

Tuning of graphene oxide composition by multiple oxidations for carbon dioxide storage and capture of toxic metals

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Table SI1. D/G ratios obtained by Raman microscopy

GO	D/G ratio
ST-GO	0.83
ST-GO-2x	0.93
ST-GO-3x	0.95
HO-GO	0.87
HO-GO-2x	-
HO-GO-3x	-
HU-GO	0.95
HU-GO-2x	0.99
HU-GO-3x	0.84

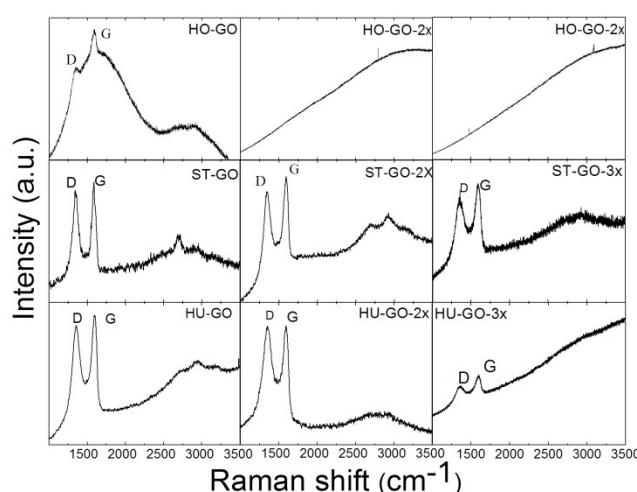


Fig. SI1 Raman spectra of graphene oxides.

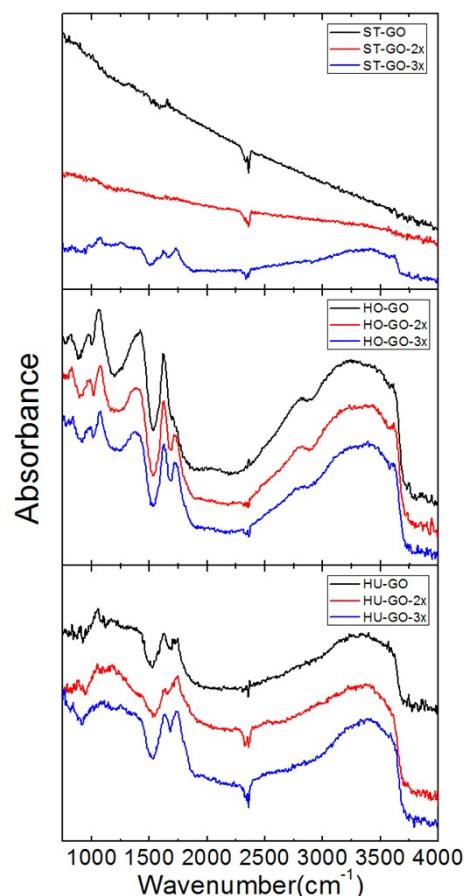


Fig. SI 2 FT-IR spectra of graphene oxides.

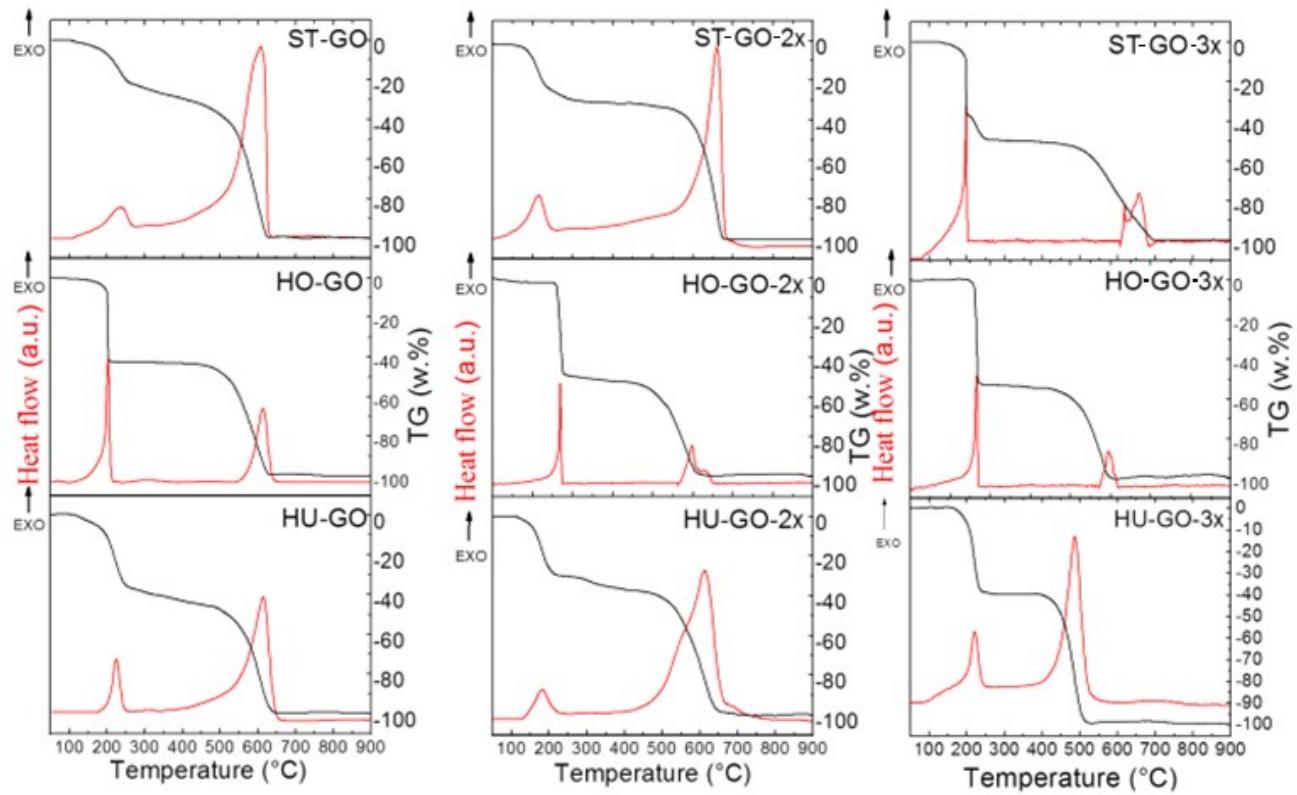


Fig. SI3. Simultaneous thermal analysis (DTA red, TG black) of graphene oxides in dynamic air atmosphere.