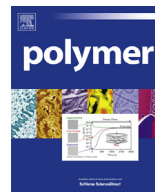




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**Polymer Vol 68, 26 June 2015**

## Graphical abstracts

### EDITORIAL

**Polymers for energy storage**  
Ulrich S. Schubert

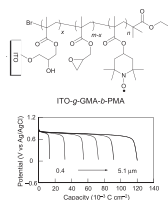
pp. 308–309

### SPECIAL ISSUE: POLYMERS FOR ENERGY STORAGE, GUEST EDITED BY U. SCHUBERT

**Facile grafting-onto-preparation of block copolymers of TEMPO and glycidyl methacrylates on an oxide substrate as an electrode-active layer**

pp. 310–314

Katsuyuki Takahashi, Konstantine Korolev, Kazumasa Tsuji, Kenichi Oyaizu, Hiroyuki Nishide\*, Evgeny Bryuzgin, Alexander Navrotsky\*\* and Ivan Novakov



**Poly(ionic liquid)s for enhanced activation of cotton to generate simple and cheap fibrous electrodes for energy applications**

pp. 315–320

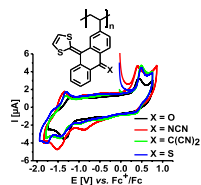
Martina Ambrogio, Ken Sakaushi, Markus Antonietti and Jiayin Yuan\*



### Synthesis and characterization of new redox-active polymers based on 10-(1,3-dithiol-2-ylidene)anthracen-9(10H)-one derivatives

pp. 321–327

Daniel Schmidt, Bernhard Häupler, Christian Friebe, Martin D. Hager and Ulrich S. Schubert\*

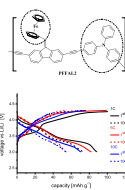


New redox-active polymers consisting of 10-(1,3-dithiol-2-ylidene)anthracen-9(10H)-one derivatives were synthesized and their electrochemical properties were examined by cyclic voltammetry. The monomers as well as the polymers showed stable redox potentials and are potential candidates for organic electronics applications like organic radical batteries.

### Synthesis, characterization and charge–discharge studies of ferrocene-containing poly(fluorenylethynylene) derivatives as organic cathode materials

pp. 328–334

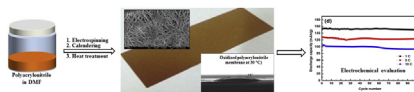
Jing Xiang, René Burges, Bernhard Häupler, Andreas Wild, Ulrich S. Schubert\*, Cheuk-Lam Ho\*\* and Wai-Yeung Wong\*\*



### Partially oxidized polyacrylonitrile nanofibrous membrane as a thermally stable separator for lithium ion batteries

pp. 335–343

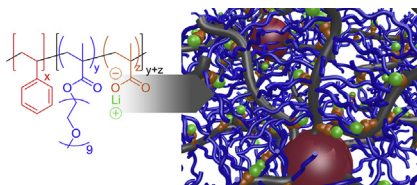
Jong Hwa Lee, James Manuel, Hyunji Choi, Won Ho Park\*\* and Jou-Hyeon Ahn\*



### Single-ion diblock copolymers for solid-state polymer electrolytes

pp. 344–352

Julien Rolland, Elio Poggi, Alexandru Vlad and Jean-François Gohy\*



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