

Supplementary Information

Magnetic properties of N-doped graphene with high Curie temperature

*Qinghua Miao, Lidong Wang, Zhaoyuan Liu, Bing Wei, Fubiao Xu, and Weidong Fei**

School of Materials Science and Engineering, Harbin Institute of Technology,
Harbin 150001, China

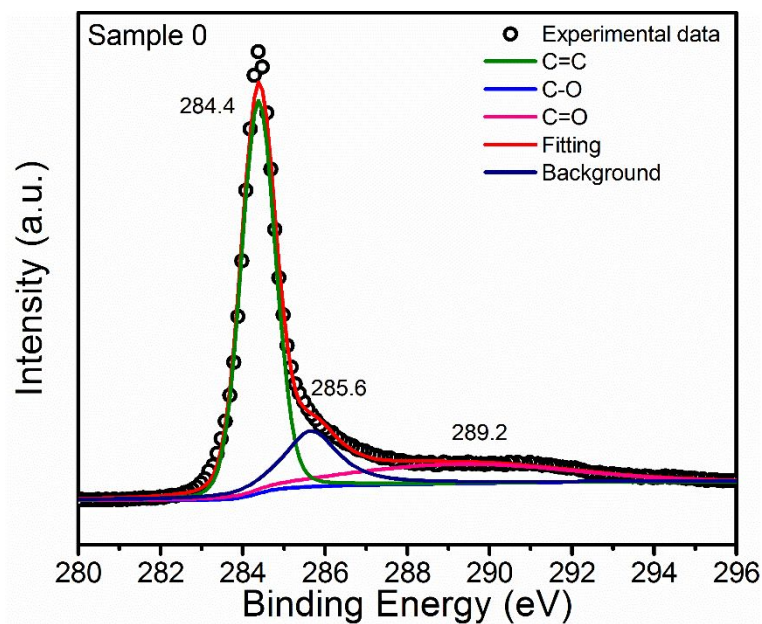


Figure S1 XPS C 1s peak of pristine graphene

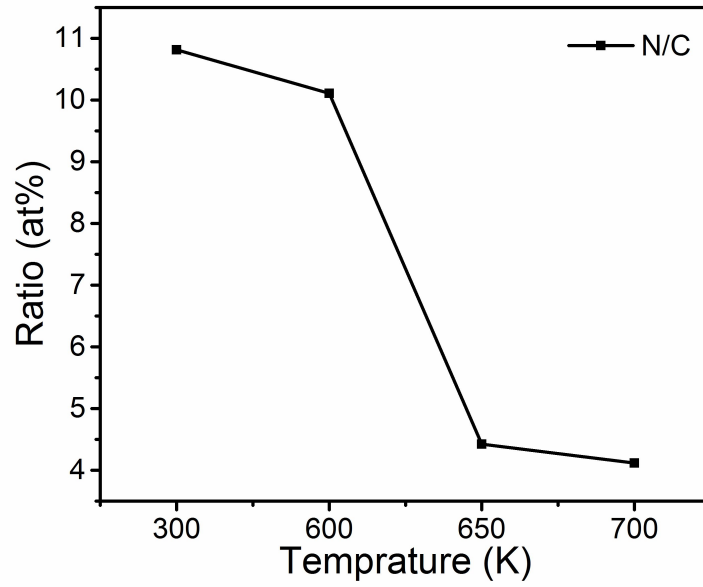


Figure S2 Ratio of N/C after annealing at different temperature of Sample 2

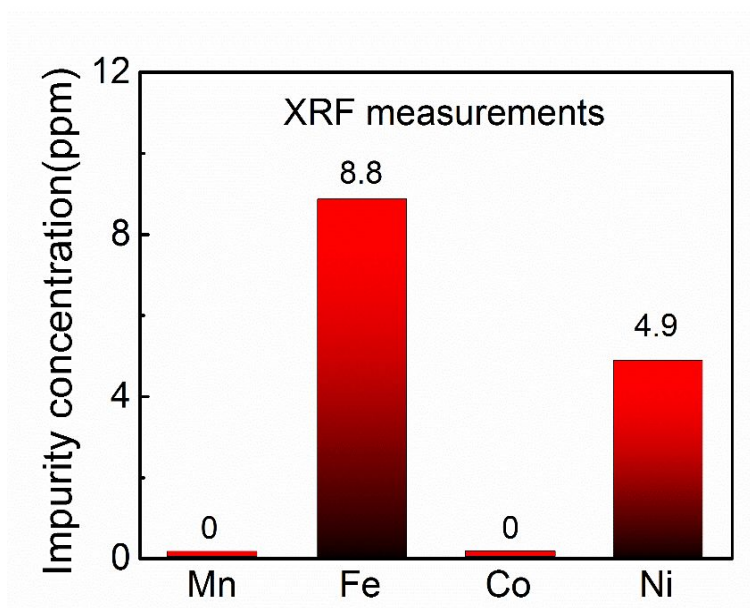


Figure S3 Content of ferromagnetic impurities of sample 2 by XRF

Table S1 XPS of Sample 2 treated by different temperature

PP At%	T(K)			
	300	600	650	700
C	85.91	87.17	93.57	93.94
N	9.29	8.81	4.14	3.87
O	3.79	4.02	2.29	2.2