Electronic Supplementary Material (ESI) for Faraday Discussions
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Electronic supplementary information of FD164

Electroanalysis using modified hierarchical nanoporous carbon materials

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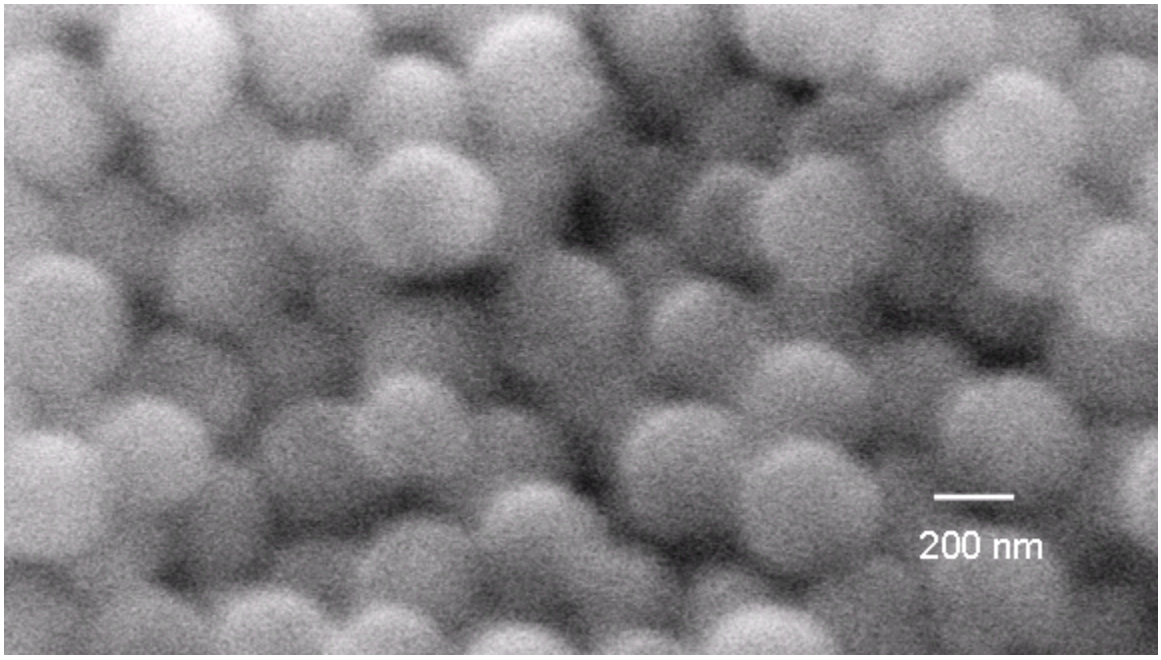


Figure S1
Scanning electron microscopy of an opal formed by SiO_2 nanopartucles.

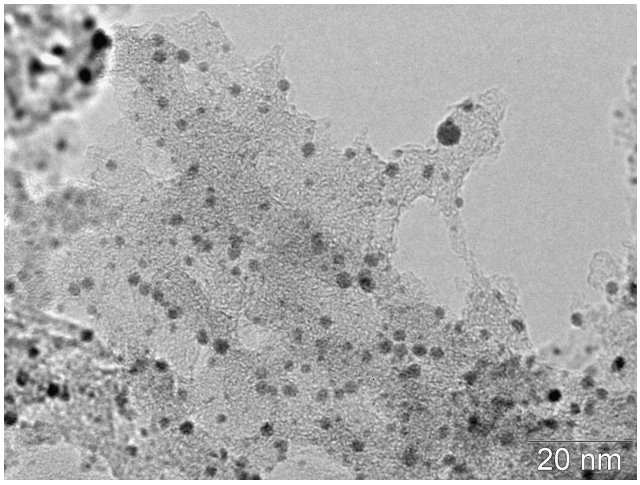


Figure S2
High resolution microscopy of a sPC with PtRu nanoparticles

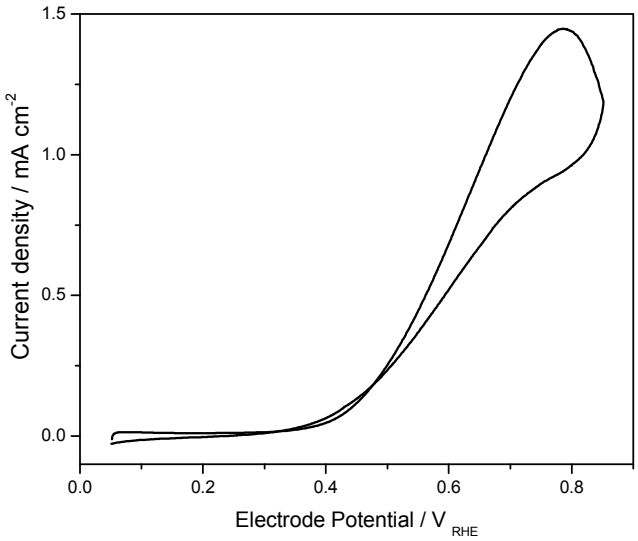
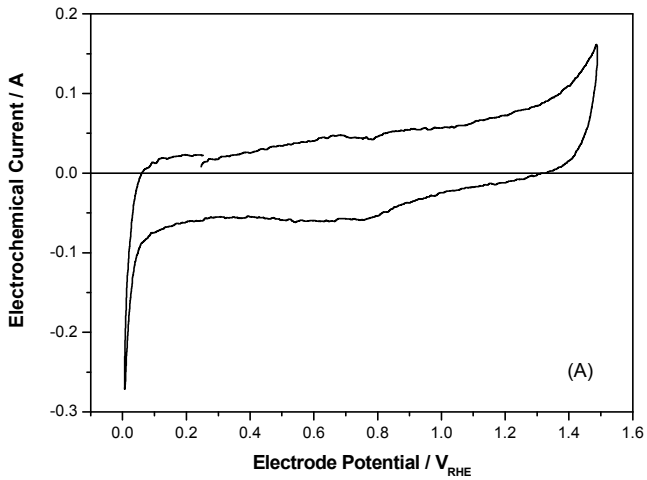


Figure S3.

CV at 60 ºC in 1 M CH_3OH / 1 M H_2SO_4 for PtRuNP-sPC . v = 20 mVs^{-1}



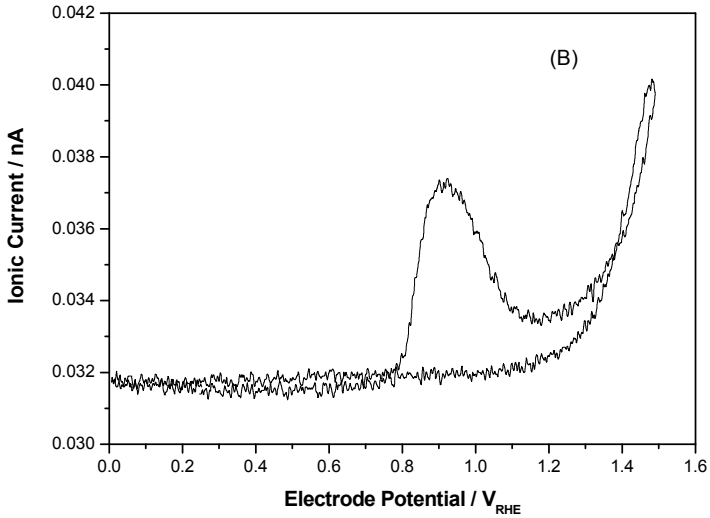


Figure S4.
(A) cyclic voltammogram and (B) DEMS signal of adsorbed CO on a porous vitreous carbon electrode loaded with Pt nanoparticles. Electrolyte = 0.5 M H_2SO_4. Scan rate = 1 mV/s

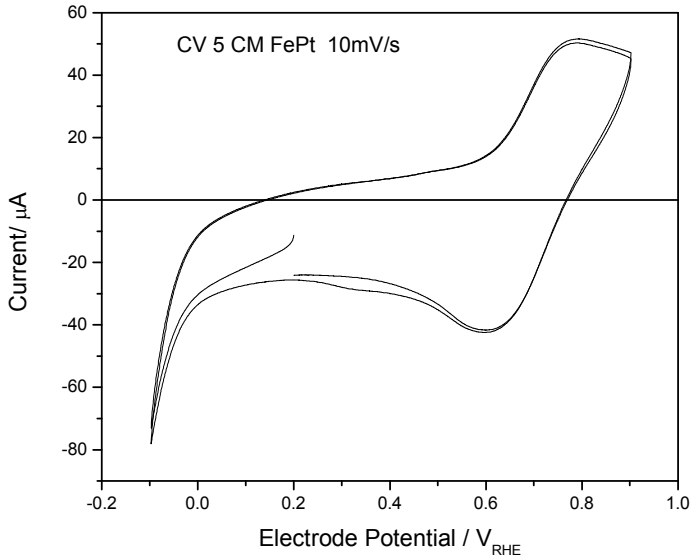


Figure S5.
Cyclic voltammogram of a dPC electrode loaded with Pt decorated magnetite nanoparticles in deareated 0.5 M H_2SO_4.