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Supporting Information

Tuning the performance of Pt-Ni alloy/reduced graphene oxide catalysts for 4nitrophenol reduction

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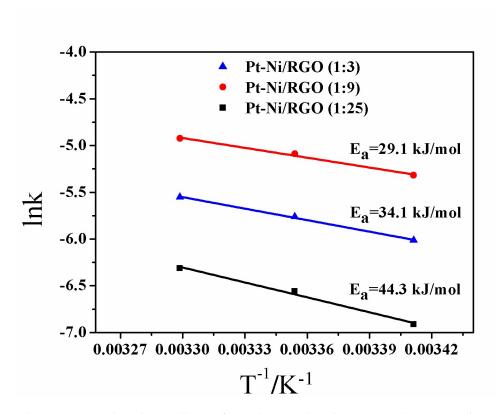


Fig. S1 Arrhenius plots for the reduction reaction catalysed by Pt-Ni/RGO nanocatalysts.

Table. S1 the apparent activation energy (E_a) and pre-exponential factor (A) of the Pt-Ni/RGO nanocatalysts.

catalysts	E _a (kJ/mol)	A (s ⁻¹)
Pt-Ni/RGO (1:3)	34.1	2.96×10³
Pt-Ni/RGO (1:9)	29.1	0.78×10^{3}
Pt-Ni/RGO (1:25)	44.3	79.46×10³