Supplementary Information

Table S1. Fitting results of the Pt 4f XPS spectra show in Figure 3c of the PMo_{12}-Pt/rGO composites.

Items	Pt (0)		Pt (II)		Pt (IV)	
B.E (eV)	71.2	74.6	72.1	75.9	74.4	77.5
Area (10^3)	10.10	9.78	4.70	3.69	1.32	2.00
Relative area (%)	62.92		26.57		10.51	

Table S2. Results of the I_f at 1st, I_f at 100th and attenuation amplitude (%) of the different modified electrode.

Sample	I_f at 1st (mA·cm^{-2} mg^{-1} Pt)	I_f at 100th (mA·cm^{-2} mg^{-1} Pt)	Attenuation Amplitude (%)
Pt/GCE	165.41	115.74	30.03
Pt/rGO/GCE	177.25	157.17	11.33
PMo_{12}-Pt/rGO/GCE	282.24	262.52	6.99

Table S3. The ECSA of different modified electrodes.

Sample	Pt/mg	Pt/cm^2	ECSA (m^2·g^{-1} Pt)
Pt/GCE	0.0051	0.66	12.94
Pt/rGO/GCE	0.0082	1.42	17.32
PMo_{12}-Pt/rGO/GCE	0.0076	1.59	20.92