Electronic Supplementary Information

Facile preparation of reduced graphene oxide supported PtNi alloyed nanosnowflakes with highly catalytic activity

Pei Song, Jiu-Ju Feng, Shu-Xian Zhong, Su-Su Huang, Jian-Rong Chen, Ai-Jun Wang*

College of Chemistry and Life Science, College of Geography and Environmental Science, Zhejiang Normal University, Jinhua, 321004, China

**Corresponding author: ajwang@zjnu.cn (AJW), Tel./Fax: +86 579 82282269.*

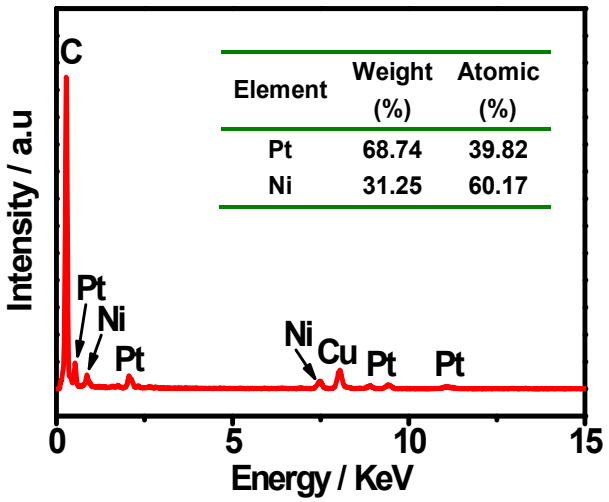

Fig. S1. EDS spectrum of PtNi nanosnowflowers/RGO.

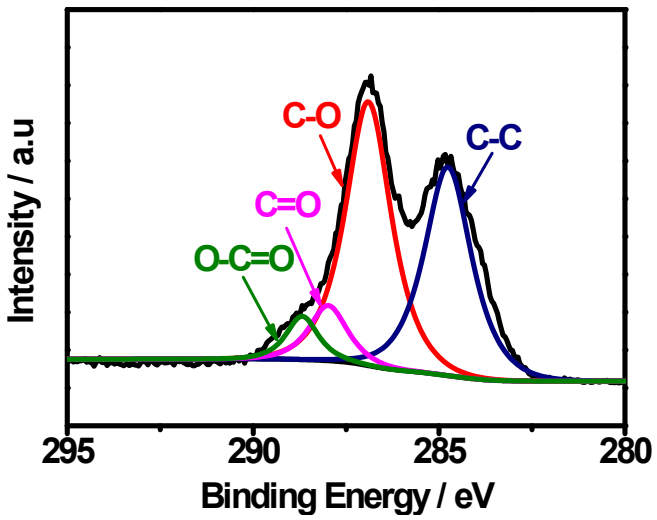

Fig. S2. High-resolution C 1s XPS spectrum of GO.

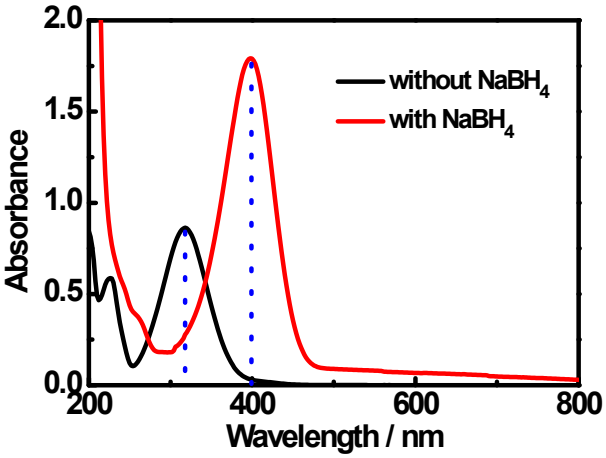

Fig. S3. UV-vis spectra of *p*-nitropenol before and after the addition of $NaBH_4$.

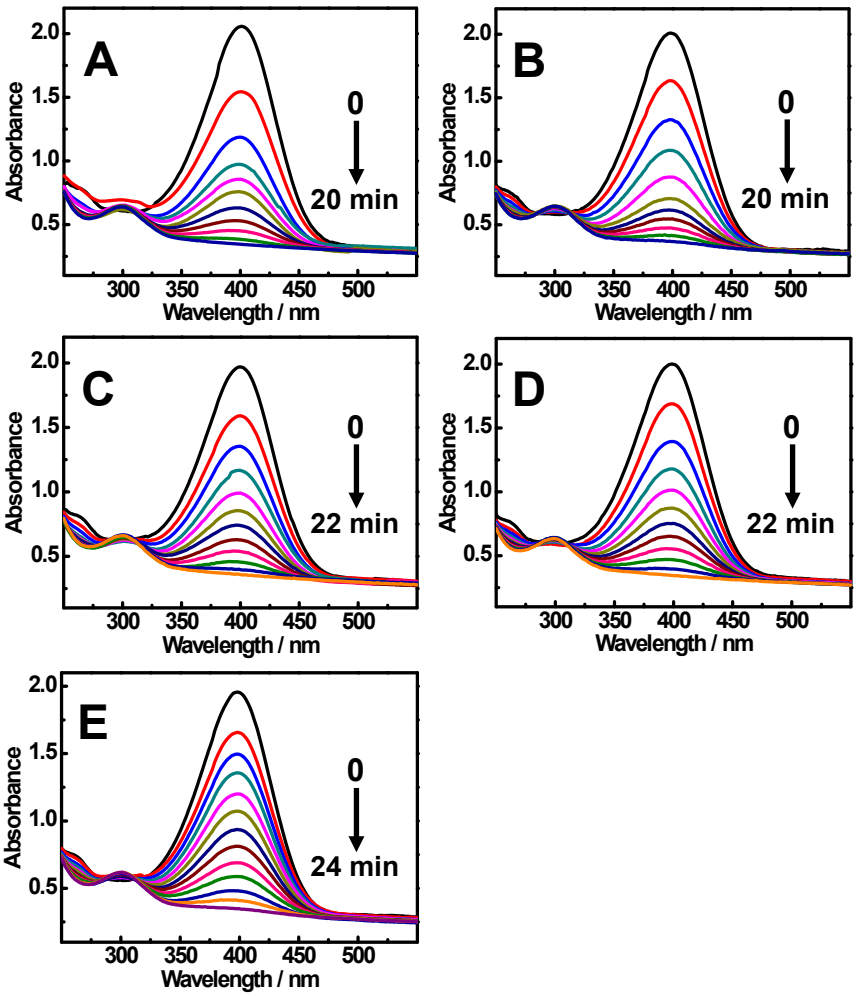

Fig. S4. Time-dependent UV-vis absorption spectra showing five cycles of the catalytic reduction of *p*-NP over PtNi nanosnowflowers/RGO catalyst.

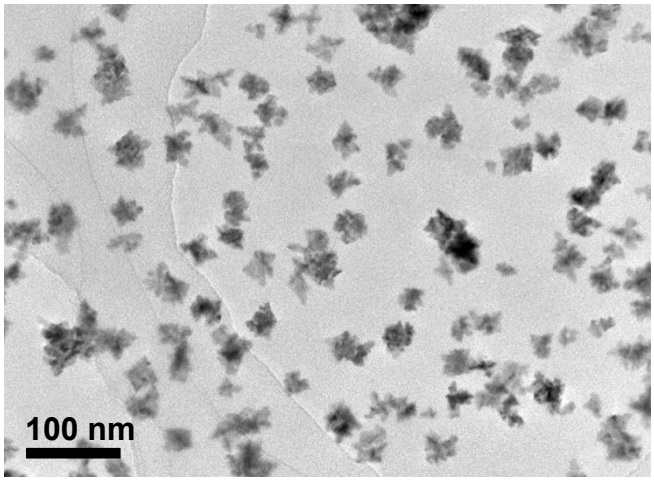

Fig. S5. TEM image of PtNi nanosnowflowers/RGO after five recycling tests.