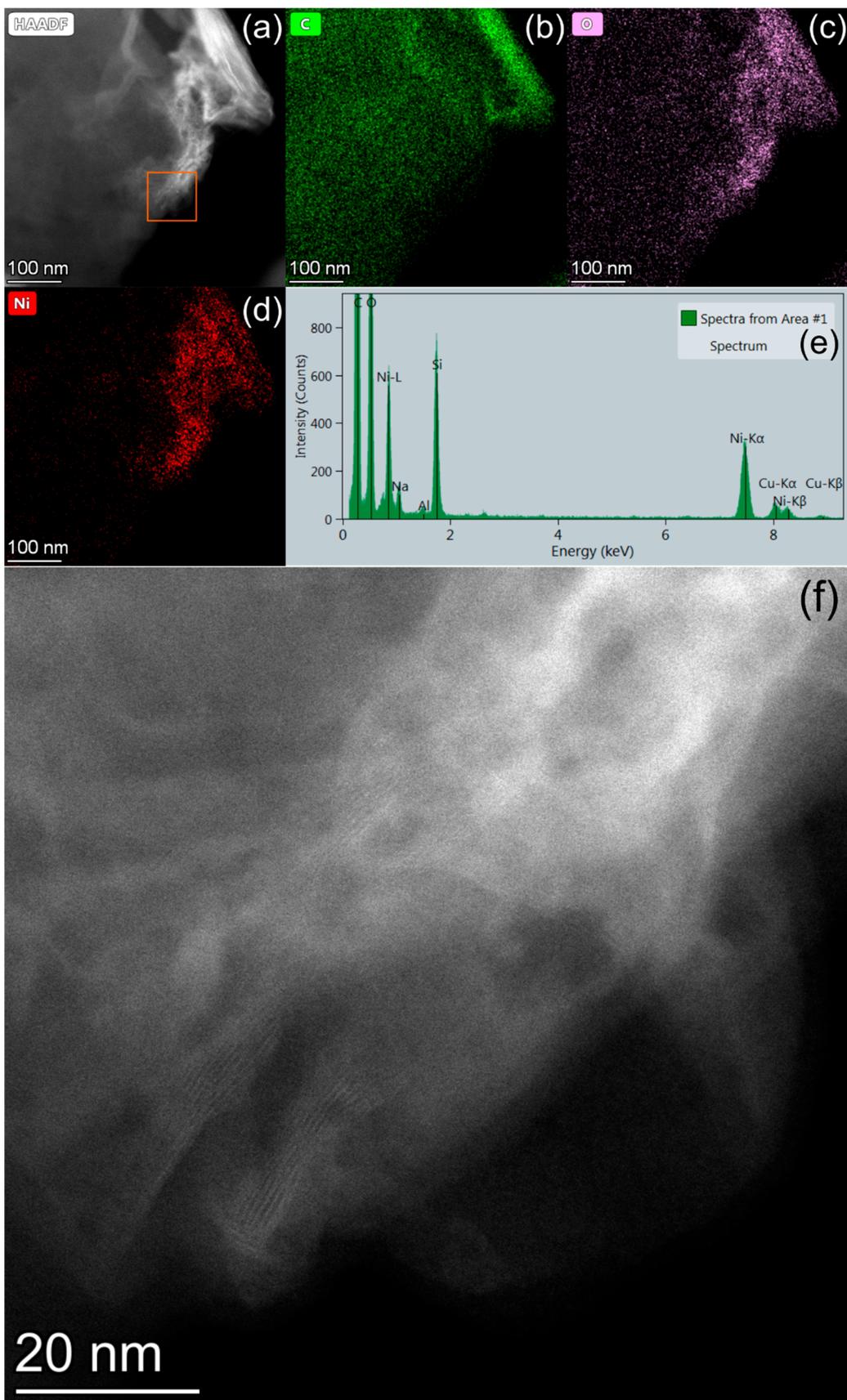
# Nickel on Oxidatively Modified Carbon as a Promising Cost-Efficient Catalyst for Reduction of *P*-Nitrophenol

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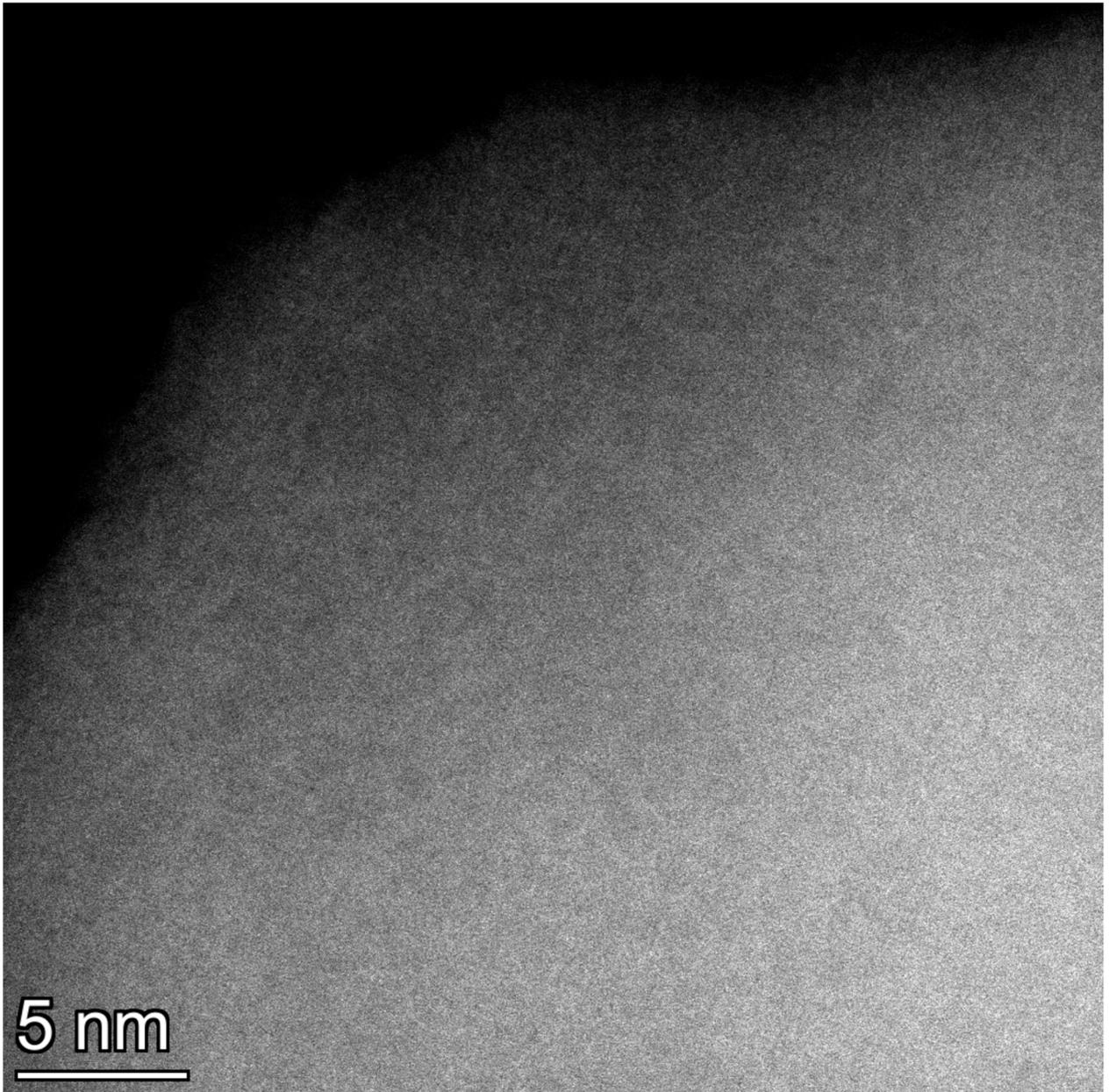
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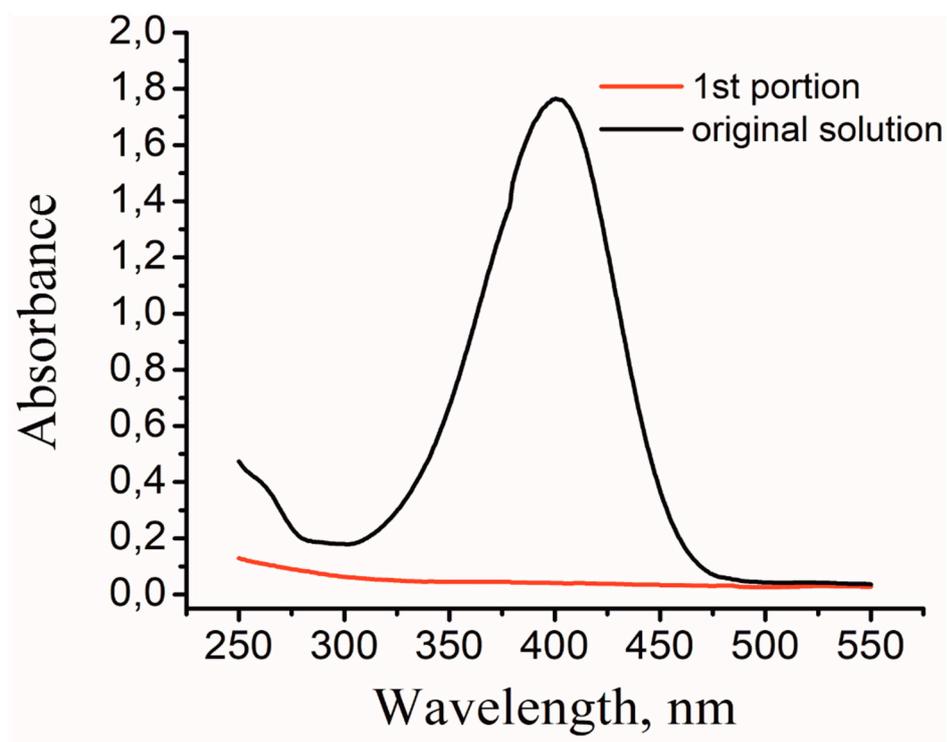
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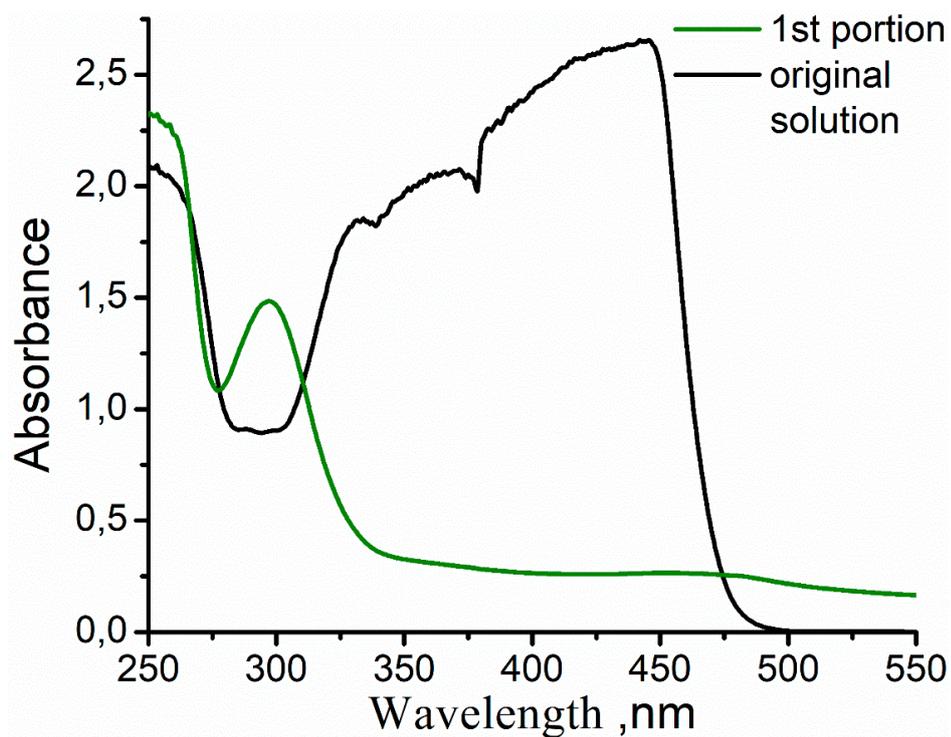
**Figure S1.** The EDX mapping of a selected area of an rOMC/Ni particle. (a) the HAADF image; (b) – (d) the mapping for C, O, and Ni; (e) the spectrum; (f) the higher magnification image from the area shown by yellow square on panel (a).



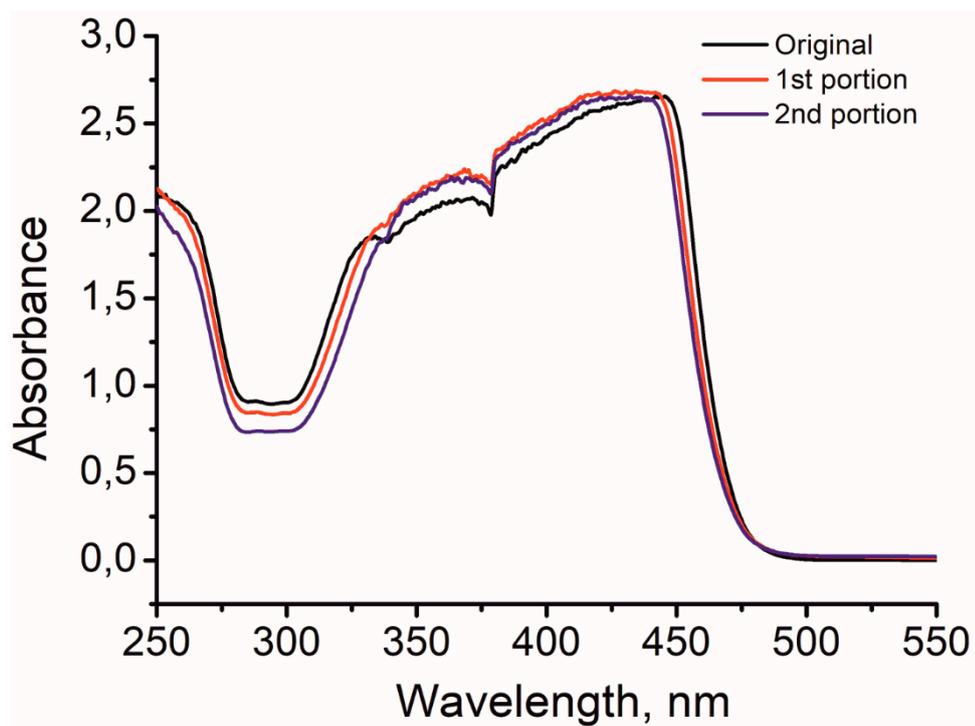
**Figure S2.** The high magnification HAADF-STEM image from the selected area of the rOMC/Ni sample.



**Figure S3.** The UV-Vis spectra of the original **mixture 1** and the first portion of its reduction product.



**Figure S4.** The UV-Vis spectra of the original **mixture 2** and the first portion of its reduction product.



**Figure S5.** The UV-Vis spectra for the control experiment with *rOMC* without  $\text{Ni}^{2+}$ .