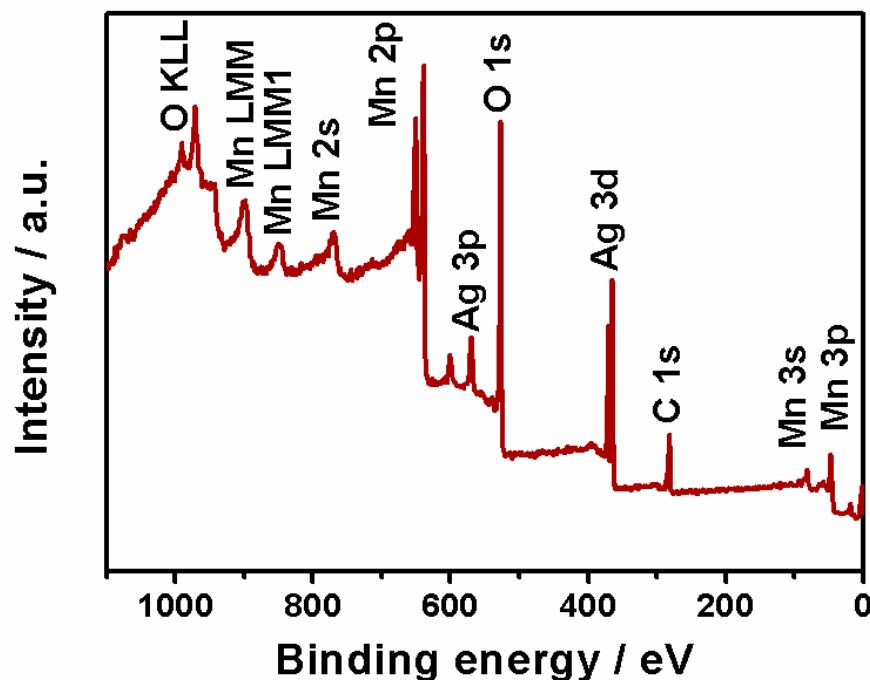


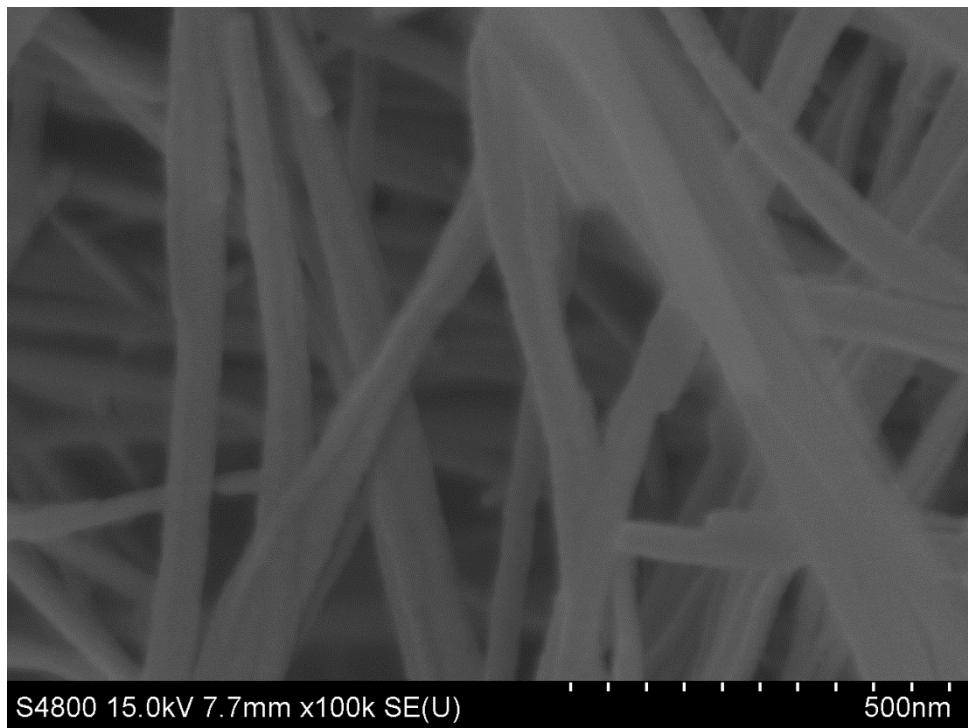
## Electronic Supplementary Information

### Hierarchical heterostructures of Ag nanoparticles decorated MnO<sub>2</sub> nanowires as promising electrodes for supercapacitors

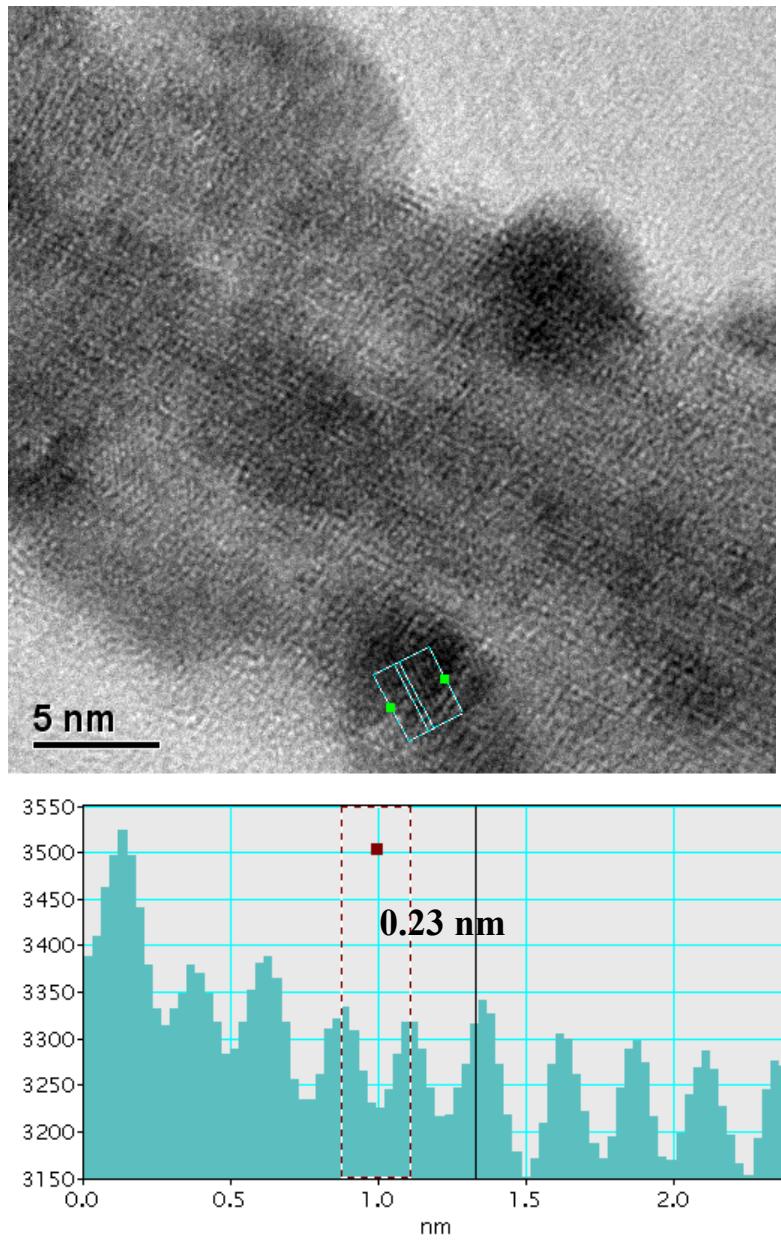
Hui Xia<sup>a,b,\*</sup>, Caiyun Hong<sup>a,b</sup>, Xiaoqin Shi<sup>a</sup>, Bo Li<sup>a,b</sup>, Guoliang Yuan<sup>a</sup>, Qiaofeng Yao<sup>c</sup>, Jianping Xie<sup>c,\*</sup>



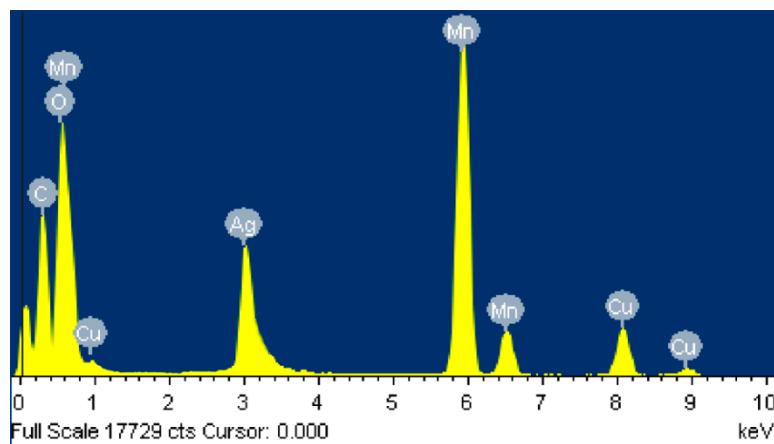
**Fig. S1** XPS full-survey-scan spectrum of the Ag/MnO<sub>2</sub> nanowires.



**Fig. S2** A representative FESEM image of the bare MnO<sub>2</sub> nanowires.

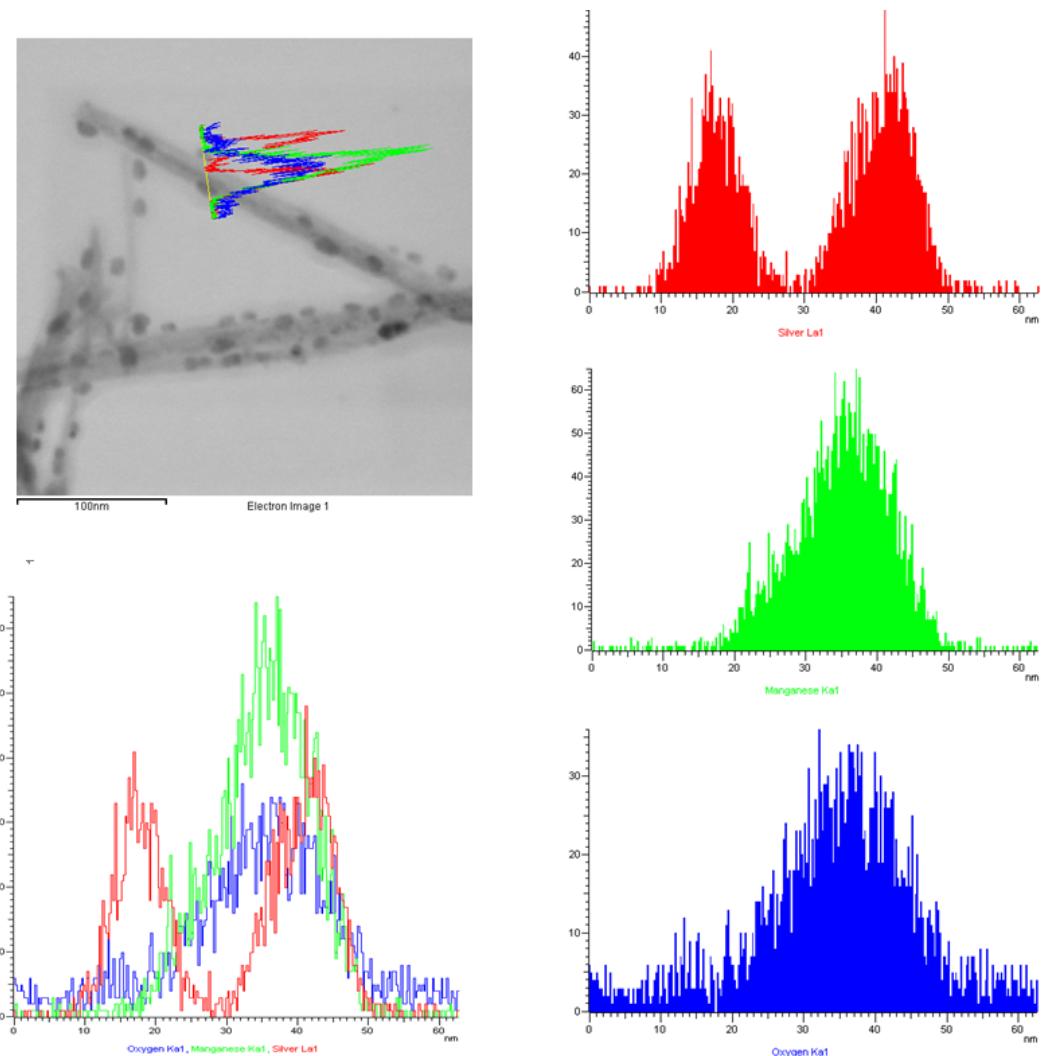


**Fig. S3** HRTEM image of a single Ag/MnO<sub>2</sub> nanowire.

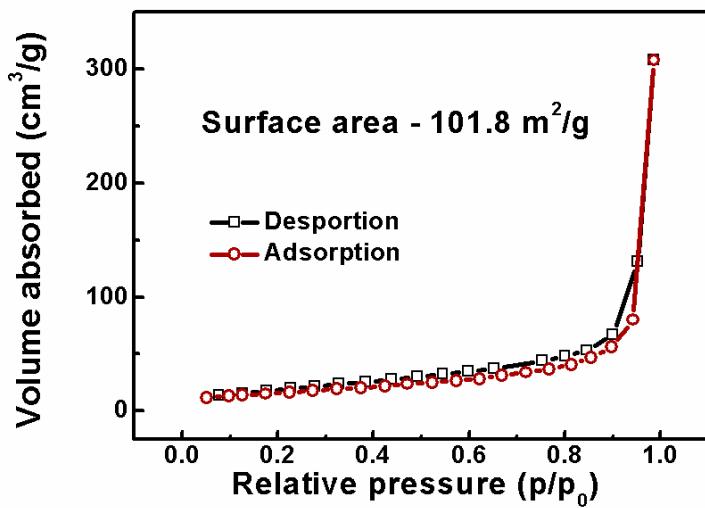


Element	Weig ht%	Atomic %
C K	16.05	39.30
O K	17.52	32.21
Mn K	34.97	18.72
Cu K	6.27	2.90
Ag L	25.19	6.87
Totals	100.0	0

**Fig. S4.** EDS spectrum of the Ag/MnO<sub>2</sub> nanowires.



**Fig. S5.** EDS line scan of a Ag/MnO<sub>2</sub> nanowire.



**Fig. S6.** N<sub>2</sub> adsorption–desorption isotherms of the Ag/MnO<sub>2</sub> nanowires.