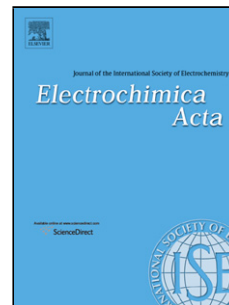


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General Synthesis of MnO_x (MnO₂, Mn₂O₃, Mn₃O₄, MnO) Hierarchical Microspheres as Lithium-ion Battery Anodes

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Highlights ►

General Synthesis of MnO_x (MnO₂, Mn₂O₃, Mn₃O₄, MnO) Hierarchical Microspheres as Lithium-ion Battery Anodes ► Xin Gu ^a, Jie Yue ^b, Liangjun Li ^a, Haitao Xue ^a, Jian Yang ^{*b}, Xuebo Zhao ^{*a} ► ^a *Institute of Unconventional Petroleum and Renewable Energy, China University of Petroleum (East China), Qingdao, 266580, P. R. China.* ► ^b *Key Laboratory of Colloid and Interface Chemistry, Ministry of Education. School of Chemistry and Chemical Engineering, Shandong University, Jinan, 250100, P.R.China.* ► ► MnO_x hierarchical microspheres are prepared by a template method. ► MnO_x hierarchical microspheres exhibit superior electrochemical properties. ► MnO anode delivers a capacity of 810 mAh g⁻¹ at 0.5 C after 100 cycles. ►

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