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#### ACCEPTED MANUSCRIPT

# Crossed carbon skeleton enhances the electrochemical performance of porous silicon nanowires for lithium ion battery anode

Fangfang Zhang<sup>[a,b]</sup>, Liu Wan<sup>[a]</sup>, Jiangtao Chen<sup>[a]</sup>, Xiaocheng Li<sup>[a]</sup>\*, Xingbin Yan<sup>[a]</sup>

<sup>a.</sup> Laboratory of Clean Energy Chemistry and Materials, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, P. R. China

b. University of Chinese Academy of Sciences, Beijing 100080, P. R. China

Corresponding author: Prof. Xiaocheng Li

Tel.: +86-931-4968040

Fax: +86-931-4968040

E-mail: xiaocheng@licp.cas.cn; lixch2001@126.com

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