

Electronic Supplementary Information (ESI)

A single rapid route for the synthesis of reduced graphene oxide with antibacterial activities

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XPS DATA

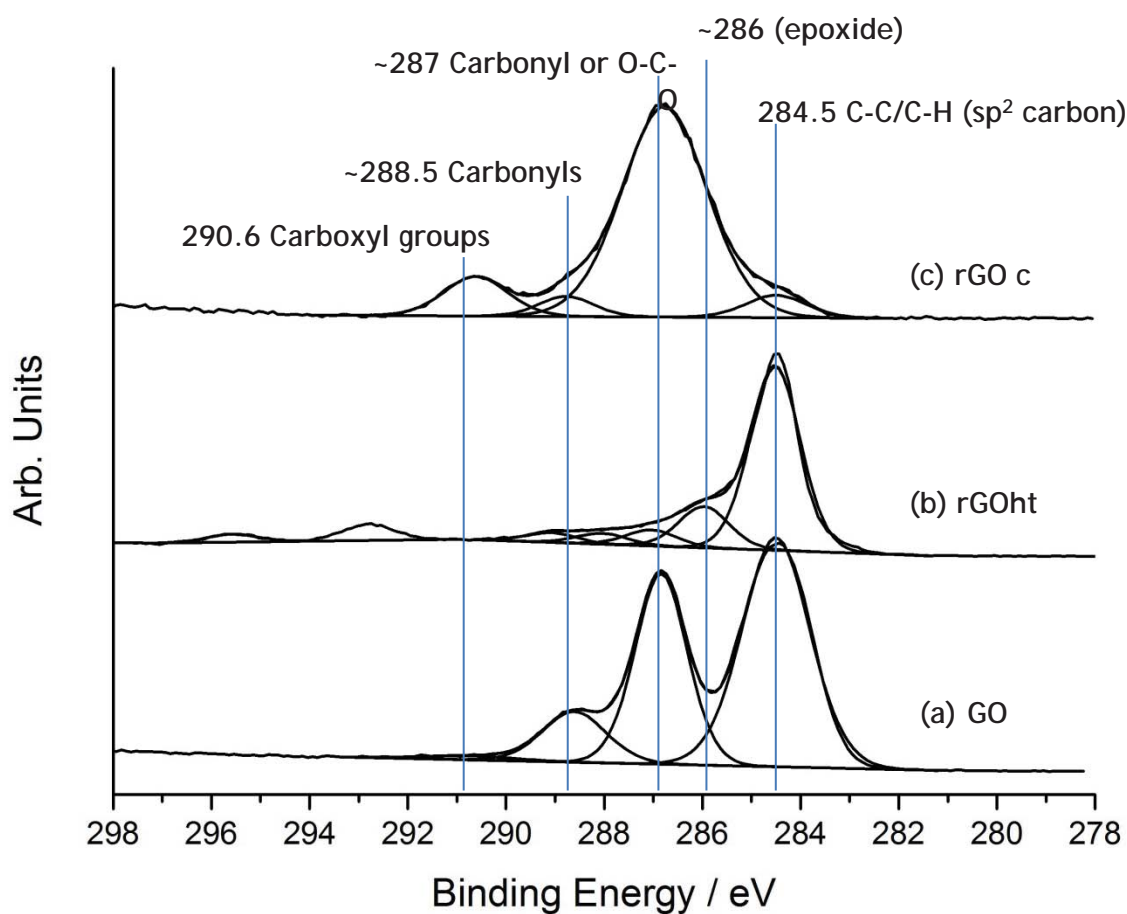


Fig. S1. XPS spectra of (a) graphene oxide (GO), (b) reduced graphene oxide material (rGOht) synthesised *via* continuous hydrothermal process and (c) reduced graphene oxide synthesised using conventional method (rGOc).

Table S1. Atomic composition data from XPS analysis

Data Set	Name	%At Conc
GO	O 1s	27.23
	C 1s	70.78
	N 1s	0.80
	F 1s	0.74
	S 2p	0.30
	Cl 2p	0.15
rGOht	O 1s	17.89
	C 1s	78.96
	Cl 2p	0.19
	K 2s	2.96
rGOc	O 1s	21.41
	C 1s	76.41
	Si 2p	2.19