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4

4

/

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A

A

A

B

B

12h

40 60

12h

C

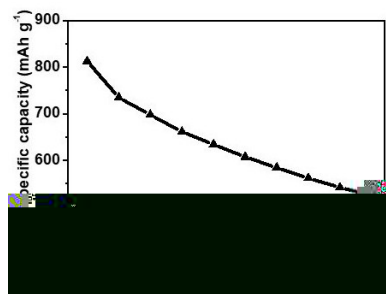
C

120

12h

C

/



1. /
 1 1: 1: 3 10min
 A
 2 A A
 1h 300 2h
 10 min¹ 800 2h B
 3 B 2mol L⁻¹ 12h
 40 60 12h
 1430 1853m² g⁻¹ 2.67 3.05nm 1.007 1.394cm³
 g⁻¹
 4 2: 3 120
 12h /

/

" "

/

/

/

/

10min 1 A 1: 1: 3
2 A
2h 10 min¹ 800 2h 1h 300 A
B

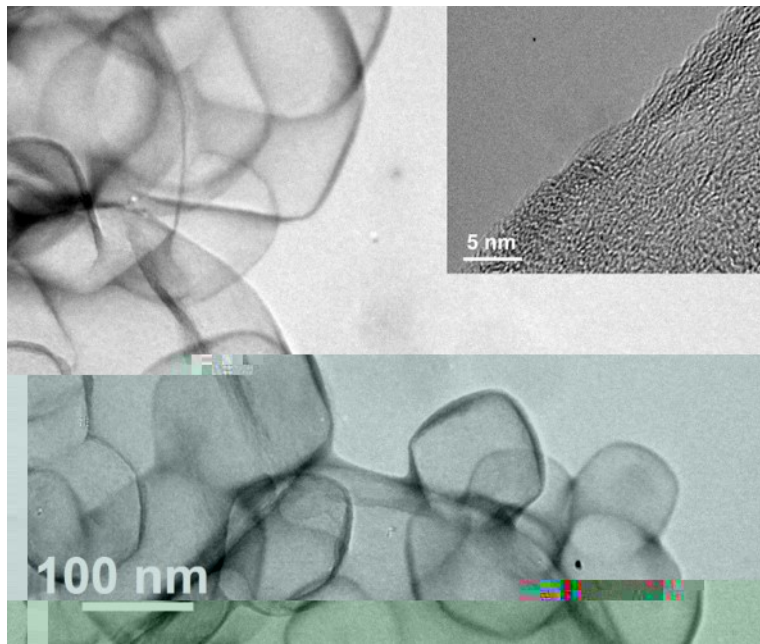
3	B		2mol L ⁻¹		12h	
			40 60		12h	
4				2:3		120
12h					/	
		3				1430 1853m ² g ⁻¹
2.67	3.05nm	1.007	1.394cm ³ g ⁻¹			
1						
2						1430 1853m ² g ⁻¹
2.67	3.05nm	1.007	1.394cm ³ g ⁻¹			
3						
4						
5		/				68%
	885 986mAh g ⁻¹		1.8 2.8V	0.2C		50
	476 518mAh g ⁻¹					
1		1				
2		2				
3		3				
4		1				
5		2				
6		3				
7		1				
8		2				
9		3				

1
 1 1g 1g 3g 10min
 A1
 2 A1 A1 300
 75mL min⁻¹ 1h
 2h 10 min⁻¹ 800 2h B1
 3 B1 2mol L⁻¹ 12h
 40 60 12h C1
 4 C1 2:3
 150 12h / D1
 5 D1 986mAh
 g⁻¹ 1.8 2.8V 0.2C 50 518mAh g⁻¹

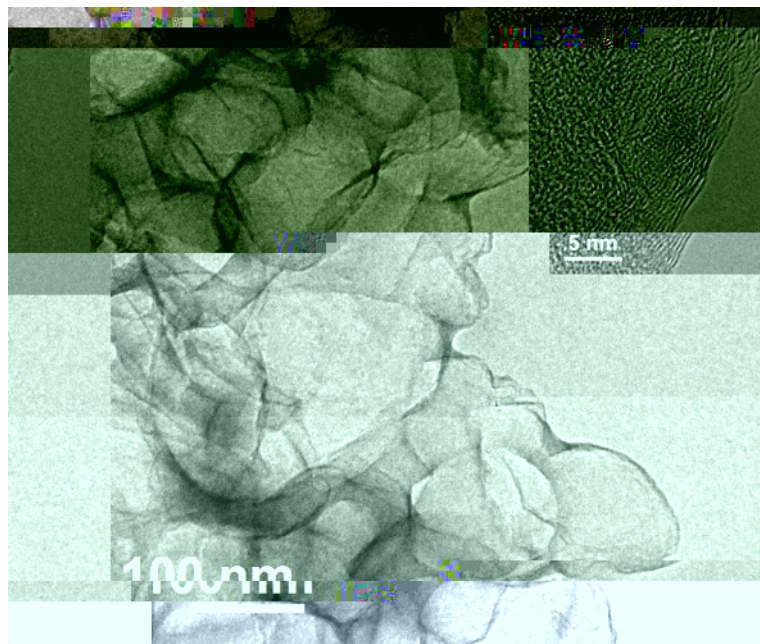
2
 1 1g 1g 3g 10min
 A2
 2 A2 A2 300
 75mL min⁻¹ 1h
 2h 10 min⁻¹ 800 2h B2
 3 B2 2mol L⁻¹ 12h
 40 60 12h C2
 4 C2 2:3
 150 12h / D2
 5 D2 925mAh
 g⁻¹ 1.8 2.8V 0.2C 50 517mAh g⁻¹

3
 1 1g 1g 3g 10min
 A3
 2 A3 A3 300
 75mL min⁻¹ 1h
 2h 10 min⁻¹ 800 2h B3
 3 B3 2mol L⁻¹ 12h
 40 60 12h C3
 4 C3 2:3

150	12h		/	D3	
	5		D3		885mAh
g ⁻¹		1.8 2.8V	0.2C	50	476mAh g ⁻¹

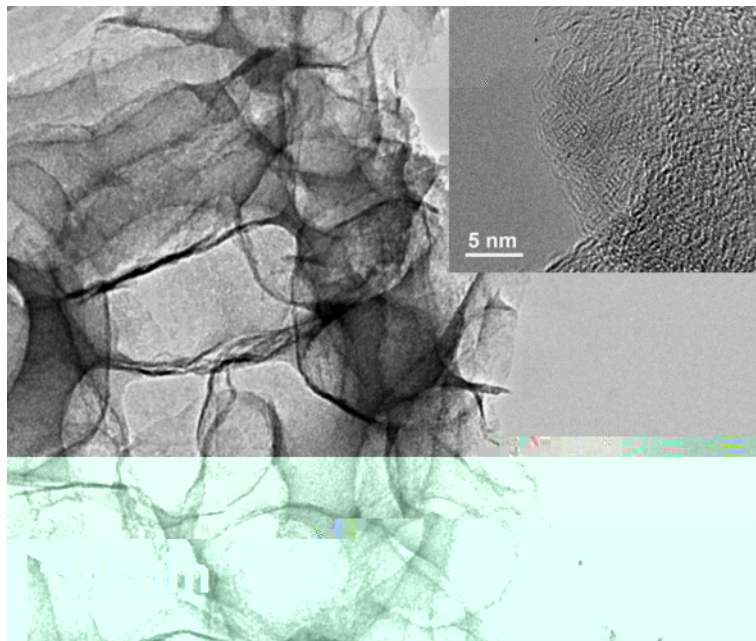


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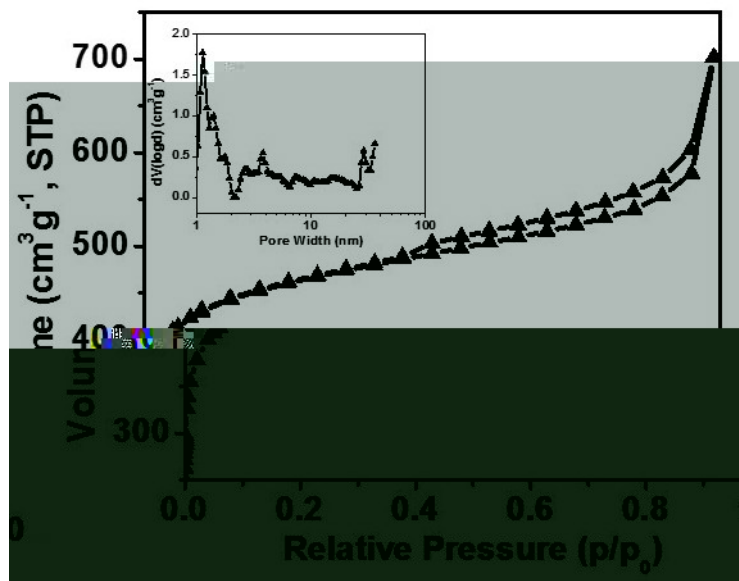


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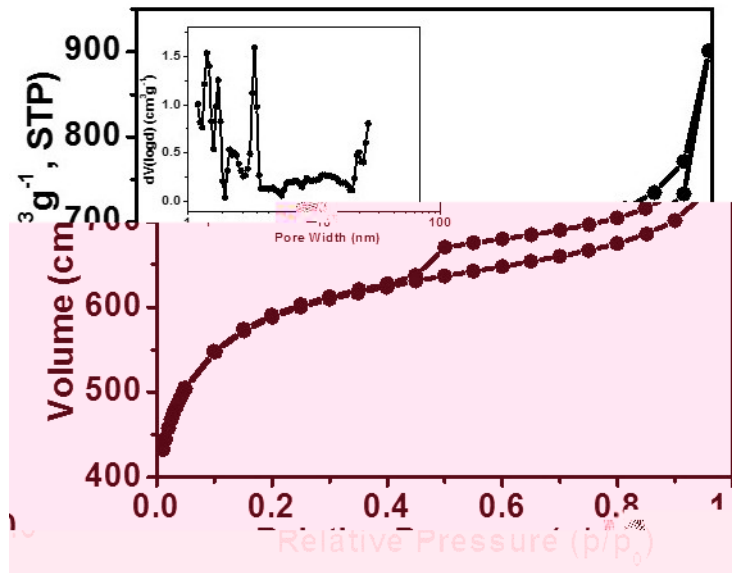


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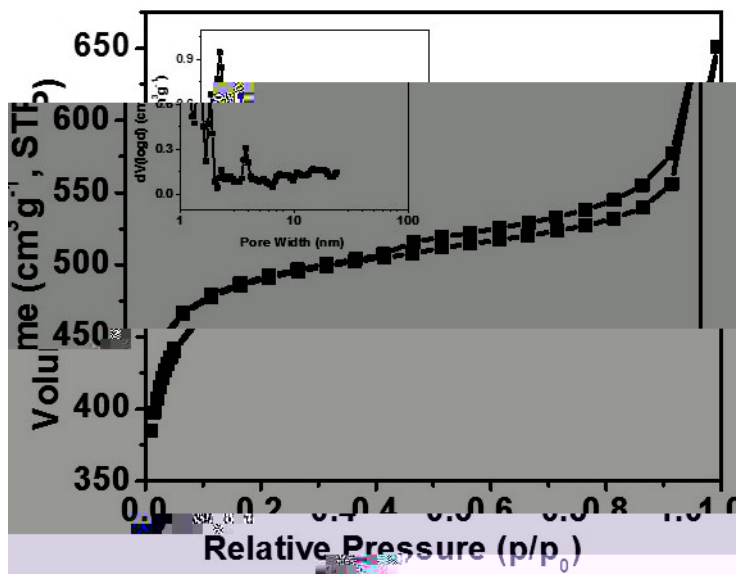


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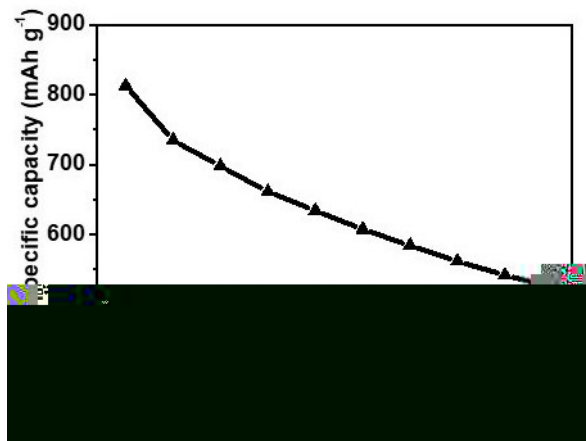
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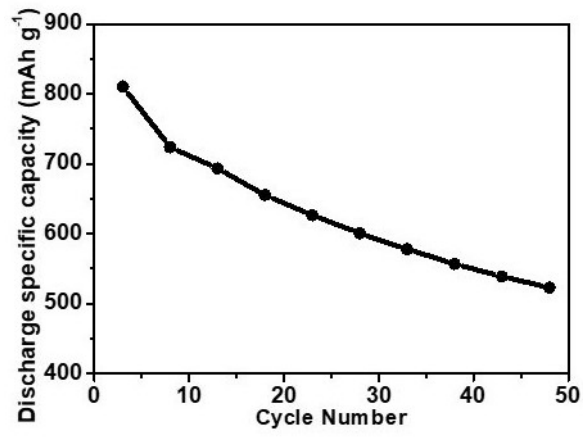
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