

Polymer Vol. 50, No. 14, 3 July 2009

Contents

FEATURE ARTICLE

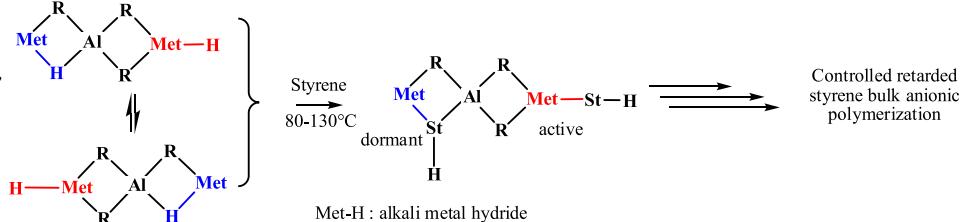
Retarded anionic polymerization (RAP) of styrene and dienes

pp 3057–3067

Stéphane Carlotti^a, Philippe Desbois^b, Volker Warzelhan^b, Alain Deffieux^{a,*}

^a CNRS, Université Bordeaux, Laboratoire de Chimie des Polymères Organiques, ENSCPB, 16 av. Pey Berland, 33607 Pessac-Cedex, France

^b BASF AG, Polymer Laboratory, D-67056 Ludwigshafen, Germany



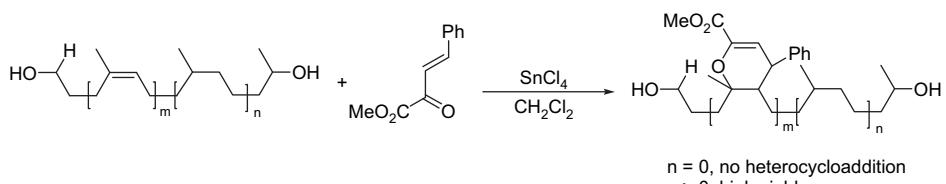
POLYMER COMMUNICATIONS

First [4 + 2] inverse electro-demand heterocycloaddition on oligoisoprenes

pp 3068–3071

Lucile Boulay, Frédéric Gohier, Ludovic Leray, Irène Campistron, Gilles Dujardin, Albert Laguerre, Jean-François Pilard*

Unité de Chimie Organique Moléculaire et Macromoléculaire, UCO2M, UMR CNRS 6011, Faculté des Sciences et Techniques, Université du Maine, Avenue Olivier Messiaen, F-72085 Le Mans Cedex 9, France

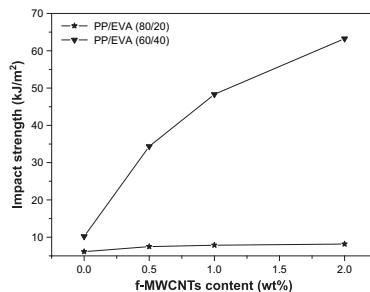


Improved fracture toughness of immiscible polypropylene/ethylene-co-vinyl acetate blends with multiwalled carbon nanotubes

pp 3072–3078

Li Liu, Yong Wang*, Yanli Li, Jun Wu, Zuowan Zhou, Chongxi Jiang

Key Laboratory of Advanced Technologies of Materials (Ministry of Education), School of Materials Science and Engineering, Southwest Jiaotong University, Erhuan Road, North I, No. 111, Chengdu, Sichuan 610031, China



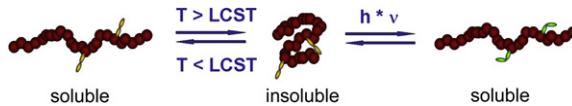
POLYMER PAPERS

Temperature and light sensitive copolymers containing azobenzene moieties prepared via a polymer analogous reaction

pp 3079–3085

Florian Jochum, Patrick Theato*

Institute of Organic Chemistry, University of Mainz, Duesbergweg 10-14, D-55099 Mainz, Germany

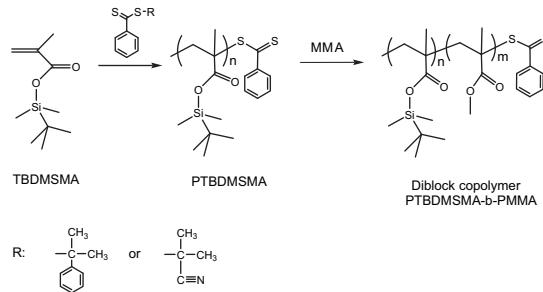


Synthesis of novel random and block copolymers of *tert*-butyldimethylsilyl methacrylate and methyl methacrylate by RAFT polymerization

pp 3086–3094

Minh Ngoc Nguyen, Christine Bressy*, André Margaillan

Laboratoire MATériaux-Polymères-Interfaces-Environnement Marin, EA 4323. Université du Sud Toulon Var, Avenue Georges Pompidou 83162 La Valette du Var, France



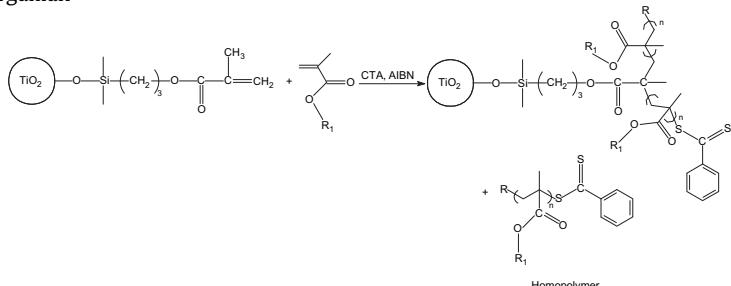
Synthesis of hybrid TiO₂ nanoparticles with well-defined poly(methyl methacrylate) and poly(*tert*-butyldimethylsilyl methacrylate) via the RAFT process

pp 3095–3102

Van Giang Ngo^a, Christine Bressy^{a,*}, Christine Leroux^b, André Margaillan^a

^a Laboratoire MATériaux-Polymères-Interfaces-Environnement Marin (EA 4323 MAPIEM), Avenue Georges Pompidou, BP 56, 83162 La Valette du Var, France

^b IM2NP, UMR 6242 CNRS – Universités d'Aix-Marseille Paul Cézanne, Provence et Sud Toulon Var, BP 20132, 83957 La Garde Cedex, France



Tailored surface properties of semi-fluorinated block copolymers by electrospinning

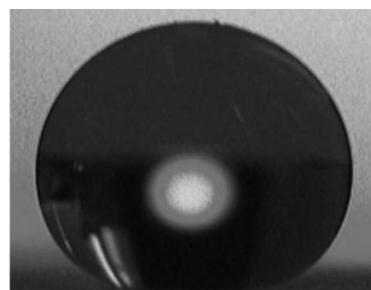
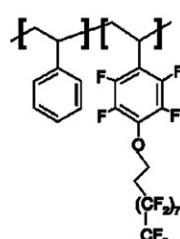
pp 3103–3110

Lauri Valtola^a, Anu Koponen^a, Mikko Karesoja^a, Sami Hietala^{a,*},
Antti Laukkanen^b, Heikki Tenhu^a, Peter Denifl^c

^a Laboratory of Polymer Chemistry, Department of Chemistry,
University of Helsinki, P.O. Box 55, FIN-00014 HU, Finland

^b University of Helsinki, Centre for Drug Research, P.O. Box 56,
FIN-00014 HU, Finland

^c Borealis Polymers, P.O. Box 330, FIN-33101 Kilpilahti, Finland

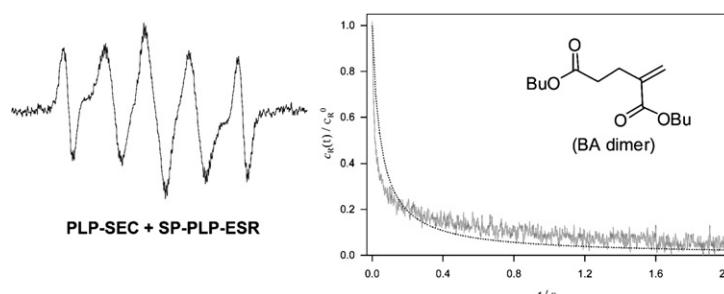
**Free-radical propagation and termination kinetics of the butyl acrylate dimer studied by pulsed laser polymerization techniques**

pp 3111–3118

Michael Buback^a, Thomas Junkers^{a,b,*}, Matthias Müller^a

^a Institut für Physikalische Chemie, Georg-August-Universität
Göttingen, Tammannstrasse 6, D-37077 Göttingen, Germany

^b Preparative Macromolecular Chemistry, Institut für Technische Chemie
und Polymerchemie, Universität Karlsruhe (TH)/Karlsruhe Institute of
Technology (KIT) Engesserstrasse 18, 76131 Karlsruhe, Germany

**Synthesis and characterization of itaconic anhydride and stearyl methacrylate copolymers**

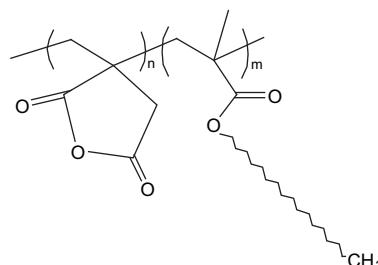
pp 3119–3127

Shurui Shang^a, Samuel J. Huang^{b,c}, R.A. Weiss^{a,b,*}

^a Department of Chemical Materials and Biomolecular Engineering, University of Connecticut,
Storrs, CT 06269-3136, USA

^b Polymer Science Program, University of Connecticut, Storrs, CT 06269-3136, USA

^c Department of Chemistry, University of Connecticut, Storrs, CT 06269-3136, USA

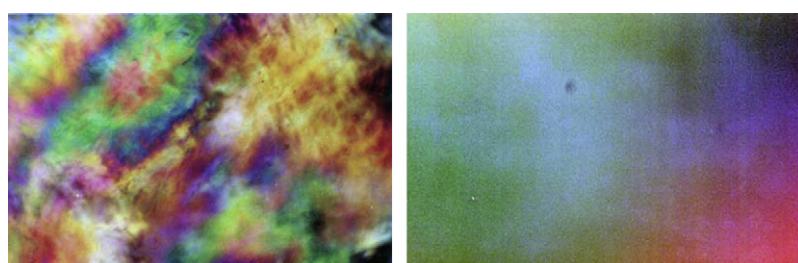
**Poly(pyridinium salt)s with organic counterions derived from an aromatic diamine containing oxyethylene unit exhibiting amphotropic liquid-crystalline and photoluminescence properties**

pp 3128–3135

Pradip K. Bhowmik^{a,*}, Haesook Han^a,
Alexi K. Nedeltchev^a, Hari D. Mandal^b,
Jose A. Jimenez-Hernandez^b, Patrick M. McGannon^b

^a Department of Chemistry, University of Nevada
at Las Vegas, 4505 Maryland Parkway,
Box 454003, Las Vegas, NV 89154, USA

^b Department of Biology and Chemistry, Texas A&M
International University, 5201 University
Boulevard, Laredo, TX 78041, USA

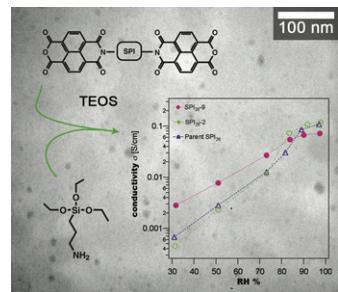


Morphology, hydration, and proton transport in novel sulfonated polyimide–silica nanocomposites

pp 3136–3144

Lijun Zou, Supacharee Roddecha, Mitchell Anthamatten*

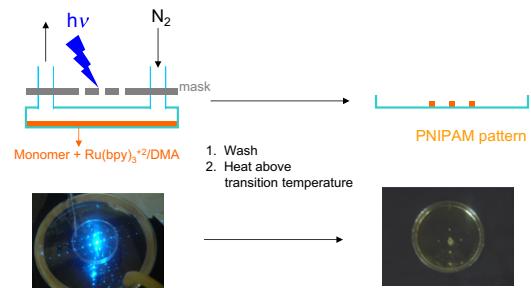
Department of Chemical Engineering, University of Rochester, 250 Gavett Hall, Rochester, NY 14627, USA

**A visible light photoinitiator system to produce acrylamide based smart hydrogels: Ru(bpy)₃⁺² as photopolymerization initiator and molecular probe of hydrogel microenvironments**

pp 3145–3152

Claudia R. Rivarola, Maria A. Biasutti, Cesar A. Barbero*

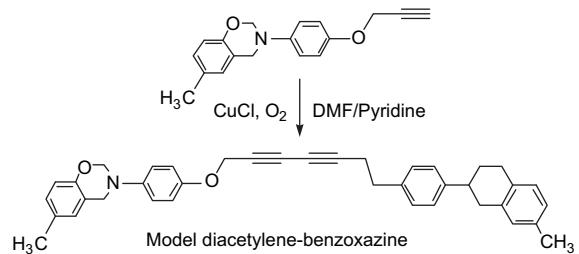
Departamento de Química, Universidad Nacional de Río Cuarto, Agencia Postal No 3, 5800 Río Cuarto, Argentina

**Novel benzoxazine monomer containing diacetylene linkage: An approach to benzoxazine thermosets with low polymerization temperature without added initiators or catalysts**

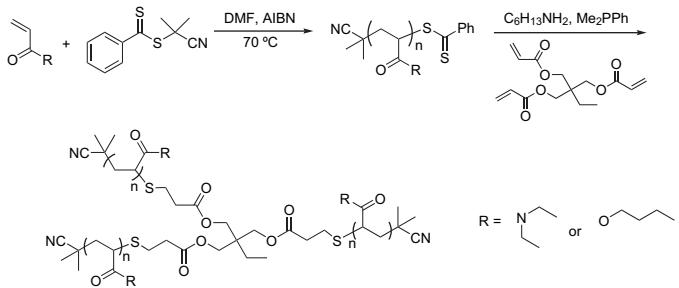
pp 3153–3157

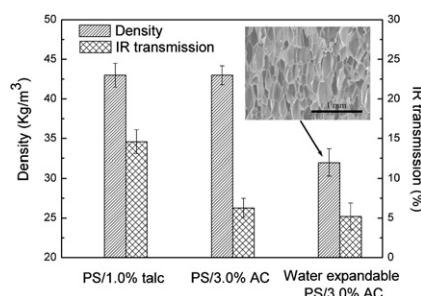
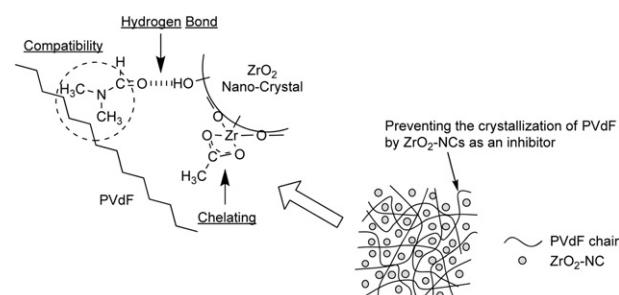
Andrey Chernykh, Tarek Agag, Hatsuo Ishida*

Department of Macromolecular Science and Engineering, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106-7202, USA

**The nucleophilic, phosphine-catalyzed thiol–ene click reaction and convergent star synthesis with RAFT-prepared homopolymers**

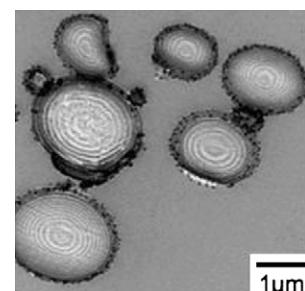
pp 3158–3168

Justin W. Chan^a, Bing Yu^b, Charles E. Hoyle^{a, b, **}, Andrew B. Lowe^{a,*}^a School of Polymers and High Performance Materials, 118 College Drive #10076, The University of Southern Mississippi, Hattiesburg, MS 39406-10076, United States^b Department of Chemistry & Biochemistry, 118 College Drive #5043, The University of Southern Mississippi, Hattiesburg, MS 39406-5043, United States

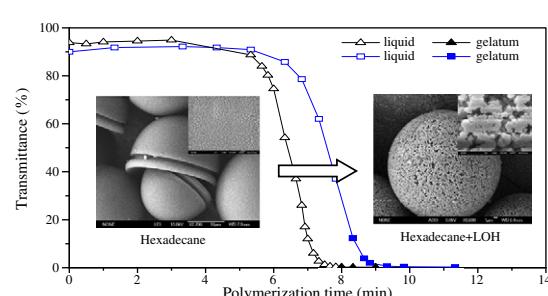
Synthesis and foaming of water expandable polystyrene-activated carbon (WEPSAC)**pp 3169–3173**Jintao Yang^a, Shu-Kai Yeh^a, Nan-Rong Chiou^b, Zhihua Guo^a, Thomas Daniel^b, L. James Lee^{a,*}^a Department of Chemical and Biomolecular Engineering, The Ohio State University, Columbus, OH 43210, USA^b Nanomaterial Innovation Ltd., Columbus, OH 43212, USA**Synthesis of transparent poly(vinylidene fluoride) (PVdF)/zirconium oxide hybrids without crystallization of PVdF chains****pp 3174–3181**Takeshi Otsuka^{a,b}, Yoshiki Chujo^{b,*}^a Sumitomo Osaka Cement Co., LTD. 585, Toyotomi-cho, Funabashi-shi, Chiba 274-8601, Japan^b Department of Polymer Chemistry, Graduate School of Engineering, Kyoto University, Katsura, Nishikyo-ku 615-8510, Japan**Preparation of onion-like multilayered particles comprising mainly poly-(iso-butyl methacrylate)-block-polystyrene by two-step AGET ATRP****pp 3182–3187**

Yukiya Kitayama, Mika Yorizane, Yasuyuki Kagawa, Hideto Minami, Per B. Zetterlund, Masayoshi Okubo*

Department of Chemical Science and Engineering, Graduate School of Engineering, Kobe University, Kobe 657-8501, Japan

**The relationship between heterogeneous structures and phase separation in synthesis of uniform PolyDVB microspheres****pp 3188–3195**Dong-Xia Hao^a, Fang-Ling Gong^a, Guo-Hua Hu^{b,c}, Jian-Du Lei^a, Guang-Hui Ma^{a,*}, Zhi-Guo Su^a^a National Key Lab of Biochemical Engineering, Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100190, China^b Laboratory of Chemical Engineering Sciences, CNRS-ENSC-INPL,

1 rue Grandville BP 20451, 54001 Nancy, France

^c Institut Universitaire De France, Maison Des Universités, 103 Boulevard Saint-Michel, 75005 Paris, France

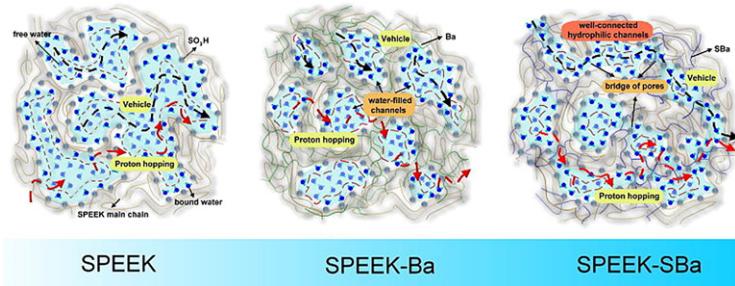
Sulfonated poly(ether ether ketone) membranes crosslinked with sulfonic acid containing benzoxazine monomer as proton exchange membranes

pp 3196–3203

Yun-Sheng Ye^a, Ying-Chieh Yen^a, Chih-Chia Cheng^a, Wen-Yi Chen^b, Li-Tuan Tsai^b, Feng-Chih Chang^{a,*}

^a Institute of Applied Chemistry, National Chiao-Tung University, Hsin-Chu, Taiwan

^b Material and Chemical Research Laboratories, Industrial Technology Research Institute, Chutung, Taiwan



Colloidal gel from amphiphilic heteroarm polyelectrolyte stars in aqueous media

pp 3204–3210

Apostolos Kyriazis^{a,b}, Thierry Aubry^c, Walther Burchard^d, Constantinos Tsitsilianis^{a,b,*}

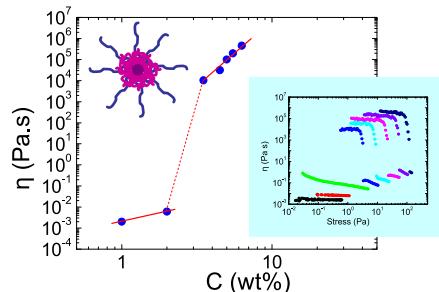
^a Department of Chemical Engineering, University of Patras, 26504 Patras, Greece

^b Institute of Chemical Engineering and High Temperature Chemical Processes,

ICE/HT-FORTH, P.O. Box 1414, 26504 Patras, Greece

^c Université Européenne de Bretagne, LIMATB Equipe Rhéologie, 6 quai

Université Européenne de Bretagne
Victor Le Gorgeu, CS 93837, 29237 Brest Cedex 3

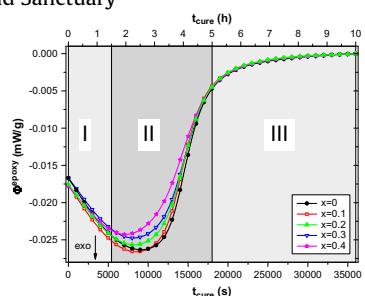


Interactions between silica nanoparticles and an epoxy resin before and during network formation

pp 3211-3219

Jörg Baller*, Nora Becker, Markus Ziehmer, Matthieu Thomassey, Bartosz Zielinski, Ulrich Müller, Roland Sanctuary

University of Luxembourg, 162a avenue de la Faïencerie, L-1511 Luxembourg, Luxembourg



The effect of temperature and humidity on the oxygen sorption in Diels–Alder polyphenylenes

pp 3220-3224

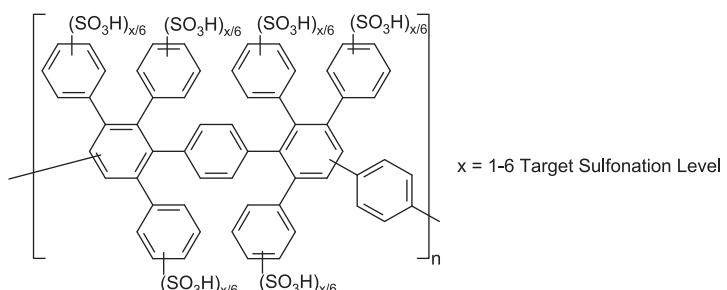
Charles W. James, Jr.^a, Chris Cornelius^b, Eva Marand^{a,*}

^a Department of Chemical Engineering

*"Department of Chemical Engineering,
Virginia Polytechnic Institute and State University"*

*Virginia Polytechnic Institute and State University,
138 Randolph Hall, Blacksburg, VA 24061-0211, USA*

b, Sandia National Laboratories, Albuquerque, NM 87285, USA



Characterizing interfacial structure of TPO/CPO/TPO adhesive joints by PFM-AFM and SEM

pp 3225–3233

Kangqing Deng^{a,b}, Mitchell A. Winnik^{a,b,*}, Ning Yan^{c,**}, Zhaohua Jiang^{a,***}, Philip V. Yanoff^d, Rose A. Ryntz^e

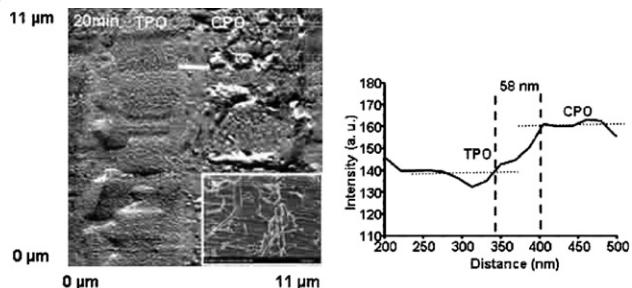
^a Department of Applied Chemistry, Harbin Institute of Technology, Harbin 150001, China

^b Department of Chemistry, University of Toronto, 80 St. George Street, Toronto, Ontario M5S 3H6, Canada

^c Faculty of Forestry, University of Toronto, 33 Willcocks Street, Toronto, Ontario M5S 3B3, Canada

^d E.I. DuPont Canada, 408 Fairall Street, Ajax, Ontario, Canada

^e Visteon Automotive Systems, Dearborn, MI 58121, USA



Impact of polymer modulus/chain mobility on water accumulation at polymer/metal oxide interfaces

pp 3234–3239

Alper Karul^a, Kar Tean Tan^b, Christopher C. White^b, Donald L. Hunston^b, Steve T. Marshall^c, Bulent Akgun^d, Sushil K. Satija^d, Christopher L. Soles^e, Bryan D. Vogt^{a,*}

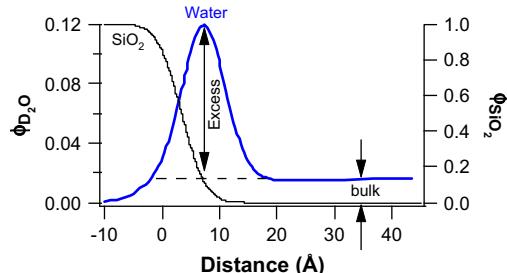
^a Department of Chemical Engineering, Arizona State University, Tempe, AZ 85284, USA

^b Building and Fire Research Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899, USA

^c Department of Chemical Engineering, University of Colorado, Boulder, CO 80309, USA

^d Center for Neutron Research, National Institute of Standards and Technology, Gaithersburg, MD 20899, USA

^e Polymers Division, National Institute of Standards and Technology, Gaithersburg, MD 20899, USA



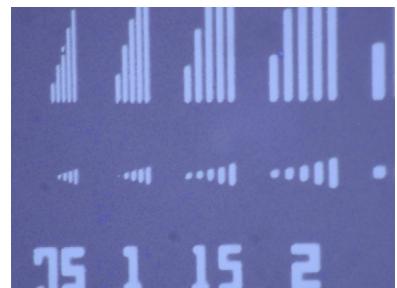
Silicon-containing polymer nanosheets for oxygen plasma resist application

pp 3240–3244

Sabiha Sultana^a, Jun Matsui^{a,b,*}, Seiki Mitani^a, Masaya Mitsuishi^a, Tokuji Miyashita^{a, **}

^a Institute of Multidisciplinary Research for Advanced Materials (IMRAM), Tohoku University, Katahira 2-1-1, Aoba-ku, Sendai 980-8577, Japan

^b Precursory Research for Embryonic Science and Technology (PRESTO), Japan Science and Technology Agency, 4-1-8, Honcho, Kawaguchi 332-001, Japan



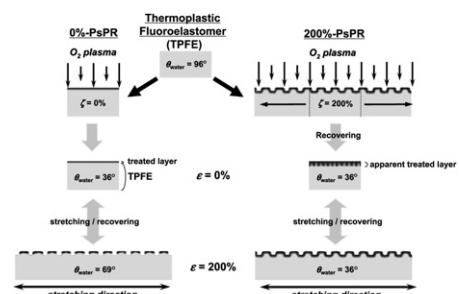
Surface properties of O₂-plasma-treated thermoplastic fluoroelastomers under mechanical stretching

pp 3245–3249

Yoshimasa Urushihara^{a,b}, Takashi Nishino^{a,*}

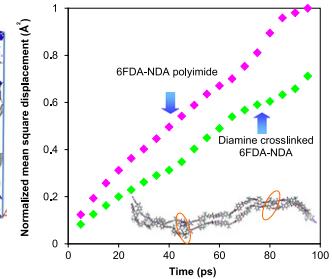
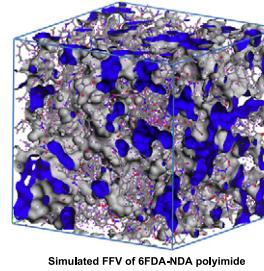
^a Department of Chemical Science and Engineering, Graduate School of Engineering, Kobe University, Rokko, Nada, Kobe 657-8501, Japan

^b Hyogo Science and Technology Association, 1-490-2 Kouto, Shingu-cho, Tatsuno, Hyogo 679-5165, Japan



Amplifying the molecular sieving capability of polyimide membranes via coupling of diamine networking and molecular architecture

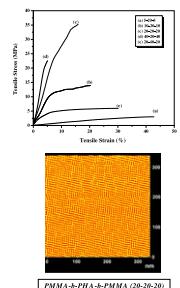
pp 3250–3258

Bee Ting Low^a, Youchang Xiao^a, Tai Shung Chung^{a, b,*}^a Department of Chemical and Biomolecular Engineering, National University of Singapore, 10 Kent Ridge Crescent, Singapore 117602, Singapore^b Singapore-MIT Alliance, National University of Singapore, 10 Kent Ridge Crescent, Singapore 117602, Singapore
Methacrylate/acrylate ABA triblock copolymers by atom transfer radical polymerization; their properties and application as a mediator for organically dispersible gold nanoparticles

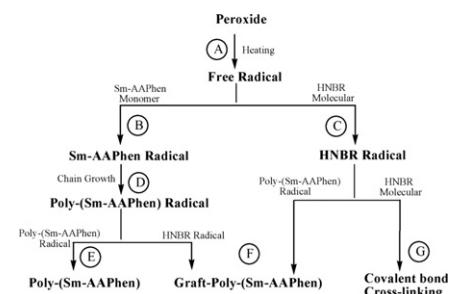
pp 3259–3268

Haimanti Datta, Anil K. Bhowmick, Nikhil K. Singha*

Rubber Technology Centre, Indian Institute of Technology, Kharagpur 721302, India


Influence of in-situ reaction on luminescent properties of samarium-complex/hydrogenated acrylonitrile-butadiene composites

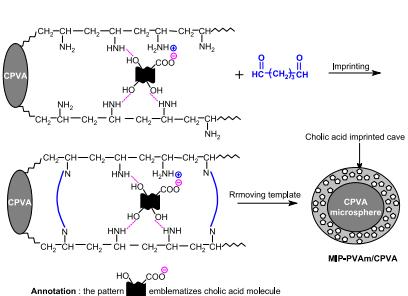
pp 3269–3274

Shipeng Wen^a, Xiaoping Zhang^a, Shui Hu^c, Liqun Zhang^{a, b,*}^a Key Laboratory of Beijing City on Preparation and Processing of Novel Polymer Materials, Beijing University of Chemical Technology, Beijing 100029, China^b Key Laboratory for Nanomaterials, Ministry of Education, Beijing University of Chemical Technology, Beijing 100029, China^c Key Laboratory of Carbon Fiber and Functional Polymer, Ministry of Education, Beijing University of Chemical Technology, Beijing 100029, China
Preparation and recognition performance of cholic acid-imprinted material prepared with novel surface-imprinting technique

pp 3275–3284

Baojiao Gao*, Jinhua Lu, Zhiping Chen, Jinfeng Guo

Department of Chemical Engineering, North University of China, Taiyuan, Shanxi 030051, People's Republic of China



Preparation of polystyrene–multiwalled carbon nanotube composites with individual-dispersed nanotubes and strong interfacial adhesion

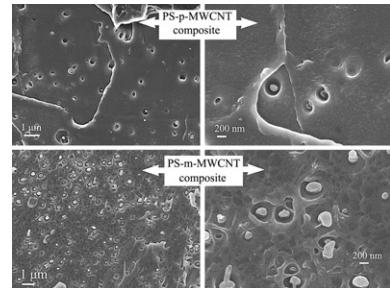
pp 3285–3291

Jian-Min Yuan^{a,*}, Ze-Fu Fan^a, Xiao-Hua Chen^{a,*}, Xian-Hong Chen^a, Zhen-Jun Wu^b, Li-Ping He^c

^a College of Material Science and Engineering, Hunan University, South Road of Yuelu Zone, Changsha 410082, PR China

^b College of Chemistry and Chemical Engineering, Hunan University, Changsha 410082, PR China

^c College of Mechanical and Automobile Engineering, Hunan University, Changsha 410082, PR China



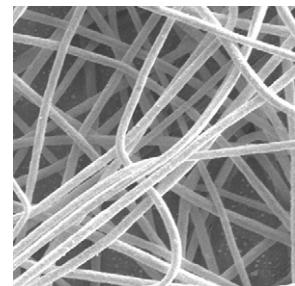
Composite nanofibers of conducting polymers and hydrophobic insulating polymers: Preparation and sensing applications

pp 3292–3301

Hua Bai^a, Lu Zhao^a, Canhui Lu^b, Chun Li^a, Gaoquan Shi^{a,*}

^a Key Laboratory of Bioorganic Phosphorus Chemistry and Chemical Biology, Department of Chemistry, Tsinghua University, Beijing 100084, PR China

^b State Key Laboratory of Polymer Materials Engineering, Sichuan University, Chengdu 610064, PR China



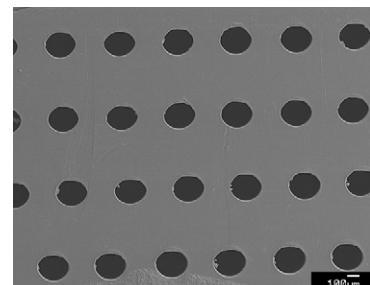
Heat melding of voided polyethylene microstructures

pp 3302–3310

D.I. Medina^a, F. Chinesta^b, M.R. Mackley^{a,*}

^a Department of Chemical Engineering, University of Cambridge, Pembroke Street, Cambridge CB2 3RA, UK

^b EADS Corporate Foundation International Chair, GEM, UMR CNRS, Ecole Centrale de Nantes, 1 Rue de la Noe, BP 92101, 44321 Nantes Cedex 3, France



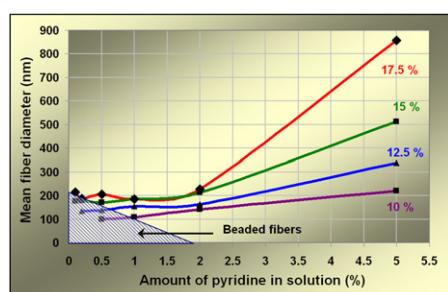
Effect of the addition of a fugitive salt on electrospinnability of poly(ϵ -caprolactone)

pp 3311–3318

A.K. Moghe^a, R. Hufenus^b, S.M. Hudson^a, B.S. Gupta^{a,*}

^a Department of Textile Engineering, Chemistry & Science, North Carolina State University, 2401 Research Drive, Raleigh, NC 27695, USA

^b EMPA, Lerchenfeldstr. 5, St. Gallen CH-9014, Switzerland



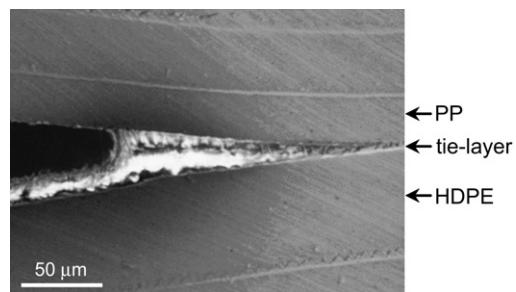
Effect of tie-layer thickness on the adhesion of ethylene–octene copolymers to polypropylene

pp 3319–3328

A.R. Kamdar^a, R.K. Ayyer^a, B.C. Poon^b, G.R. Marchand^b, A. Hiltner^{a,*}, E. Baer^a

^a Department of Macromolecular Science and Engineering,
Center for Applied Polymer Research, Case Western Reserve University,
Cleveland, OH 44106-7202, United States

^b New Products – Materials Science, Core R&D, The Dow Chemical Company,
Freeport, TX 77541, United States

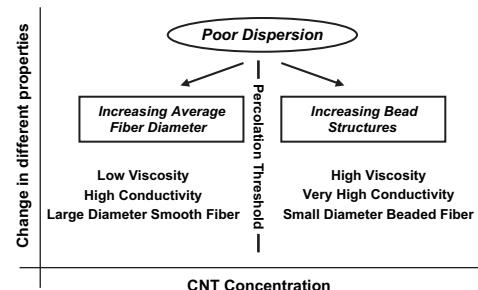
**Morphology, structure and properties of conductive PS/CNT nanocomposite electrospun mat**

pp 3329–3342

Saeedeh Mazinani^a, Abdellah Ajji^b, Charles Dubois^{a,*}

^a CREPEC, Department of Chemical Engineering, Ecole Polytechnique of Montreal,
P.O. Box 6079, Station Centre-Ville, Montreal, Quebec, Canada H3C 3A7

^b CREPEC, Industrial Materials Institute, National Research Council Canada, 75,
de Mortagne, Boucherville, Quebec, Canada J4B 6Y4

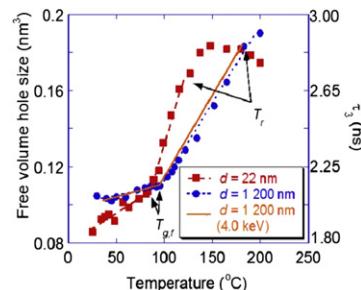
**Free volume behavior in spin cast thin film of polystyrene by energy variable positron annihilation lifetime spectroscopy**

pp 3343–3346

S. Ata^a, M. Muramatsu^{a,b}, J. Takeda^a, T. Ohdaira^a, R. Suzuki^b, K. Ito^b, Y. Kobayashi^b, T. Ougizawa^{a,*}

^a Department of Organic and Polymeric Materials, Tokyo Institute of Technology,
Ookayama, Meguro-ku, Tokyo 152-8552, Japan

^b National Institute of Advanced Industrial Science and Technology,
Tsukuba, Ibaraki 305-8565, Japan

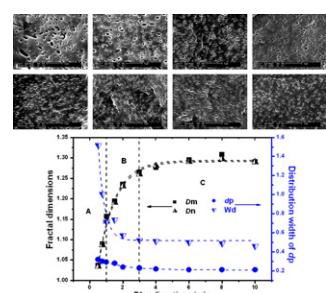
**Study on morphology evolution and fractal character of the miscible blend between isotactic polypropylene and copolymer of ethylene and propylene**

pp 3347–3360

Xu-huang Chen^{a,b}, Gui-qiu Ma^{a,*}, Jing-qing Li^a, Shi-chun Jiang^a, Xu-bo Yuan^a, Jing Sheng^{a,*}

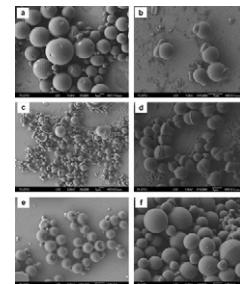
^a School of Materials Science and Engineering, Tianjin University, Tianjin 300072, China

^b School of Chemical and Environmental Engineering, Hubei University of Technology,
Wuhan 430068, China



Janus-like polymer particles prepared via internal phase separation from emulsified polymer/oil droplets

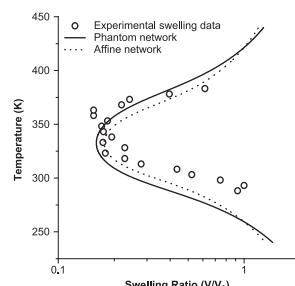
pp 3361–3369

Yi Wang^a, Bao-Hua Guo^{a,*}, Xian Wan^a, Jun Xu^{a,*}, Xin Wang^b, Yin-Ping Zhang^b^a Advanced Materials Laboratory, Department of Chemical Engineering, Tsinghua University, Beijing 100084, PR China^b Department of Building Science, Tsinghua University, Beijing 100084, PR China**Reentrant swelling behavior of thermosensitive N-isopropylacrylamide nano-sized gel particles**

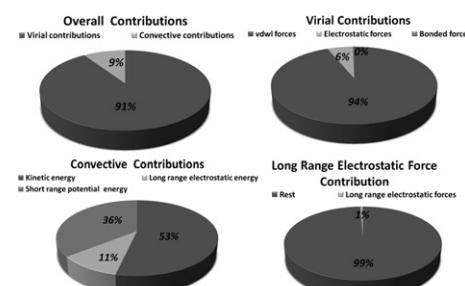
pp 3370–3377

Sang Chul Jung, Suk Yung Oh, Young Chan Bae*

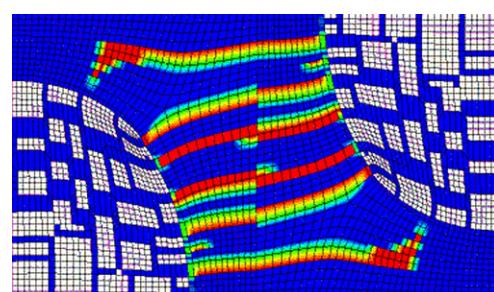
Division of Chemical Engineering and Molecular Thermodynamics Lab., Hanyang University, Seoul 133-791, Republic of Korea

**Heat transport in epoxy networks: A molecular dynamics study**

pp 3378–3385

Vikas Varshney^{a,b,*}, Soumya S. Patnaik^a, Ajit K. Roy^a, Barry L. Farmer^a^a Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright Patterson AFB, Dayton, OH 45433, USA^b Universal Technology Corporation, Dayton, OH 45432, USA**Micromechanics of uniaxial tensile deformation and failure in high impact polystyrene (HIPS)**

pp 3386–3395

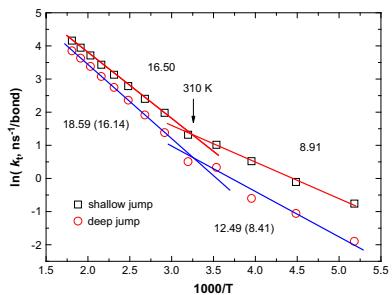
Rajdeep Sharma^{a,b,*}, Simona Socrate^a^a Department of Mechanical Engineering, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139, USA^b General Electric Global Research, 1 Research Circle, Room K1-4B18, Niskayuna, NY 12309, USA

Conformational transition characterization of glass transition behavior of polymers

pp 3396–3402

Rongliang Wu, Bin Kong, Xiaozhen Yang*

Beijing National Laboratory for Molecular Sciences (BNLMS), Joint Laboratory of Polymer Science and Materials, State Key Laboratory of Polymer Physics and Chemistry, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, China

**The phase behaviors of cylindrical diblock copolymers and rigid nanorods' mixtures**

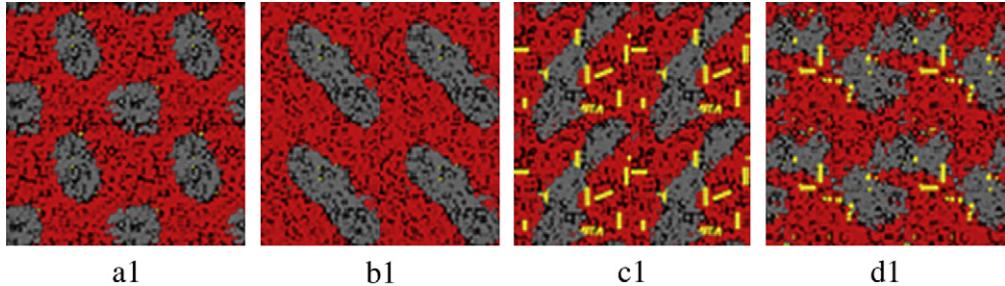
pp 3403–3410

Linli He^a, Linxi Zhang^{b,*}, Hongping Chen^a, Haojun Liang^c

^a Department of Physics, Zhejiang University, Hangzhou 310027, PR China

^b Department of Physics, Wenzhou University, Wenzhou 325027, PR China

^c Department of Polymer Science and Engineering, University of Science and Technology of China, Hefei, Anhui 230026, PR China



*Corresponding author



Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



ISSN 0032-3861

Author Index

- Agag, T. 3153
 Aiji, A. 3329
 Akgun, B. 3234
 Anthamatten, M. 3136
 Ata, S. 3343
 Aubry, T. 3204
 Ayyer, R. K. 3319
- Baer, E. 3319
 Bai, H. 3292
 Baller, J. 3211
 Barbero, C. A. 3145
 Becker, N. 3211
 Bhowmick, A. K. 3259
 Bhowmik, P. K. 3128
 Biasutti, M. A. 3145
 Boulay, L. 3068
 Bressy, C. 3086, 3095
 Buback, M. 3111
 Burchard, W. 3204
- Campistron, I. 3068
 Carlotti, S. 3057
 Chan Bae, Y. 3370
 Chan, J. W. 3158
 Chang, F.-C. 3196
 Chen, H. 3403
 Chen, W.-Y. 3196
 Chen, X.-H. 3285
 Chen, Xian-Hong 3285
 Chen, X.-h. 3347
 Chen, Z. 3275
 Cheng, C.-C. 3196
 Chernykh, A. 3153
 Chinesta, F. 3302
 Chiou, N.-R. 3169
 Chujo, Y. 3174
 Chung, T. S. 3250
 Cornelius, C. 3220
- Daniel, T. 3169
 Datta, H. 3259
 Deffieux, A. 3057
 Deng, K. 3225
 Denifl, P. 3103
 Desbois, P. 3057
 Dubois, C. 3329
 Dujardin, G. 3068
- Fan, Z.-F. 3285
 Farmer, B. L. 3378
- Gao, B. 3275
 Gohier, F. 3068
 Gong, F.-L. 3188
 Guo, B.-H. 3361
 Guo, J. 3275
 Guo, Z. 3169
 Gupta, B. S. 3311
- Han, H. 3128
 Hao, D.-X. 3188
 He, L. 3403
 He, L.-P. 3285
- Hietala, S. 3103
 Hiltner, A. 3319
 Hoyle, C. E. 3158
 Hu, G.-H. 3188
 Hu, S. 3269
 Huang, S. J. 3119
 Hudson, S. M. 3311
 Hufenus, R. 3311
 Hunston, D. L. 3234
- Ishida, H. 3153
 Ito, K. 3343
- James, Jr., C. W. 3220
 Jiang, C. 3072
 Jiang, S.-c. 3347
 Jiang, Z. 3225
 Jimenez-Hernandez, J. A. 3128
 Jochum, F. D. 3079
 Jung, S. C. 3370
 Junkers, T. 3111
- Kagawa, Y. 3182
 Kamdar, A. R. 3319
 Karesoja, M. 3103
 Karul, A. 3234
 Kitayama, Y. 3182
 Kobayashi, Y. 3343
 Kong, B. 3396
 Koponen, A. 3103
 Kyriazis, A. 3204
- Laguerre, A. 3068
 Laukkonen, A. 3103
 Lee, L. J. 3169
 Lei, J.-D. 3188
 Leray, L. 3068
 Leroux, C. 3095
 Li, C. 3292
 Li, J.-q. 3347
 Li, Y. 3072
 Liang, H. 3403
 Liu, L. 3072, 3269
 Low, B. T. 3250
 Lowe, A. B. 3158
 Lu, C. 3292
 Lu, J. 3275
- Ma, G.-H. 3188
 Ma, G.-q. 3347
 Mackley, M. R. 3302
 Mandal, H. D. 3128
 Marand, E. 3220
- Marchand, G. R. 3319
 Margallan, A. 3086, 3095
 Marshall, S. T. 3234
 Matsui, J. 3240
 Mazinani, S. 3329
 McGannon, P. M. 3128
 Medina, D. I. 3302
 Minami, H. 3182
 Mitani, S. 3240
 Mitsuishi, M. 3240
 Miyashita, T. 3240
 Moghe, A. K. 3311
- Müller, M. 3111
 Müller, U. 3211
 Muramatsu, M. 3343
- Nedeltchev, A. K. 3128
 Ngo, V. G. 3095
 Nguyen, M. N. 3086
 Nishino, T. 3245
- Oh, S. Y. 3370
 Ohdaira, T. 3343
 Okubo, M. 3182
 Otsuka, T. 3174
 Ougizawa, T. 3343
- Patnaik, S. S. 3378
 Pilard, J.-F. 3068
 Poon, B. C. 3319
- Rivarola, C. R. 3145
 Roddecha, S. 3136
 Roy, A. K. 3378
 Ryntz, R. A. 3225
- Sanctuary, R. 3211
 Satija, S. K. 3234
 Shang, S. 3119
 Sharma, R. 3386
 Sheng, J. 3347
 Shi, G. 3292
 Singha, N. K. 3259
 Socrate, S. 3386
 Soles, C. L. 3234
 Su, Z.-G. 3188
 Sultana, S. 3240
 Suzuki, R. 3343
- Takeda, J. 3343
 Tan, K. T. 3234
 Tenhu, H. 3103
 Theato, P. 3079
 Thomassey, M. 3211
 Tsai, L.-T. 3196
 Tsitsilianis, C. 3204
- Urushihara, Y. 3245
- Valtola, L. 3103
 Varshney, V. 3378
 Vogt, B. D. 3234
- Wan, X. 3361
 Wang, X. 3361
 Wang, Yi 3361
 Wang, Yong 3072
 Warzelhan, V. 3057
 Weiss, R. A. 3119
 Wen, S. 3269
 White, C. C. 3234
 Winnik, M. A. 3225
 Wu, J. 3072
 Wu, R. 3396
 Wu, Z.-J. 3285

- Xiao, Y. 3250
Xu, J. 3361

Yan, N. 3225
Yaneff, P. V. 3225
Yang, J. 3169
Yang, X. 3396
Ye, Y.-S. 3196
Yeh, S.-K. 3169

Yen, Y.-C. 3196
Yorizane, M. 3182
Yu, B. 3158
Yuan, J.-M. 3285
Yuan, X.-b. 3347

Zetterlund, P. B. 3182
Zhang, L. 3269
Zhang, Linxi 3403

Zhang, X. 3269
Zhang, Y.-P. 3361
Zhao, L. 3292
Zhou, Z. 3072
Ziehmer, M. 3211
Zielinski, B. 3211
Zou, L. 3136