Supporting Information

Integrating spin-crossover nanoparticles with silver nanowires: toward magnetic and conductive bifunctional nanomaterials

Zhi-Hua Li,[a] Yu-Xia Wang,[a] Wang-Kang Han,[a] Wei Zhu,[a] Tao Li,[a] Zaijun Li,[a] Xuehong Ren,[b] and Zhi-Guo Gu[a]*

[a] Key Laboratory of Synthetic and Biological Colloids,, Ministry of Education, School of Chemical and Material Engineering, Jiangnan University, Wuxi 214122, P.R. China

[b] The Key Laboratory of Eco-textiles of Ministry of Education, College of Textiles and Clothing, Jiangnan University, Wuxi 214122, P.R. China

E-mail: zhiguogu@jiangnan.edu.cn

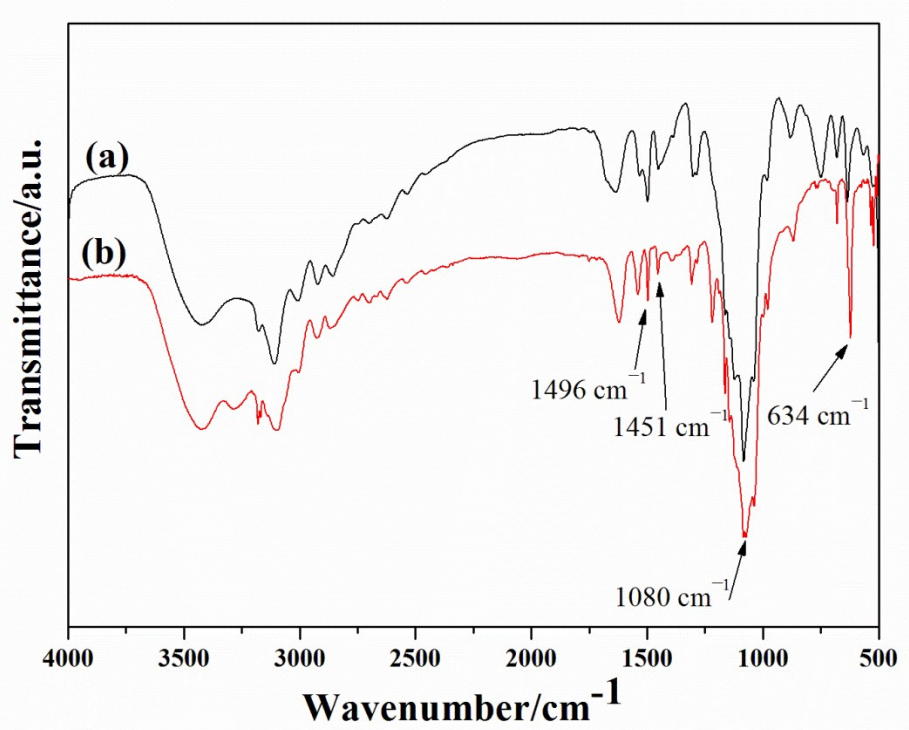

Fig. S1 FT-IR spectra of AgNWs@SCO-1 (a) and SCO-1 (b).

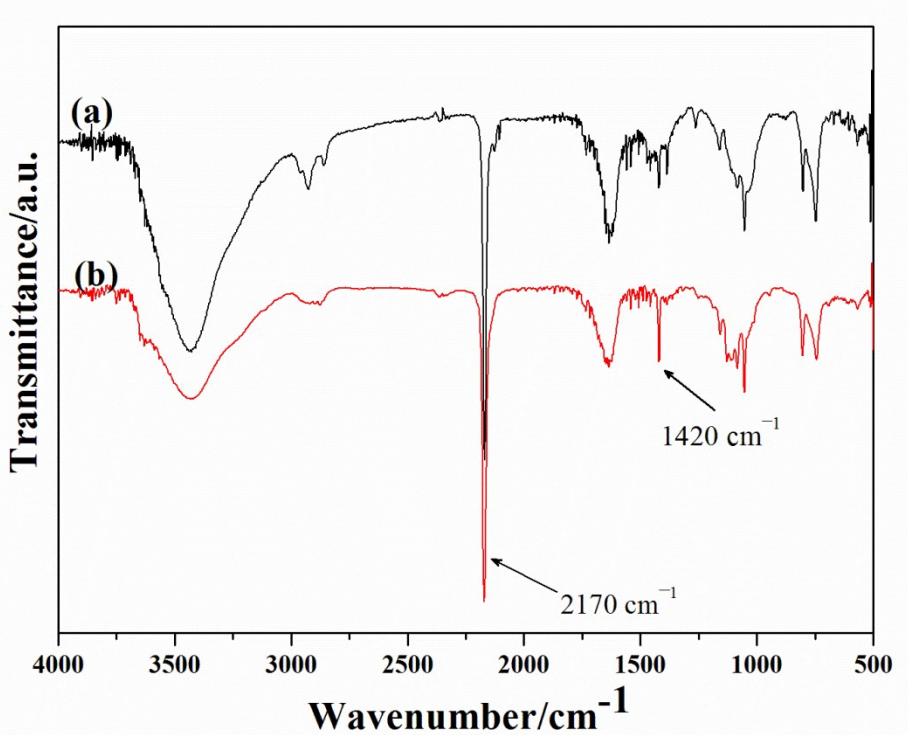

Fig. S2 FT-IR spectra of AgNWs@SCO-2 (a) and SCO-2 (b).

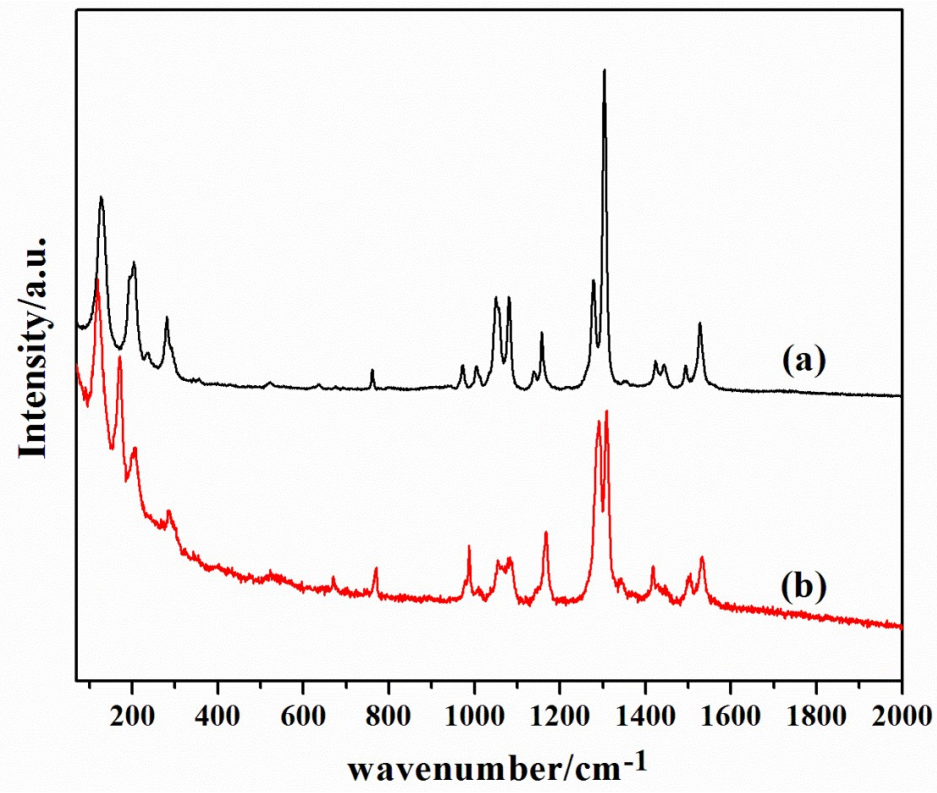

Fig. S3 Raman spectra of SCO-1 (a) and AgNWs@SCO-1 (b).

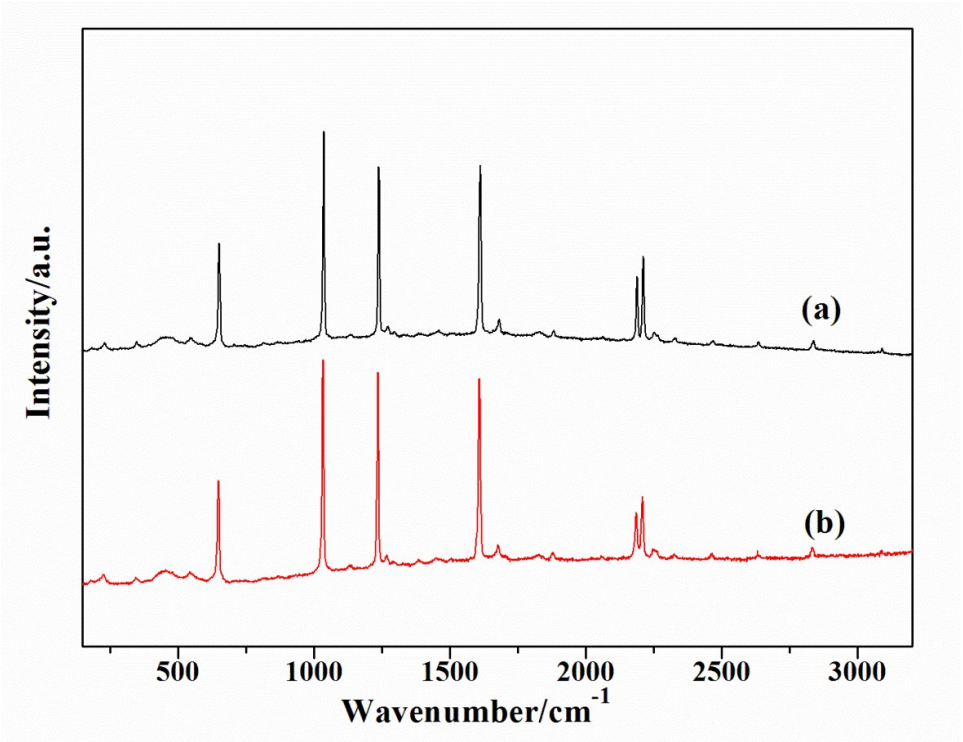

Fig. S4 Raman spectra of SCO-2 (a) and AgNWs@SCO-2 (b).

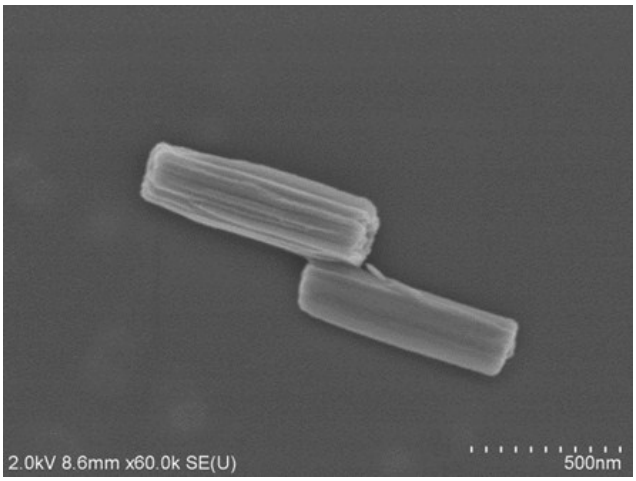

Fig. S5 SEM image of individual SCO-1 with the size of *ca.* 600 nm × 150 nm.

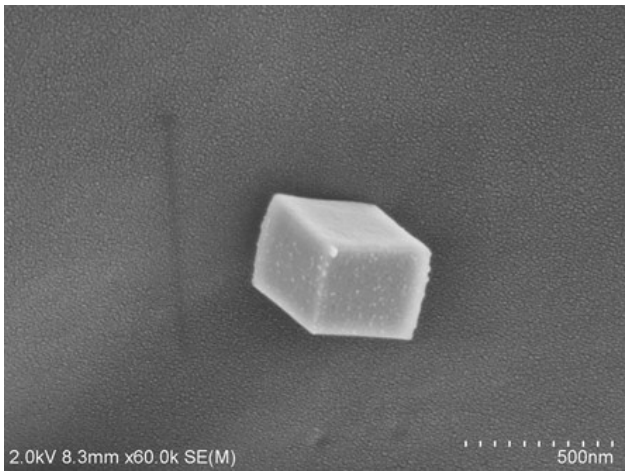

Fig. S6 SEM image of individual SCO-2 with the size of *ca.*350 nm × 350 nm × 200 nm.