

Supporting information

Table S1 The proportions of functional groups both in C1s and O1s peak.

Peak	Functional groups	Proportion/%
C1s	C-C in aromatic rings	51.4
	C-C=O	34.2
	C-O	6.8
	O-C=O	7.5
O1s	C-O	57.1
	C-OH	42.9

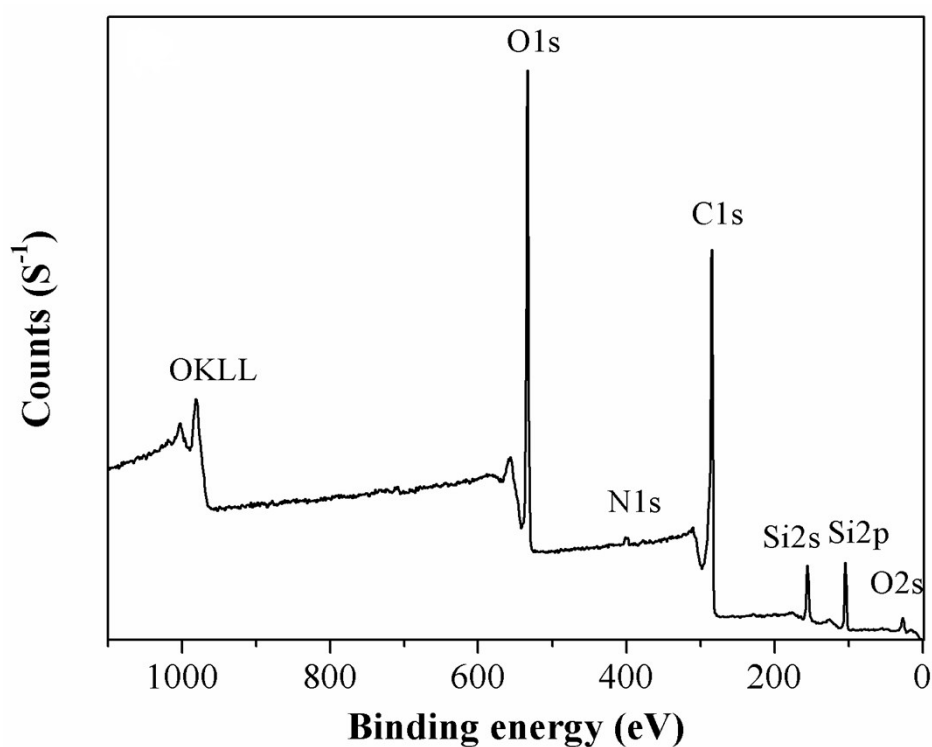


Fig. S1 Wide XPS spectrum of the MFAC.

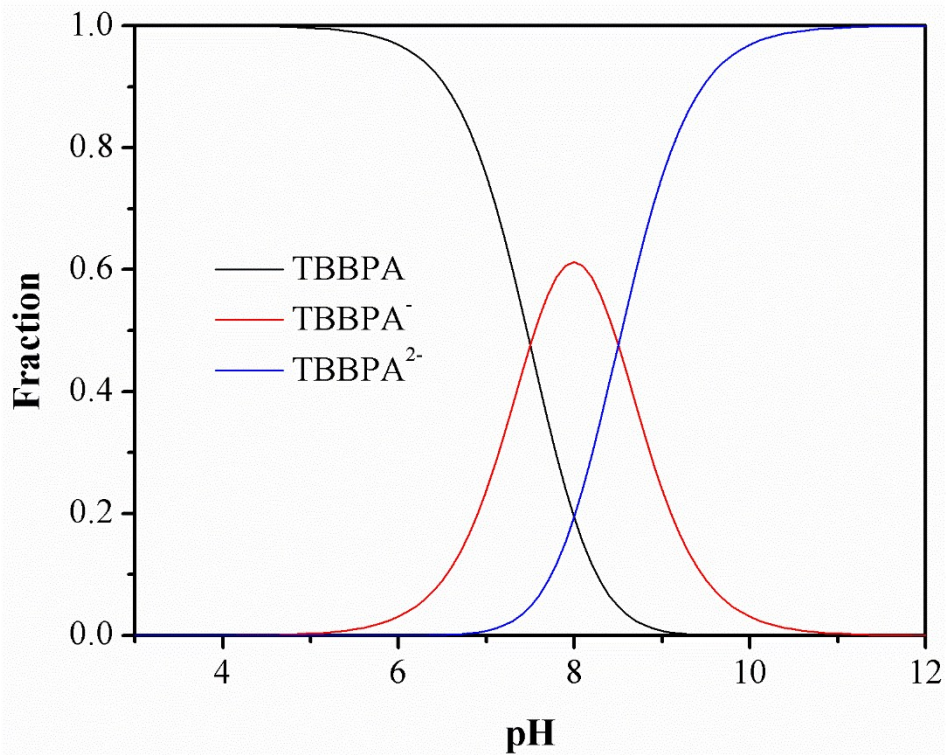


Fig. S2 Species distribution of TBBPA as a function of pH values.

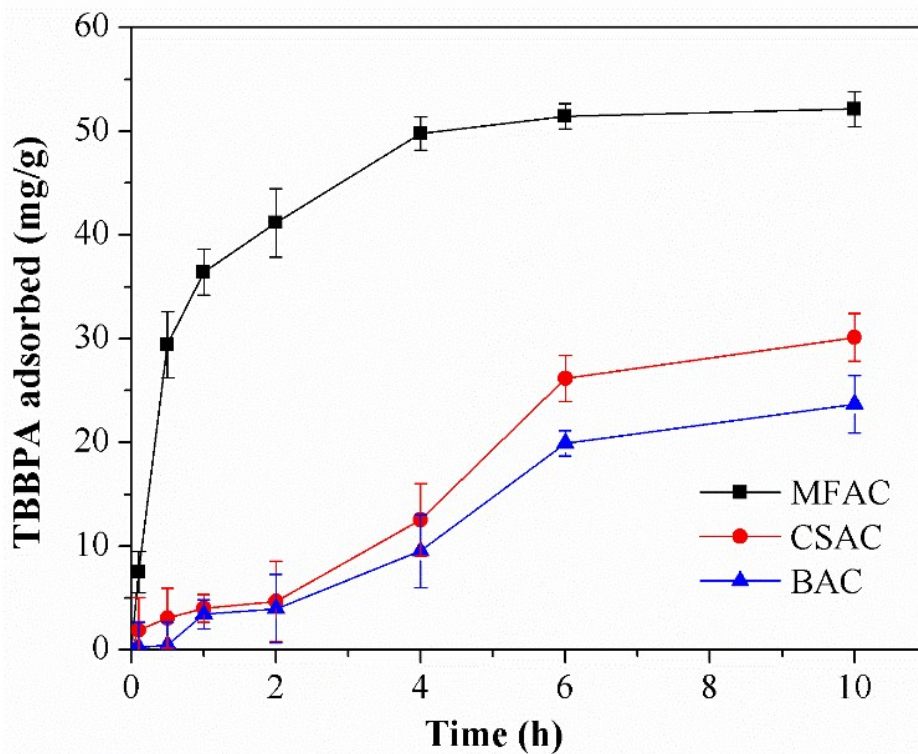


Fig. S3 Adsorption on TBBPA by different activated carbons (TBBPA = 10 mg/L, MFAC, commercial coconut shell activated carbon and bamboo activated carbon = 150.0 mg/L, T = 30 °C, pH = 9.0, t = 10 h).