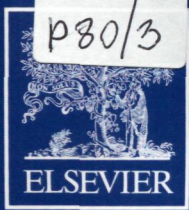
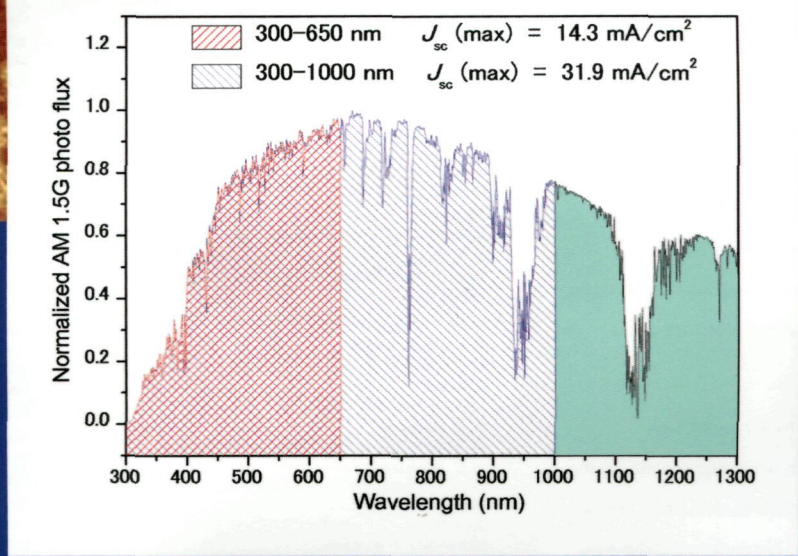
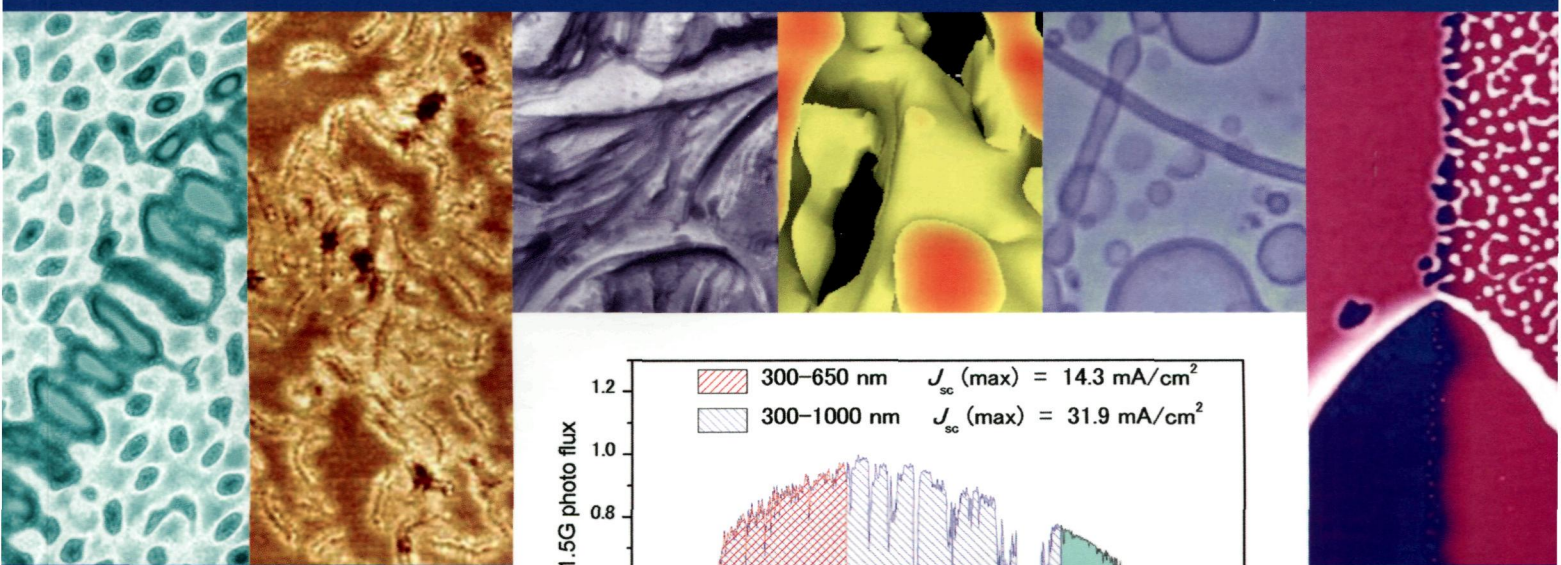
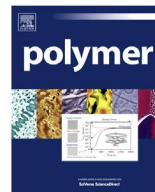


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Low band gap polymers for photovoltaic device with photocurrent response wavelengths over 1000 nm

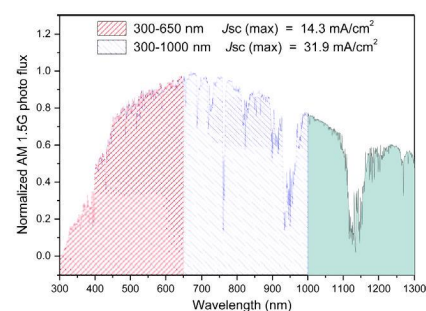
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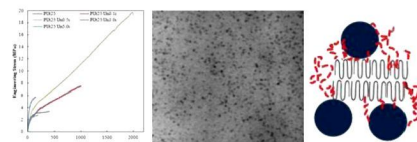
Extraordinarily high plastic deformation in polyurethane/silica nanoparticle nanocomposites with low filler concentrations

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Matthew A. Hood^a, Christopher S. Gold^b, Frederick L. Beyer^b, James M. Sands^b, Christopher Y. Li^{a,*}

^aDepartment of Materials Science and Engineering, Drexel University, Philadelphia, PA 19104, United States

^bArmy Research Laboratory, Aberdeen Proving Ground, MD 21005, United States



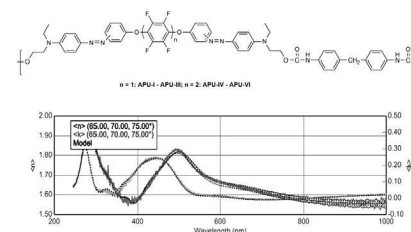
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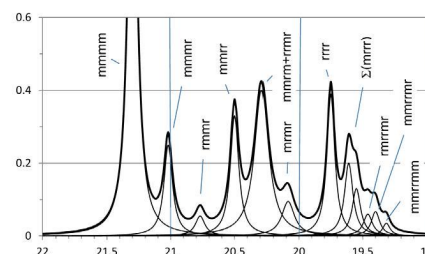
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^d Rutgers, The State University of New Jersey, Department of Chemistry and Chemical Biology, 610 Taylor Rd., Piscataway, NJ 08854, USA



Argon plasma treatment-induced grafting of acrylic acid onto expanded poly(tetrafluoroethylene) membranes

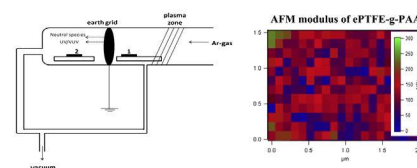
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Norsyahidah Mohd Hidzir^a, David J.T. Hill^a, Elena Taran^b, Darren Martin^c, Lisbeth Grøndahl^{a,*}

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^c Australian Institute for Bioengineering and Nanotechnology, University of Queensland, Brisbane, QLD 4072, Australia



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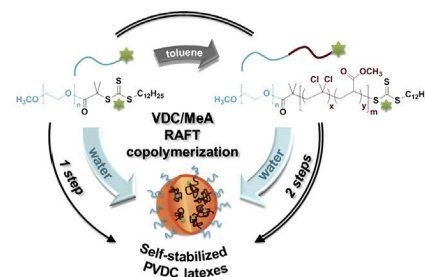
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^d SOLVAY, High Barrier Polymers, Rue de Ransbeek 310, B-1120 Brussels, Belgium



Moisture induced plasticity of amorphous cellulose films from ionic liquid

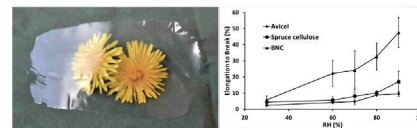
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^c Wallenberg Wood Science Center, Göteborg, Sweden

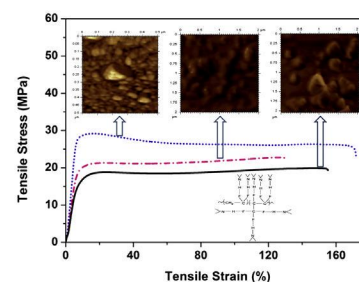


Novel nanostructured polyamide 6/fluoroelastomer thermoplastic elastomeric blends: Influence of interaction and morphology on physical properties

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Shib Shankar Banerjee, Anil K. Bhowmick*

Department of Materials Science and Engineering, Indian Institute of Technology, Patna 800013, India

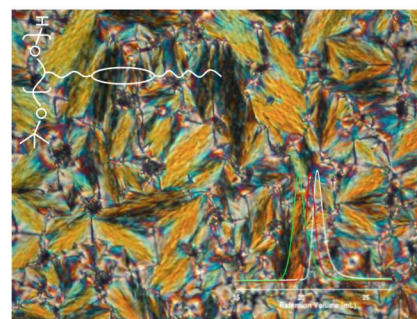


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Yu Liu, Wei Wei, Huiming Xiong*

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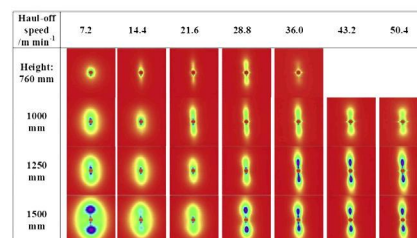
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^f The Polymer Centre, Department of Chemistry, University of Sheffield, Sheffield S3 7HF, UK



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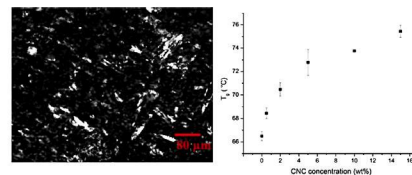
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J. Carson Meredith^{a,d,*}

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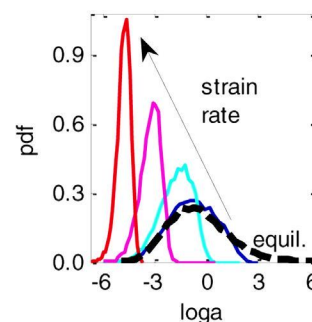


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Grigori A. Medvedev, Jae Woo Kim, James M. Caruthers*

School of Chemical Engineering, Purdue University, USA



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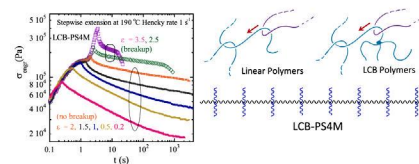
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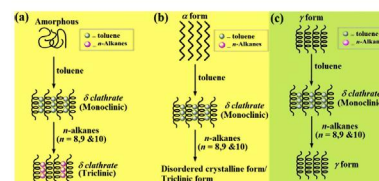


Influence of host preparation method on the structural phase transitions of syndiotactic polystyrene upon the guest exchange with *n*-alkanes

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Robbinson C. Jose, P. Shaiju, Baku Nagendra, E. Bhoje Gowd*

Materials Science and Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum, Kerala 695 019, India



Coupling between crystallization and evaporation dynamics: Periodically nonlinear growth into concentric ringed spherulites

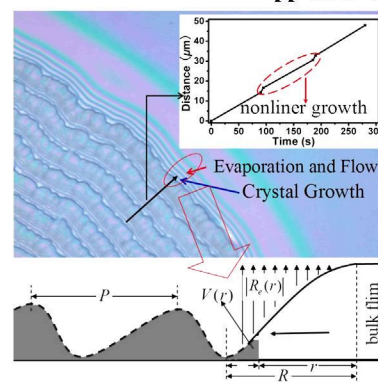
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^b School of Chemistry and Chemical Engineering, Anqing Normal University, Anqing 246011, China

^c Faculty of Materials Science and Chemical Engineering, Ningbo University, Ningbo 315211, China

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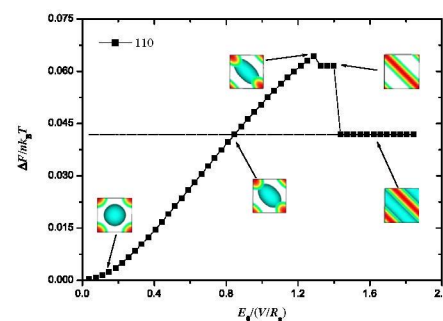
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Shiben Li^a, Ying Jiang^a, Yongyun Ji^a, Xianghong Wang^{b,*}

^a Department of Physics, Wenzhou University, Wenzhou, Zhejiang 325035, China

^b Department of Physics, Wenzhou Vocational and Technical College, Wenzhou, Zhejiang 325035, China

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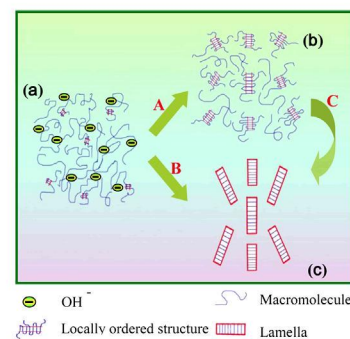
Molecular ordering and α' -form formation of poly(L-lactide) during the hydrolytic degradation

Hai-ming Chen, Ying Shen, Jing-hui Yang, Ting Huang, Nan Zhang, Yong Wang^{*}, Zuo-wan Zhou

Key Laboratory of Advanced Technologies of Materials (Ministry of Education),

School of Materials Science & Engineering, Southwest Jiaotong University, Chengdu 610031, China

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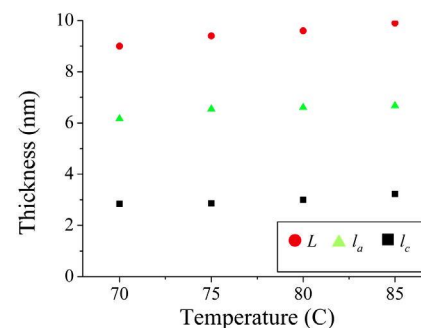


Crystallization and microstructure of poly(butylene oxalate)

Pei-Chun Kuo, Chieh-Tsung Lo^{*}, Chuh-Yung Chen

Department of Chemical Engineering, National Cheng Kung University, No. 1, University Road, Tainan City 701, Taiwan

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