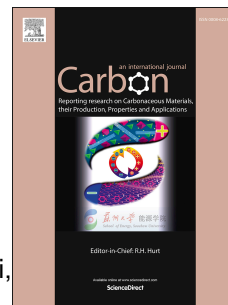


Accepted Manuscript

Mesoporous carbon hollow microspheres with red blood cell like morphology for efficient microwave absorption at elevated temperature

Hailong Xu, Xiaowei Yin, Minghang Li, Fang Ye, Meikang Han, Zexin Hou, Xinliang Li, Litong Zhang, Laifei Cheng



PII: S0008-6223(18)30164-7

DOI: [10.1016/j.carbon.2018.02.040](https://doi.org/10.1016/j.carbon.2018.02.040)

Reference: CARBON 12876

To appear in: *Carbon*

Received Date: 11 January 2018

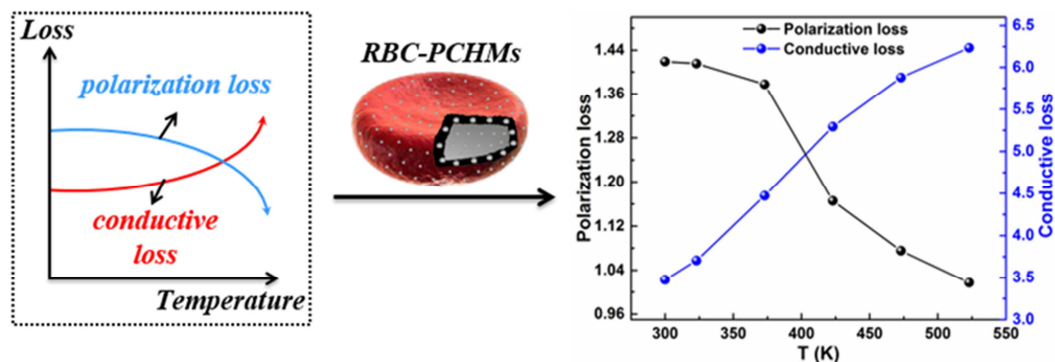
Revised Date: 6 February 2018

Accepted Date: 8 February 2018

Please cite this article as: H. Xu, X. Yin, M. Li, F. Ye, M. Han, Z. Hou, X. Li, L. Zhang, L. Cheng, Mesoporous carbon hollow microspheres with red blood cell like morphology for efficient microwave absorption at elevated temperature, *Carbon* (2018), doi: 10.1016/j.carbon.2018.02.040.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Graphical Abstract



Mesoporous carbon hollow spheres with red blood cell like morphology, which possesses enhanced interfacial polarization along with low crystallization degree and well impedance match at elevated temperature, exhibit excellent microwave absorption performance with a minimum reflection loss (RL) value of -59.7 dB and effective absorption bandwidth more than 3 GHz from 300 to 523 K.

Download English Version:

<https://daneshyari.com/en/article/7848356>

Download Persian Version:

<https://daneshyari.com/article/7848356>

[Daneshyari.com](https://daneshyari.com)