

POLYMAT 2008

Posters
Yuko Ando , Kenichi Oyaizu, Hiroyuki Nishide <i>"High Density Charge Storage by Polynorbornene Gel Populated with TEMPO Substituents"</i>
C. Gerbaldi, J.R. Nair, R. Bongiovanni , G. Meligrana, S. Bodoardo, and N. Penazzi <i>"UV-Cured Acrylic Copolymers as Solid Electrolytes For Li-Ion Batteries"</i>
Leah S. Coumont , Shaune L. McFarlane, Davin G. Piercey, Jonathan G. C. Veinot <i>"Synthesis and Evaluation of Novel Spiroanthene Functionalized Fluorene-based Materials for Polymer Light Emitting Diode Applications"</i>
Mark Dante <i>"Nanoscale Charge Transport and Internal Structure of Bulk Heterojunction Conjugated Polymer/Fullerene Solar Cells Investigated by Scanning Probe Microscopy"</i>
Yongzhu Fu and John B. Kerr <i>"New Polyelectrolyte Materials for High Temperature PEMFC"</i>
Joko Sutrisno, Alan Fuchs , Yanming Liu, Barkan Kavlicoglu, Anasuya Adibhatla, Cahit Evrensel, and Faramarz Gordaninejad <i>"Composite Nanostructured Proton Exchange Membrane (PEM)"</i>
Ankit Gohil and Dr.Sen <i>"Chair for Surface Science and Corrosion"</i>
Xu Han , Xiwen Chen, and Steven Holdcroft <i>"The Study of Thermally-Reactive Polyfluorenes with Enhanced Oxidative Stability"</i>
Takashi Houkawaka , Taichi Sawaguchi, Kiyotaka Hashimoto, Kaoru Mitsui <i>"A New Polymer Materials for Blue Laser Application"</i>
Corey V. Hoven , Andres Garcia, Alan J. Heeger, Guillermo C. Bazan, and Thuc-Quyen Nguyen <i>"CPE ETLs and Their Role in Improved Charge Injection in PLEDs"</i>
Fei Huang , Yong Zhang, Yuhua Niu, Michelle S. Liu, and Alex K.-Y. Jen <i>"Alcohol-soluble Neutral Conjugated Polymers as Highly Efficient Electron-Injecting Materials for Polymer Light-Emitting Diodes"</i>
Tsuyoshi Hyakutake , Junji Kato, Junji Inukai, Kenji Miyatake, Masahiro Watanabe, Hiroyuki Nishide <i>"Optical Oxygen Sensory Polymer for Visualization of Oxygen Distribution in Polymer Electrolyte Fuel Cells"</i>
Fumiaki Kato , Junji Kido, Hiroyuki Nishide <i>"Hole-Transporting Property and Magnetoresistance Effect of Nitroxide Radical Molecules"</i>
Zuleikha Kurji , Neal Scruggs, and Julia Kornfield <i>"Characterizing the Effect of Spacer Length on Side-Group Liquid Crystal Polymers"</i>
Istumi Maeda , Tsuyoshi Hyakutake, Hiroyuki Nishide <i>"Optical Carbon Dioxide Sensor: Improved Sensitivity with Ammonium Hydroxide Polymers"</i>
Shaune L. McFarlane , Leah S. Coumont, Davin G. Piercey, and Jonathan G.C. Veinot <i>"Title unknown"</i>
Hiroshi Mizuseki , Rodion V. Belosludov, and Yoshiyuki Kawazoe <i>"First Principles Calculations on Fullerene-Based Supramolecular Complex for Photovoltaic Devices"</i>
N. S. Venkataramanan, H. Mizuseki , and Y. Kawazoe <i>"Hydrogen Adsorption over Lithium-functionalized Calixerenes"</i>
Hiroshi Mizuseki and Yoshiyuki Kawazoe

<p><i>"Electronic Structure of Oligothiophenes: Aromatic and Quinoid Structures"</i></p>
<p>Marvin Y. Paik, Abhinav Rastogi, Manabu Tanaka, and Christopher K. Ober <i>"Direct Patterning of Polymer Brushes using Electron Beam Lithography"</i></p>
<p>Matthew R. Sirtonski, Shaune L. McFarlane, Leah S. Coumont, Davin G. Piercey, and Jonathan G. C. Veinot <i>"Polymer Blends as a Method of Improving the Optoelectronic Properties of PFO"</i></p>
<p>Takeo Suga, Brian D. Mather, Hiroyuki Nishide, and Timothy E. Long <i>"Nitroxide-Containing Block Copolymers: Synthesis and Morphological Investigations"</i></p>
<p>Manabu Tanaka, Abhinav Rastogi, Christopher K. Ober, Gregory N. Toepperwein, Robert A. Riggelman, and Juan J. de Pablo <i>"Environmentally Benign Development of Polymer Photoresists Using Supercritical Carbon Dioxide"</i></p>
<p>Hiroaki Umeda, Takeshi Ibe, Hiroyuki Nishide <i>"Toward High-Spin p-Doped Arylthiophene Polymer: Ferromagnetic Spin-Coupling through Triphenylene"</i></p>
<p>Yan Xia, Rafael Verduzco, Robert H. Grubbs, and Julia A. Kornfield <i>"Well-Defined Liquid Crystal Gels from Telechelic Polymers"</i></p>