

Accepted Manuscript

Full Length Article

Anchoring effects of S-terminated Ti₂C MXene for lithium-sulfur batteries: A First-Principles Study

Xiaobiao Liu, Xiaofei Shao, Feng Li, Mingwen Zhao

PII: S0169-4332(18)31527-7
DOI: <https://doi.org/10.1016/j.apsusc.2018.05.200>
Reference: APSUSC 39476

To appear in: *Applied Surface Science*

Received Date: 29 January 2018
Revised Date: 15 May 2018
Accepted Date: 26 May 2018

Please cite this article as: X. Liu, X. Shao, F. Li, M. Zhao, Anchoring effects of S-terminated Ti₂C MXene for lithium-sulfur batteries: A First-Principles Study, *Applied Surface Science* (2018), doi: <https://doi.org/10.1016/j.apsusc.2018.05.200>

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.



Anchoring effects of S-terminated Ti_2C MXene for lithium-sulfur
batteries: A First-Principles Study

Xiaobiao Liu¹, Xiaofei Shao¹, Feng Li^{1,2}, Mingwen Zhao^{1}*

¹ School of Physics and State Key Laboratory of Crystal Materials, Shandong

University, Jinan, Shandong, 250100, China

² School of Physics and Technology, University of Jinan, Jinan, Shandong, 250022,

China

Corresponding Author

* E-mail: zmw@sdu.edu.cn (Mingwen Zhao)

Download English Version:

<https://daneshyari.com/en/article/7833217>

Download Persian Version:

<https://daneshyari.com/article/7833217>

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