

Supporting Information

Highly Selective Hydrogenation of Halogenated Nitroarenes over Ru/CN Nanocomposites by *in situ* Pyrolysis Route

Shengnan Yue^a, Xueguang Wang^{a,*}, Shaoting Li^a, Yao Sheng^a, Xiujing Zou^a, Xionggang Lu^a,
Chunlei Zhang^{b,*}

^a State Key Laboratory of Advanced Special Steel, School of Materials Science and Engineering, Shanghai University, Shanghai 200444, China

^b Education Ministry Key Lab of Resource Chemistry, Shanghai Key Laboratory of Rare Earth Functional Materials, College of Chemistry and Materials Science, Shanghai Normal University, Shanghai 200234, China

E-mail: wxg228@shu.edu.cn (X. G. Wang); zhangchunlei@shnu.edu.cn (C. L. Zhang)

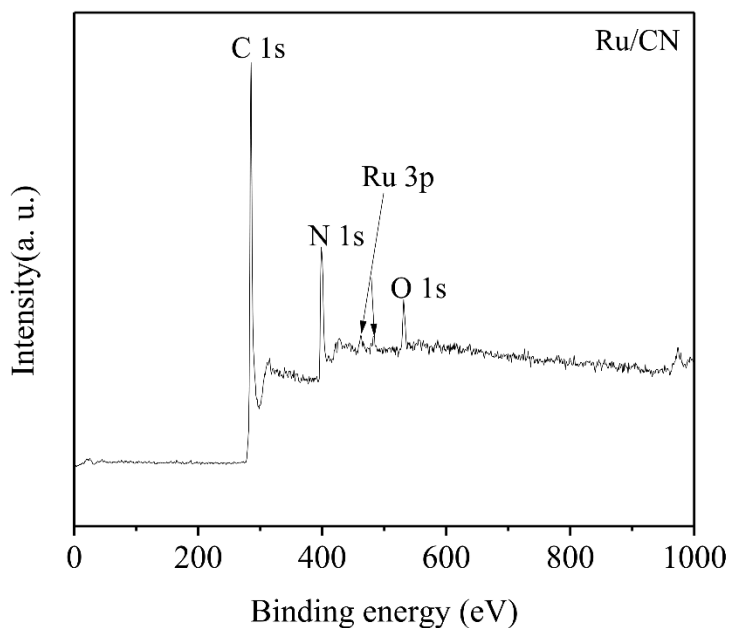


Fig. S1 The XPS full spectrum of Ru/CN catalyst.

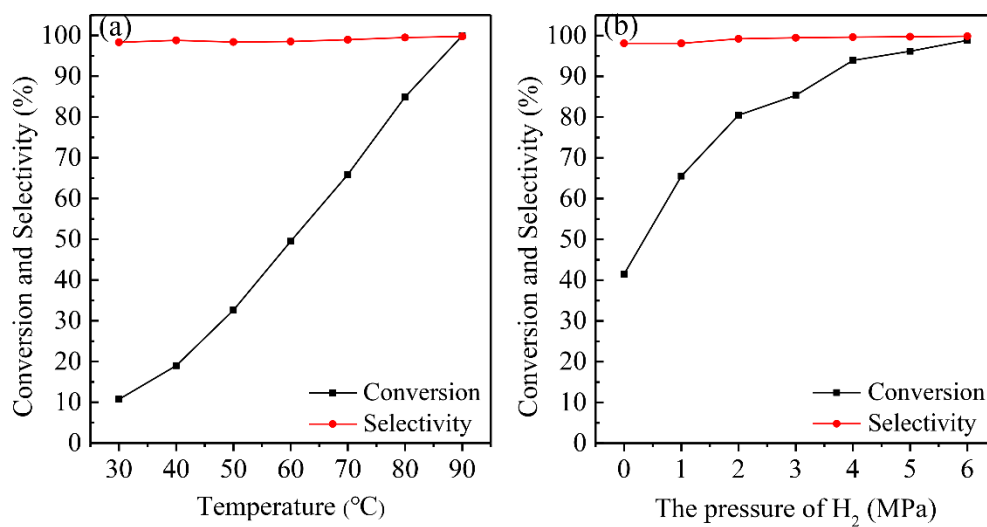


Fig. S2 The influences of (a) reaction temperature and (b) pressure on the Ru/CN catalyst.