Spin-Coated vs. Electrodeposited Mn Oxide Films as Water Oxidation Catalysts

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Supplementary Materials: Spin-Coated vs. Electrodeposited Mn Oxide Films as Water Oxidation Catalysts

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Figure S1. Cross-section FE-SEM image of a spin-coated film made with a non-ball-milled MnO_2_3 powder.

Figure S2. FE-SEM cross-section images of the films prepared by spin-coating of MnO_2_3 (a); MnO_2_3 (b) and MnO_2_3 (c) powders; as-made electrodeposited 5-min film (d).
Figure S3. UV-Vis transmittance spectra of the electrodeposited films: as-made (continuous line) and calcined at 500 °C (dotted line).

Figure S4. Photographs of the as-made films prepared by electrodeposition at different deposition times.
Figure S5. Nyquist plots of the EIS measurements acquired using the \(\alpha\)-MnO\(_x\)-based electrodes at 1.6, 1.8 and 2.0 V vs. RHE.