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Electronic Supplementary Information

Facial synthesis of nanostructured Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>/

PEDOT:PSS composite as anode material for lithium-ion

batteries

Yan Liu, ab Daoping Tang, a Haoxiang Zhong, a Qianyu Zhang, a Jianwen Yang and

Lingzhi Zhang\*a

<sup>a</sup> Key Laboratory of Renewable Energy, Guangdong Key Laboratory of New and

Renewable Energy Research and Development, Guangzhou Institute of Energy

Conversion, Chinese Academy of Sciences, No.2 NengyuanRd., Guangzhou 510640,

China.

<sup>b</sup> University of Chinese Academy of Sciences, 19(A) Yu Quan Road, Beijing, 100049,

China.

<sup>c</sup> College of Chemistry and Bioengineering, Guilin University of Technology, 12

Jiangan Road, Guilin, Guangxi, 541004, China.

Corresponding author:

Tel.: +86-20-37246025; Fax: +86-20-37246026.

E-mail address: lzzhang@ms.giec.ac.cn(L.Z. Zhang)

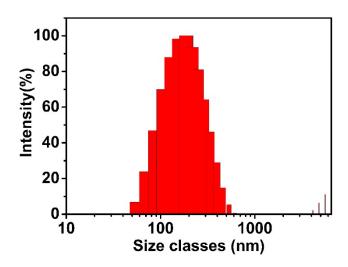
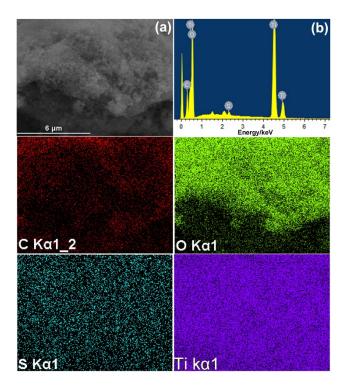


Fig. S1 Particle size distribution of LTO/PP.



**Fig. S2** EDS elemental mapping (C, O, S and Ti) for the selected area (a) of LTO/PP; (b) EDS spectrum of the surface of LTO/PP.