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Phase Controlled Synthesis of Polymorphic MnO_2 Structures for Electrochemical Energy Storage

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Fig.S1 K^+ controlled experiments. (a-c) SEM images of the products at different experiment parameters. (d) XRD pattern of the as-synthesized MnO_2 products.

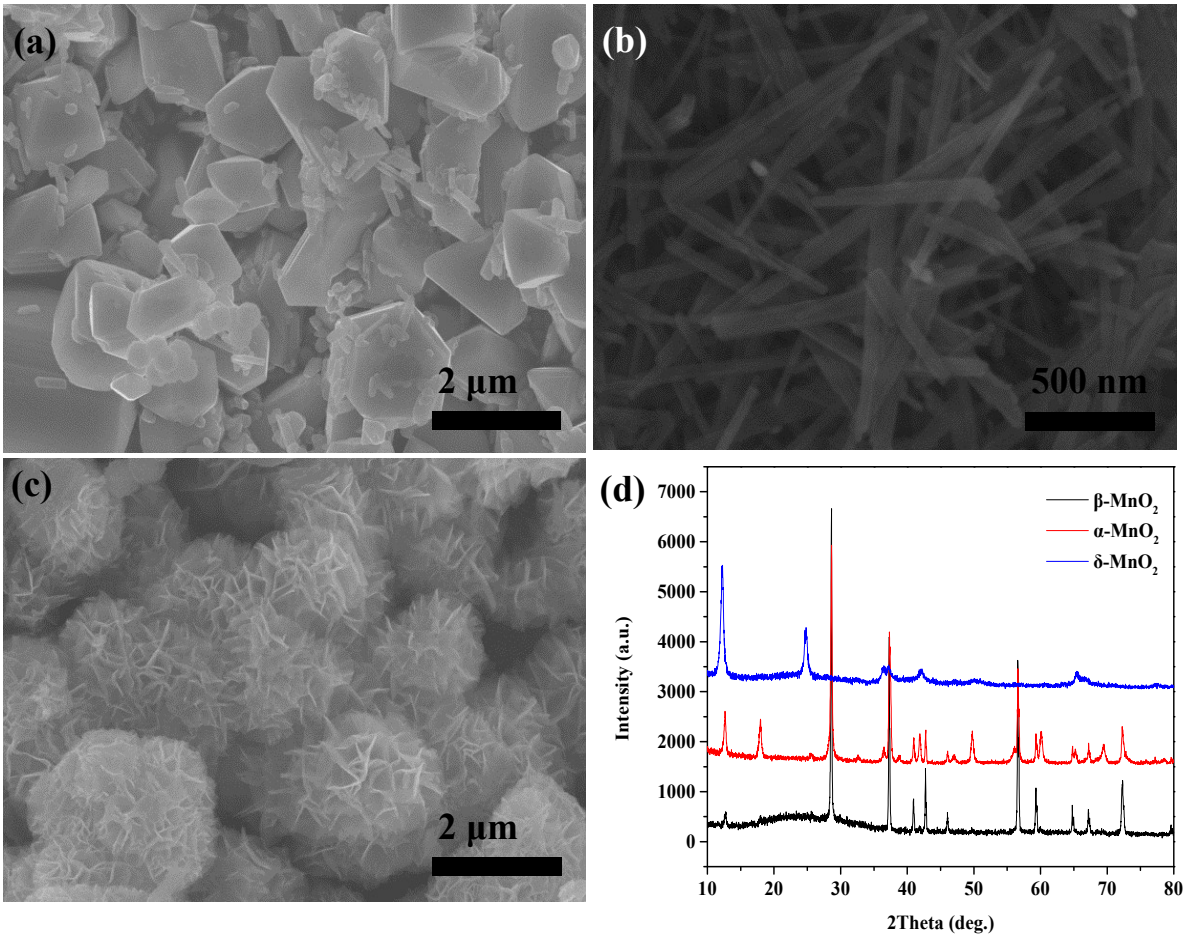

Fig.S2 H^+ controlled experiments. (a-c) SEM images of the products at different experiment parameters. (d) XRD pattern of the as-synthesized MnO_2 products.

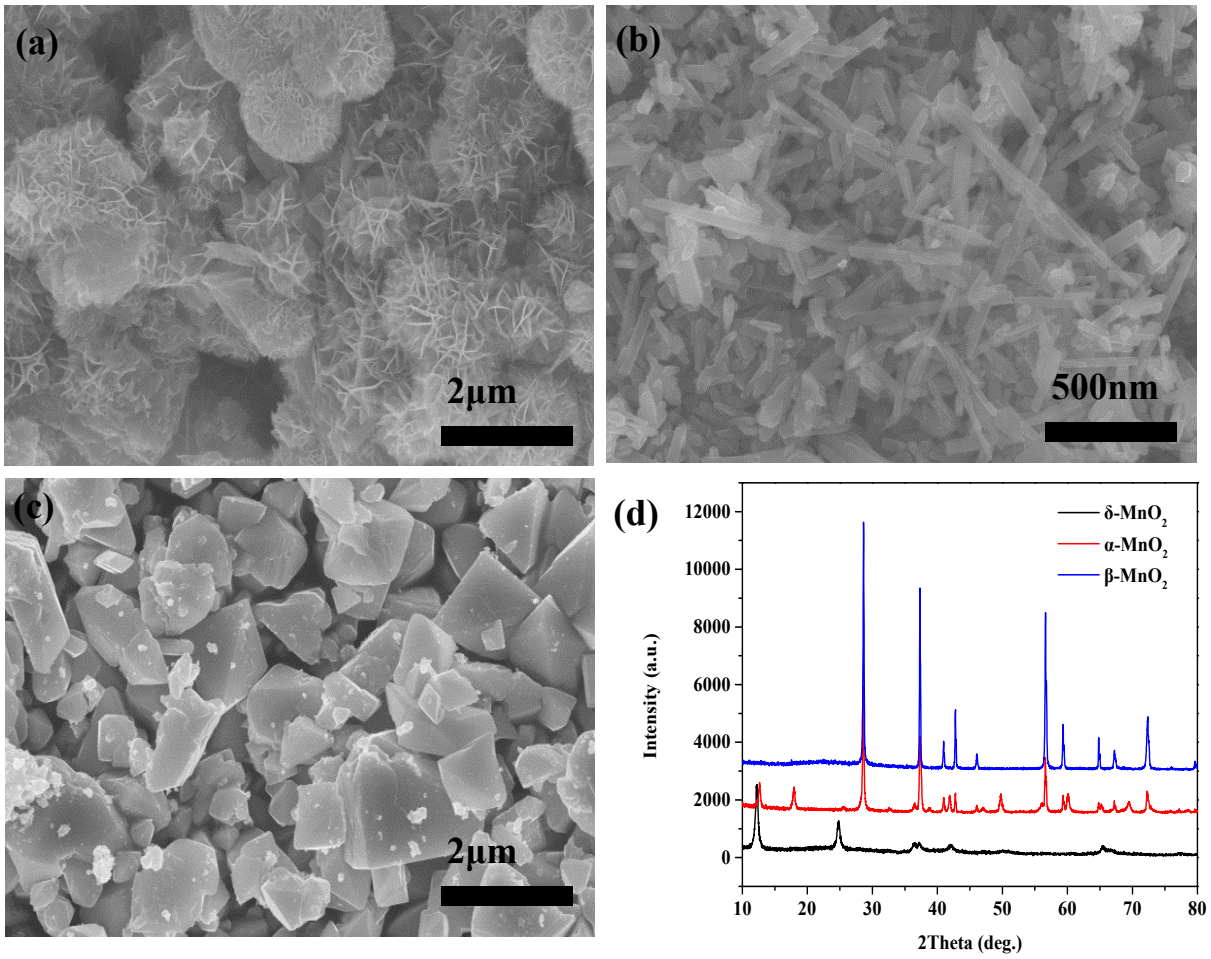

Fig.S3 The experiments of anion effects on the type of the final product. (a) HNO_3 (b) HCl (c)H_2SO_4 (d) XRD pattern of the as-synthesized MnO_2 products.

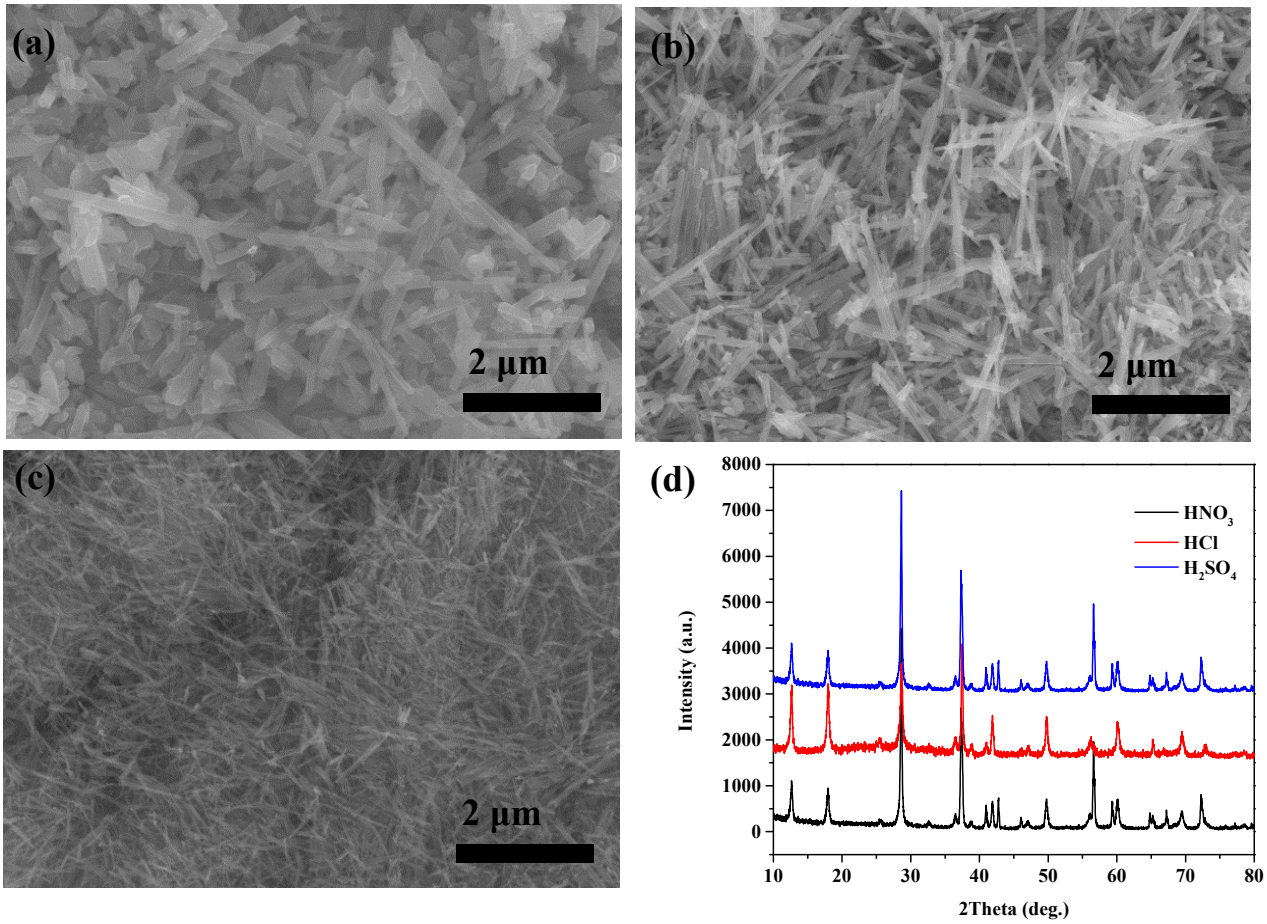

Fig.S4 CV curves of pure nickel foam and α-, β- and δ-MnO_2 electrodes at a scan rate of 100 $mV \cdot s^{-1}$