

Sulfur/polyacrylonitrile/carbon multi-composites as cathode materials for lithium/sulfur battery in the concentrated electrolyte

Y. Z. Zhang, S. Liu, G. C. Li, G. R. Li, X. P. Gao

Institute of New Energy Material Chemistry, Nankai University, Tianjin, China

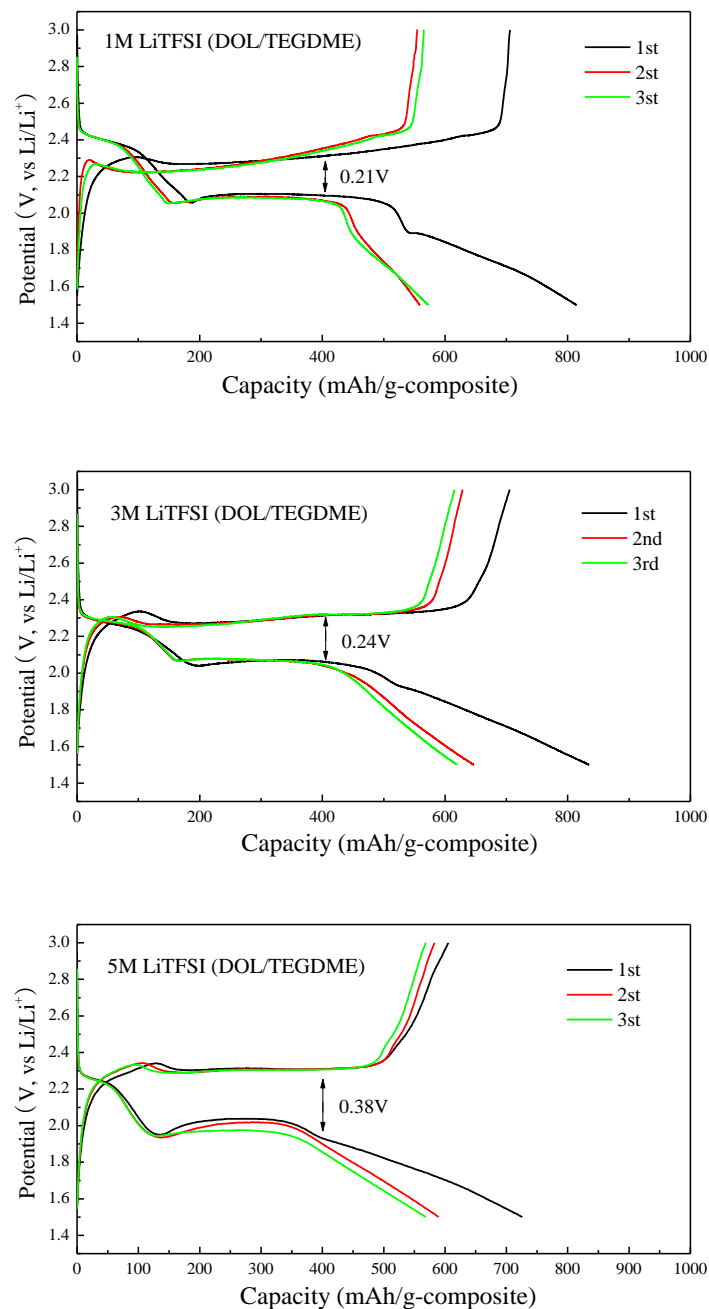


Fig. S1. The initial charge–discharge curves of the composite with 51 wt % S at 100 mA g⁻¹ in the electrolyte with 1 M LiTFSI, 3 M LiTFSI, and 5 M LiTFSI in DOL/TEGDME.

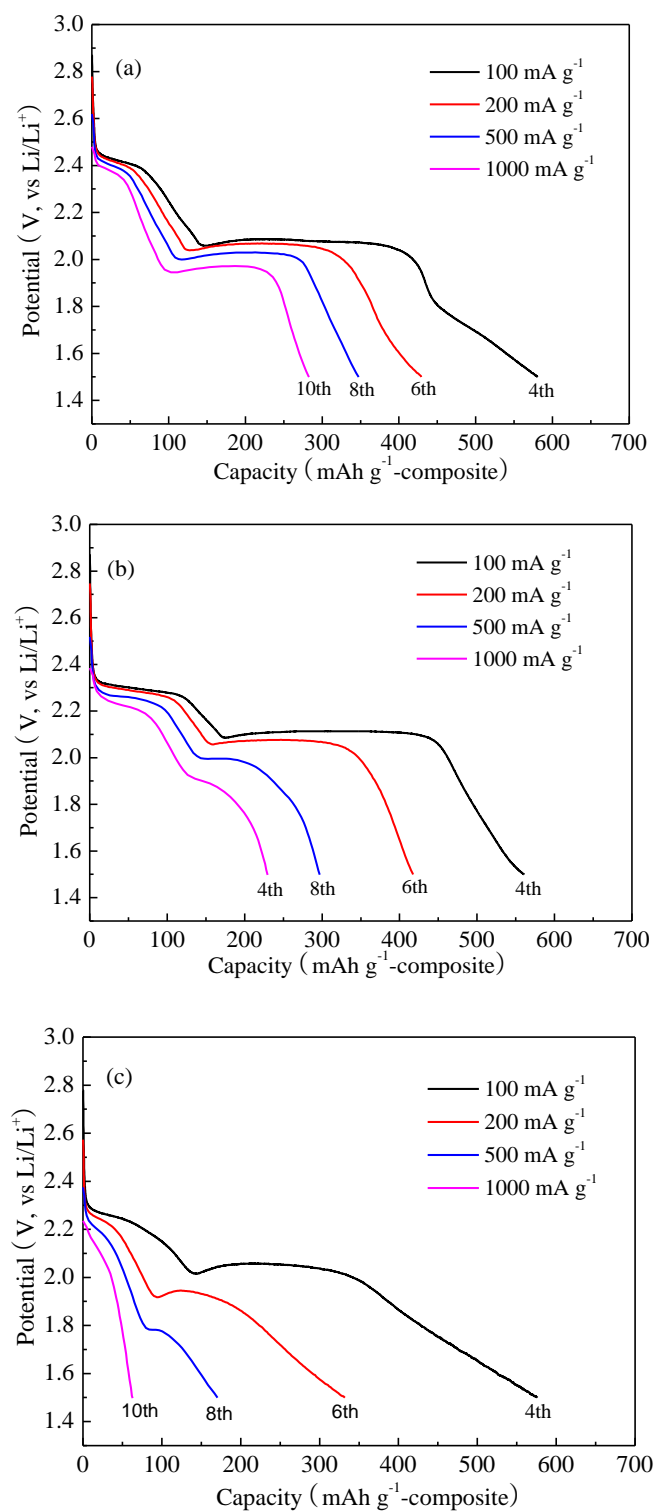


Fig. S2. The discharge curves of the composite with 51 wt % S at the different current densities in the electrolyte with 1 M LiTFSI (a), 3 M LiTFSI (b), and 5 M LiTFSI (c) in DOL/TEGDME.