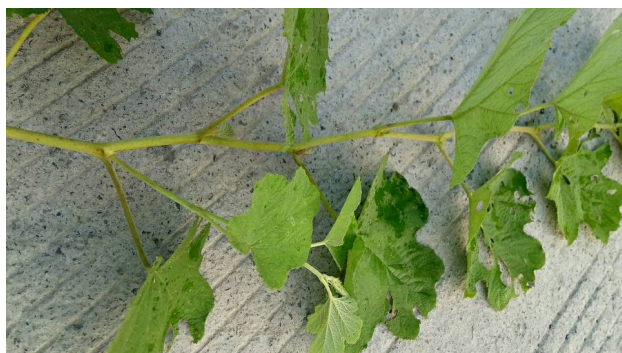


**Facile synthesis of high-surface-area nanoporous carbon from biomass resource  
and their application in supercapacitors**

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**Fig. S1** The introduction of Root Of Multibract Raspberry.



Title: Root Of Multibract Raspberry

Latin plant animal Mineral name: Rubus Multibracteatus Lévl.Et Vant.

The original form of Root Of Multibract Raspberry shrubs, 2-3m high. Flowering from April to June, fruit period from August to September.

Habitat distribution of the ecological environment: born at an altitude of 700-2500 m hillside and valley shade shrub or forest edge and roadside.

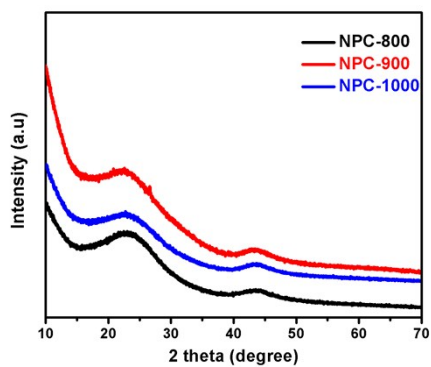
Distribution of resources: distributed in China's Guangdong, Guangxi, Yunnan, Guizhou province.

Link information: <http://www.xjishu.com/yiyao/zy/28344.html>.

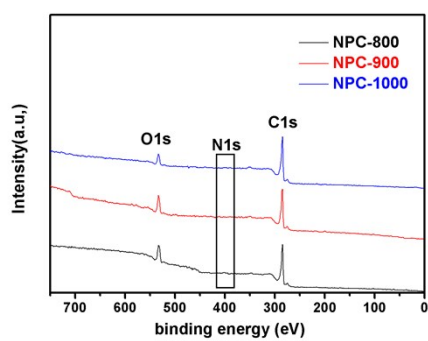
**Table S1** the various element content of Root Of Multibract Raspberry.

Element	Ray-type	Apparent concentration	k ratio	wt%	wt% Sigma	Standard sample label
C	K	20.55	0.20549	58.23	0.18	C Vit
O	K	14.77	0.04969	39.86	0.18	SiO2
Al	K	0.08	0.00061	0.16	0.02	Al2O3
Cl	K	0.21	0.00181	0.39	0.02	NaCl

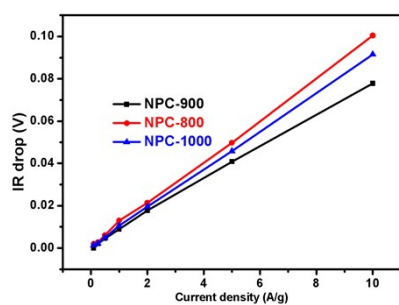
K	K	0.48	0.00410	0.87	0.03	KBr
Ca	K	0.26	0.00235	0.49	0.03	Wollastonite
Total:				100.00		



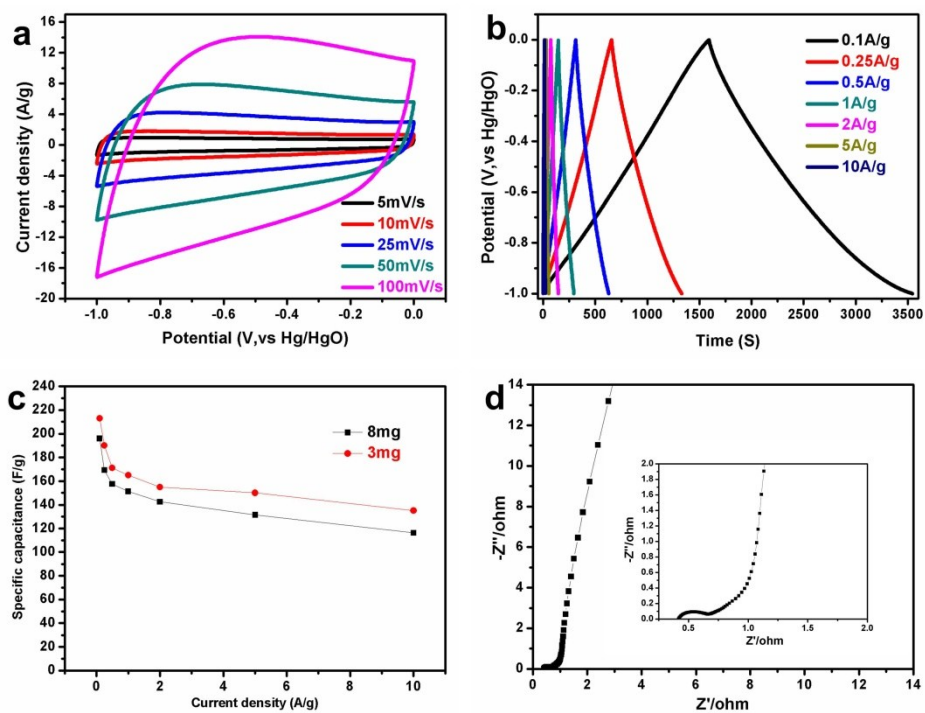
**Fig. S2.** The XRD patterns of NPC for different calcination temperatures.



**Fig. S3.** The XPS spectrum of NPC-800,900 and 1000.



**Fig. S4.** The IR drops curves of NPC800, 900 and 1000.



**Fig. S5** (a) CV curves of NPC-900 ( $8 \text{ mg cm}^{-2}$ ) at different scan rates. (b) GCD curves of NPC-900 ( $8 \text{ mg cm}^{-2}$ ) at the different current densities. (c) The specific capacity of NPC-900 ( $8,3 \text{ mg cm}^{-2}$ ) and at various current densities. (d) Nyquist plots of NPC-900 ( $8 \text{ mg cm}^{-2}$ ).