

Supplementary Materials

Polyethyleneimine decorated graphene oxidate-supported Ni_{1-x}Fe_x bimetallic nanoparticles as efficient and robust electrocatalysts for hydrazine fuel cells

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Table S1

The compositions of the Ni-Fe alloy catalysts derived from inductively coupled plasma spectra(ICP)

The molar mass of Nickel(II) sulfate (mmol)	The molar mass of Iron(II) sulfate (mmol)	The compositions of the most active catalysts
0.77	0.09	Ni _{90.2} Fe _{9.8}
0.68	0.18	Ni _{79.6} Fe _{20.4}
0.59	0.27	Ni _{70.1} Fe _{29.9}
0.51	0.36	Ni _{60.5} Fe _{39.5}
0.43	0.45	Ni _{49.8} Fe _{50.2}
0.34	0.54	Ni _{39.6} Fe _{60.4}
0.85	0	Ni ₁₀₀ Fe ₀
0	0.89	Ni ₀ Fe ₁₀₀