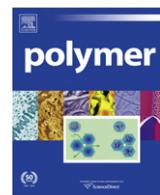




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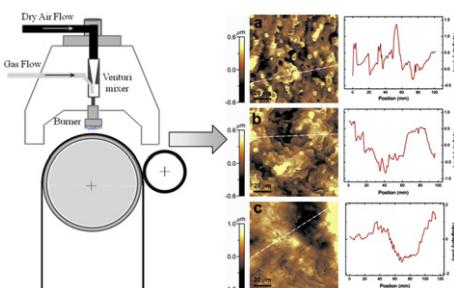
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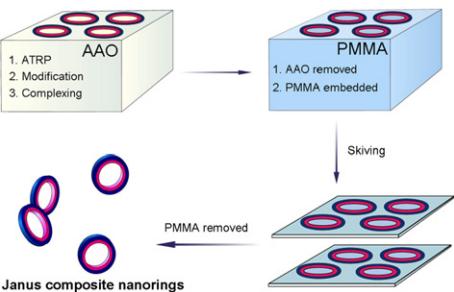
^cesseCI srl Company, Via Flaminia Ternana n. 386 – 05035 Narni, Italy

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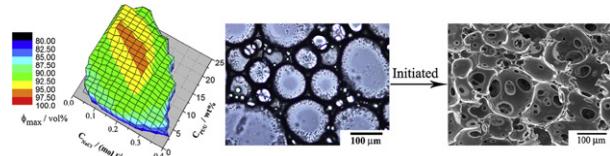
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Shanghai Key Laboratory of Advanced Polymeric Materials, Key Laboratory for Ultrafine Materials of Ministry of Education, School of Materials Science and Engineering, East China University of Science and Technology, Shanghai 200237, China

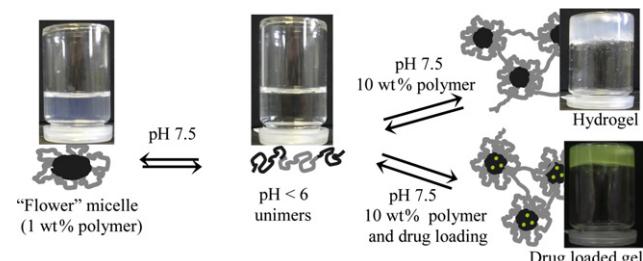

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^a Department of Chemistry, Faculty of Arts and Science, Afyon Kocatepe University, 03200 Afyonkarahisar, Turkey

^b Department of Chemistry, Faculty of Arts and Science, Eskisehir Osmangazi University, 26480 Eskisehir, Turkey


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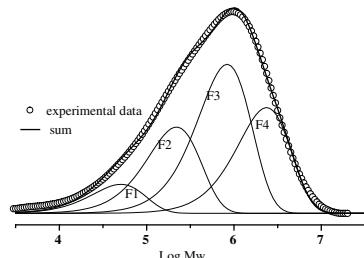
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A.T.M. Kamrul Hasan^{a,*}, Y. Fang^b, Boping Liu^b, Minoru Terano^c

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^c School of Materials Science, Japan Advanced Institute of Science and Technology, 1-1 Asahidai, Tatsunokuchi, Ishikawa 923-1292, Japan


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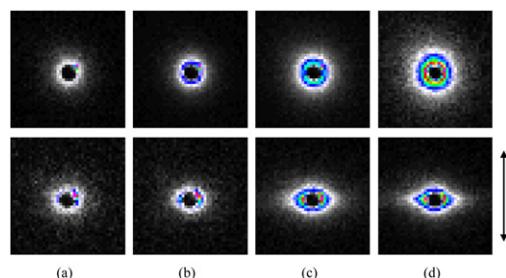
^a State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, China

^b Graduate School of the Chinese Academy of Sciences, Changchun Branch, China

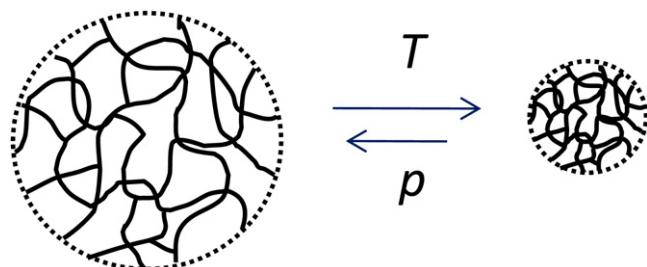


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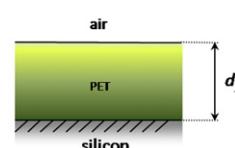
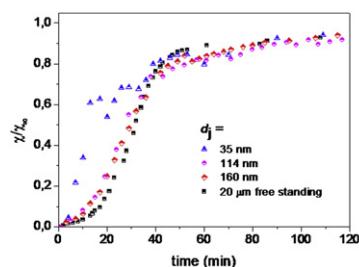
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Camila A. Rezende^{a,b}, Fabio C. Bragança^b, Telma R. Doi^{a,b}, Lay-Theng Lee^{a,*}, Fernando Galembeck^b, François Boué^a^a Laboratoire Léon Brillouin, UMR-12, CEA-Saclay, 91191 Gif-sur-Yvette Cedex, France^b Institute of Chemistry, University of Campinas, P.O. Box 6154, CEP 13083-970, Campinas-SP, Brazil**Influence of pressure on the state of poly(*N*-isopropylacrylamide) and poly(*N,N*-diethylacrylamide) derived polymers in aqueous solution as probed by FTIR-spectroscopy**

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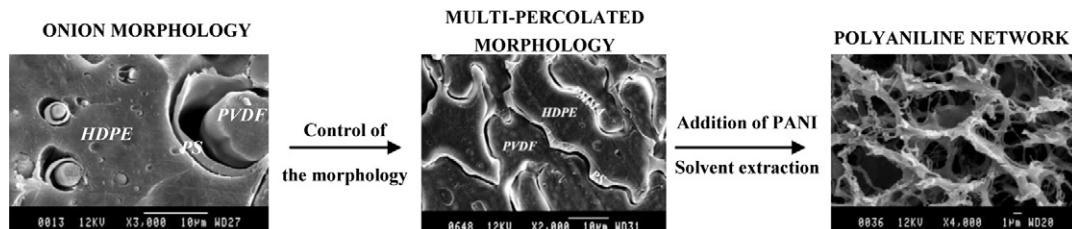
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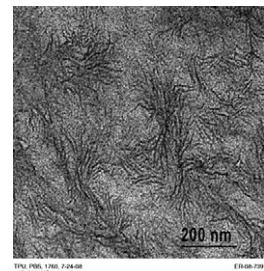
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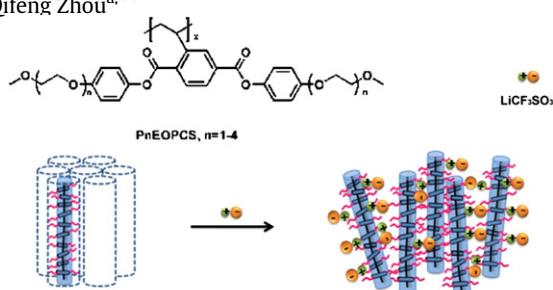
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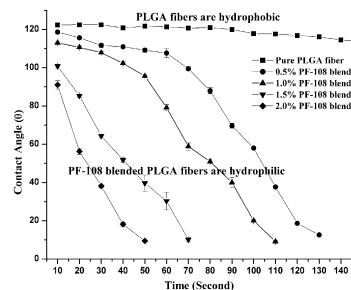
^a Beijing National Laboratory for Molecular Sciences, Key Laboratory of Polymer Chemistry and Physics of Ministry of Education, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, China

^b Department of Materials Science and Engineering, Drexel University, Philadelphia, PA 19104, USA

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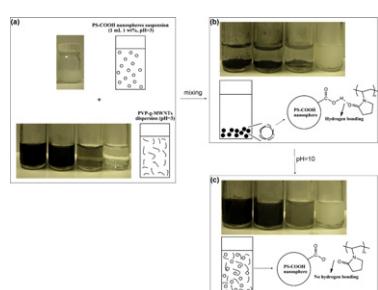
^a Department of Biological Sciences and Bioengineering, Indian Institute of Technology – Kanpur, Kanpur-208016, Uttar Pradesh, India

^b Department of Biomedical Engineering, University of Texas at San Antonio, San Antonio, TX, USA

**Facile fabrication of polystyrene/carbon nanotube composite nanospheres with core-shell structure via self-assembly****pp 3715–3721**Chao Zhang^a, Tianxi Liu^{a,*}, Xuehong Lu^b*

^a Key Laboratory of Molecular Engineering of Polymers of Ministry of Education, Department of Macromolecular Science, Laboratory of Advanced Materials, Fudan University, Shanghai 200433, PR China

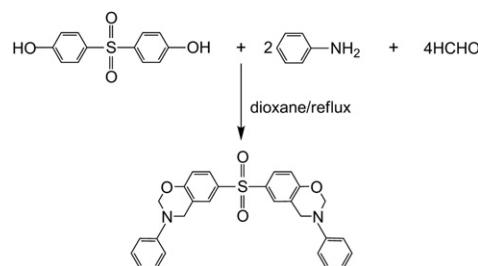
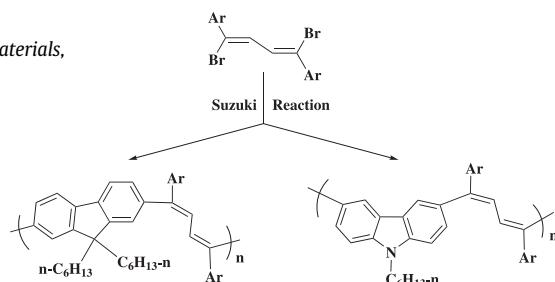
^b School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Republic of Singapore



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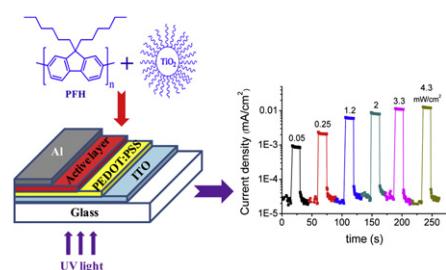
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**New linear π -conjugated polymers via Suzuki coupling of (1Z, 3Z)-1,4-dibromo-1,4-diaryl-but-1,3-diene with aromatic diborates: Synthesis and photophysical properties pp 3730–3735**Yan Liu^a, Xingguo Chen^{a,*}, Jingui Qin^a, Gui Yu^b, Yunqi Liu^{b,*}^a Department of Chemistry, Hubei Key Laboratory on Organic and Polymeric Opto-electronic Materials, Wuhan University, Wuhan 430072, China^b Beijing National Laboratory for Molecular Sciences, Key Laboratory of Organic Solids, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100080, China**High efficient UV-A photodetectors based on monodispersed ligand-capped TiO₂ nanocrystals and polyfluorene hybrids pp 3736–3743**

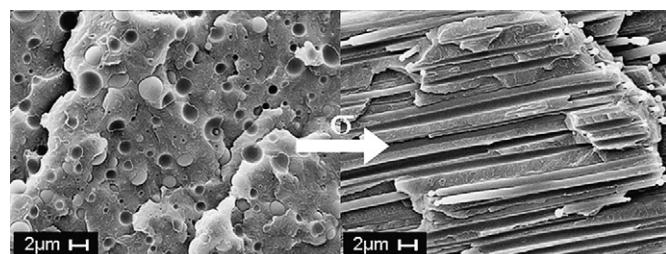
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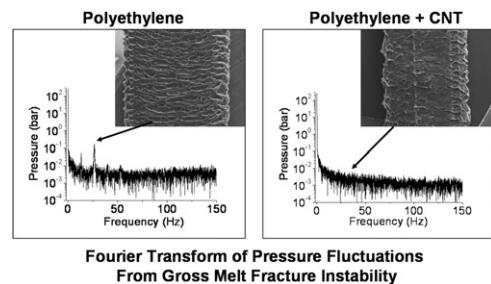
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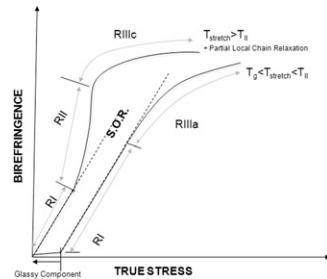
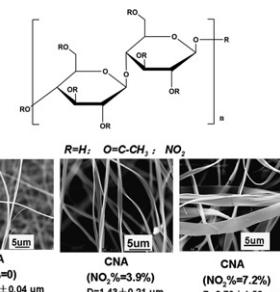
Institute of Polymer Materials, Friedrich-Alexander-University Erlangen-Nuremberg, Martensstr. 7, 91058 Erlangen, Germany



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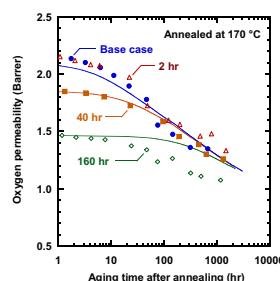
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Polymer Engineering Institute, College of Polymer Engineering and Polymer Science, University of Akron, Akron, OH 44325, United States

**Preparation and characterization of cellulose nitrate-acetate mixed ester fibers****pp 3774–3783**Lili Li^{a,b}, Margaret Frey^{a,*}^a Department of Fiber Science & Apparel Design, Cornell University, Ithaca, NY 14853, United States^b College of Materials Science and Engineering, Jilin University, Changchun 130022, China**Influence of previous history on physical aging in thin glassy polymer films as gas separation membranes****pp 3784–3792**

Brandon W. Rowe, Benny D. Freeman, D.R. Paul*

Department of Chemical Engineering, Texas Materials Institute and Center for Energy and Environmental Resources, The University of Texas at Austin, Austin, TX 78712, United States



Macroporous polymeric sorbents with high selectivity for separation of phenols

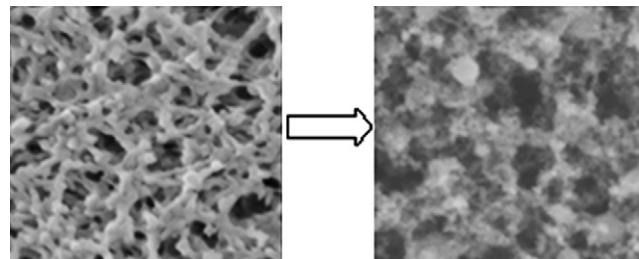
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Wulin Qiu^a, Kuang Zhang^a, Junqiang Liu^a, William J. Koros^{a,*}, Qunhui Sun^{b1}, Yulin Deng^b^a School of Chemical and Biomolecular Engineering, Georgia Institute of Technology, 778 Atlantic Drive, Atlanta, GA 30332-0100, USA^b School of Chemical and Biomolecular Engineering and IPST at GT Georgia Institute of Technology, Atlanta, GA 30332-0620, USA**Starch-derived carbon aerogels with high-performance for sorption of cationic dyes**

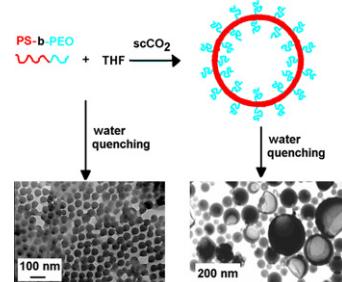
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Xinhong Chang, Dairong Chen*, Xiuling Jiao

Key Laboratory of Special Functional Aggregated Materials, Ministry of Education, School of Chemistry and Chemical Engineering, Shandong University, Jinan 250100, PR China

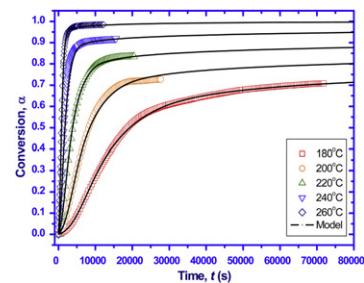
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