

Supporting Information for:

Pt-Co deposited on polyaniline-modified carbon for the electro-reduction of oxygen: The interaction between Pt-Co nanoparticle and polyaniline

Yang Liu,[&] Nanjun Chen,[&] Fanghui Wang, Yezheng Cai, Hong Zhu*

State Key Laboratory of Chemical Resource Engineering, Institute of Modern Catalysis,
Department of Organic Chemistry, School of Science, Beijing University of Chemical Technology,
Beijing, 100029, P. R. China [Tel:+86-10-64444919](tel:+86-10-64444919);
E-mail: zhuho128@126.com

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Table S1. The electrochemical activity of catalysts

Sample	Mass percentage of Pt (Pt wt %)	Electrochemical surface area (m ² /g _{Pt})	Mass activity (A/mg _{Pt})	Specific activity (mA/cm _{Pt} ²)
JM Pt/C	20	68	0.17	0.25
Pt-Co/C-PANI	10	133	0.68	0.51
Pt-Co/C-PANI-400 °C	11	146	1.16	0.79
Pt-Co/C-PANI-500 °C	14	101	1.38	1.37
Pt-Co/C-PANI-600 °C	17	43	0.56	1.32

Table S2. The mass percentage values of Pt on the catalysts

	Pt-Co/C	Pt-Co/C-PANI	Pt-Co/C- 500 °C	Pt-Co/C-PANI-500 °C
Mass percentage of Pt (Pt wt %)	10	10	11	14

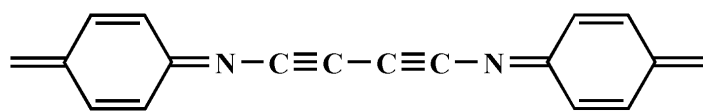


Fig. S1 Structure of PANI at 500°C.