

Supporting Information

Table S1 The main physico-chemical characteristics of tea waste used in the experiments

Parameter	value
BET surface Area (m ² /g)	0.82
BJH Pore Size (nm)	32.45
Pore Volume (cm ³ /g)	0.0049
Elemental analysis (%)	
C	49.65
H	6.82
O	36.85
N	6.01
S	0.43
Ash content (%)	3.72
Moisture content (%)	6.44