

Electronic Supplementary Information

**3D interconnected porous NiMoO₄ nanoplate arrays on Ni foam as
high-performance binder-free electrode for supercapacitors**

Liang Huang, Jingwei Xiang, Wei Zhang, Chaoji Chen, Henghui Xu and Yunhui Huang*

State Key Laboratory of Materials Processing and Die & Mould Technology, School of Materials
Science and Engineering, Huazhong University of Science and Technology, Wuhan, Hubei
430074, China

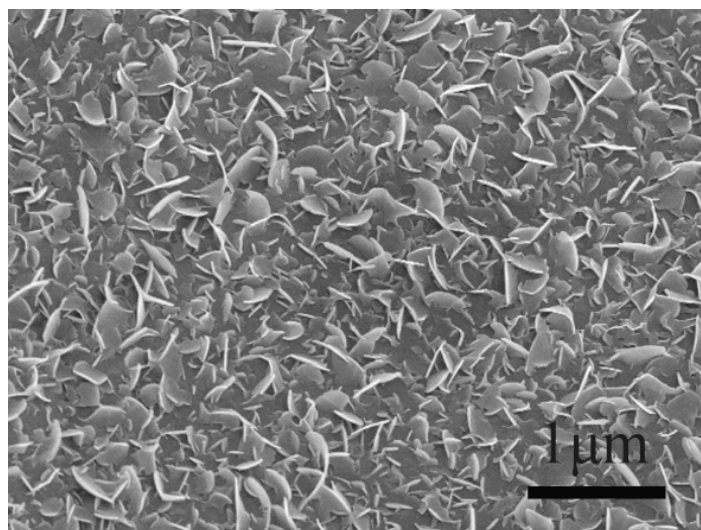


Fig. S1 Precursor of the Ni@ NPAs.

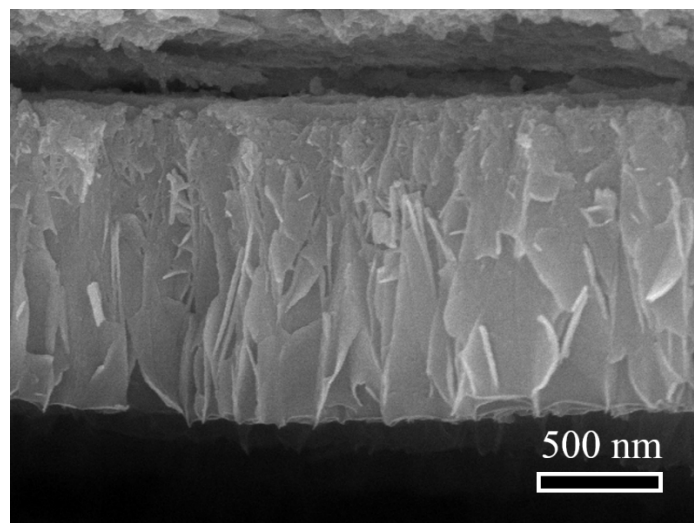


Fig. S2 Cross-section SEM image of Ni@ NPAs.

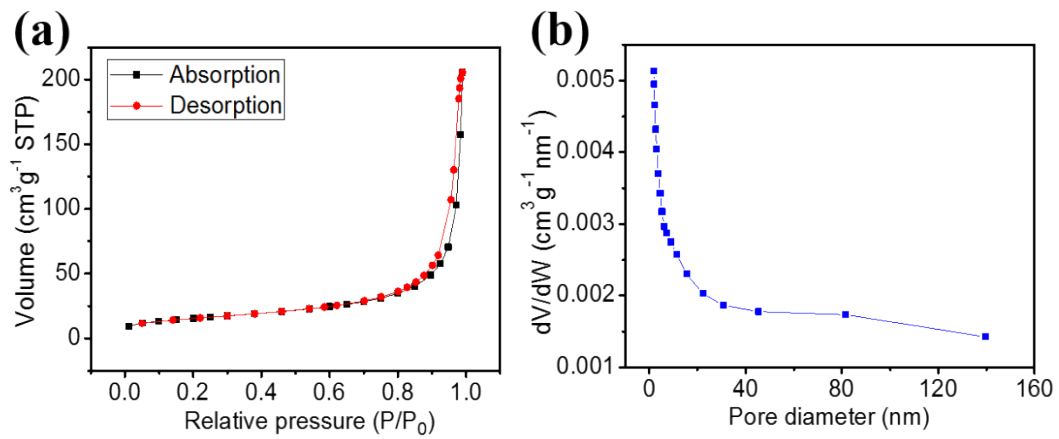


Fig. S3 (a) N_2 adsorption- desorption isotherm of the $NiMoO_4$ NPAs. (b) The pore size distribution of the $NiMoO_4$ NPAs obtained from adsorption branches of corresponding isotherms by BJH method.

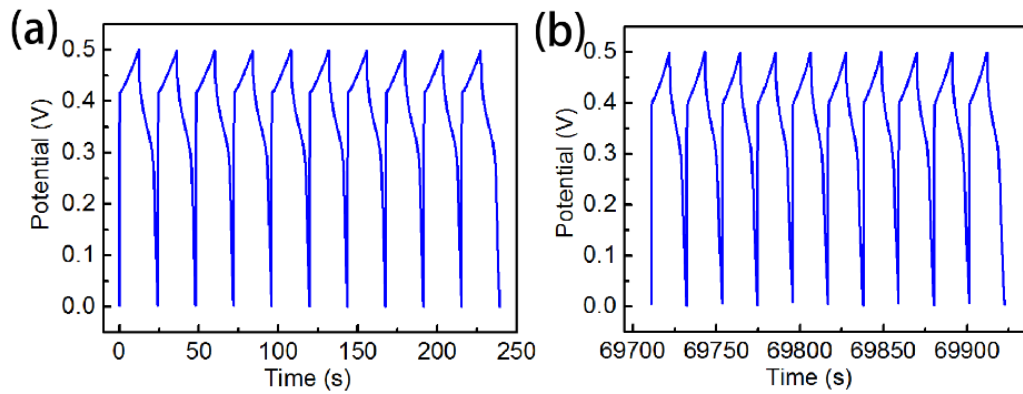


Fig. S4 Initial and last ten cycles of the $Ni@NPAs$ electrode at a current density of 60 mA cm^{-2} .

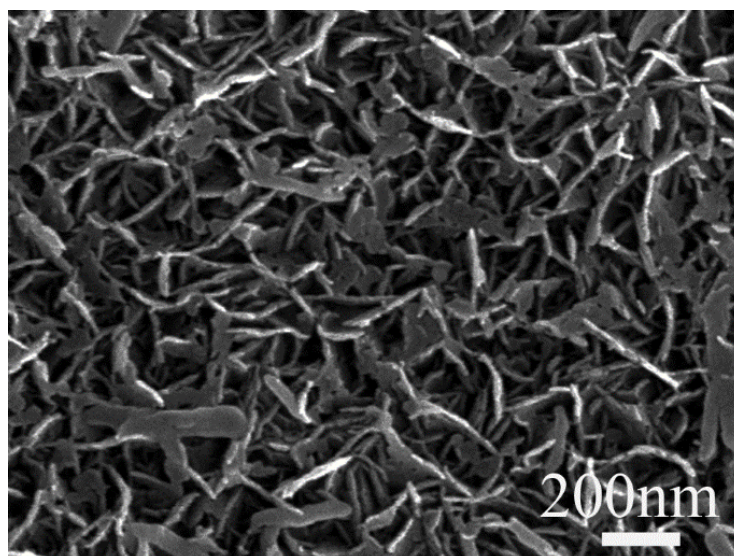


Fig. S5 FE-SEM of $Ni@NPAs$ after 3000 cycles.