

Bhanu Nandan

Refereed Publications (* denotes corresponding author)

1. Arrays of Inorganic Nanodots and Nanowires Using Nanotemplates Based on Switchable Block Copolymer Supramolecular Assemblies
Bhanu Nandan,* E. Bhoje Gowd,* N. C. Bigall, A. Eychmüller, P. Formanek, P. Simon, M. Stamm
Advanced Functional Materials, in press
2. Fabrication of Metallic/Bimetallic Microtubes Using Self-Rolled Polymer Tubes as Templates
K. Kumar,* **Bhanu Nandan**, V. Luchnikov, E. B. Gowd, M. Stamm*
Langmuir, in press
3. Nanowear Studies in Chemically Heterogeneous Responsive Polymeric Brushes by Surface Force Microscopy
M. K. Vyas,* **Bhanu Nandan**, K. Schneider, M. Stamm
European Polymer Journal, 45, 1367, 2009
4. Tetragonally Packed Cylinder structure of Comb-Coil Block Copolymer Bearing Hetero-Arm Star Architecture
W.-S. Chiang, C.-H. Lin, C.-L. Yeh, **Bhanu Nandan**, P.-N. Hsu, C.-W. Lin, W.-C. Chen, H.-L. Chen*
Macromolecules, 42, 2304, 2009
(This article was listed as one of the most downloaded article from Macromolecules in March 2009)
5. Electrodeposition of Co-Pt Continuous Films and Nanowires
M. S. Khatri, H. Schlörb,* S. Fähler, L. Schultz, **Bhanu Nandan**, M. Böhme, R. Krennek, M. Stamm
Electrochimica Acta, 54, 2536, 2009
6. Self-rolled Polymer Microtubes: Combinatorial Approach to the Study of the Formation Process
K. Kumar,* V. Luchnikov, **Bhanu Nandan**, V. Senkovsky, M. Stamm
European Polymer Journal, 44, 4115, 2008
7. Molecular Architecture Effect on the Self-Assembly Behavior of Comb-Coil Block Copolymers Displaying Lamellae-within-Lamellae Morphology
W.-S. Chiang, C.-H. Lin, **Bhanu Nandan**, C.-L. Yeh, W.-C. Chen, H.-L. Chen*
Macromolecules, 41, 8138, 2008
8. Nanowear Studies on Reversibly Switchable Polystyrene-Poly(acrylic acid) Mixed Brushes
M. K. Vyas,* **Bhanu Nandan**, K. Schneider, M. Stamm
Journal of Colloid and Interface Science, 328, 58, 2008
9. Switching of Friction by Binary Polymer Brushes
M. K. Vyas, K. Schneider, **Bhanu Nandan**, M. Stamm*
Soft Matter, 4, 1024, 2008

10. Crystallization Kinetics and Crystallization-Induced Morphological Formation in the Blends of Poly(ϵ -caprolactone)-*block*-Polybutadiene and Polybutadiene Homopolymer
J.-Y. Hsu, I.-F. Hseih, **Bhanu Nandan**, F.-C. Chiu, J.-H. Chen, U.-S. Jeng, H.-L. Chen*
Macromolecules, 40, 5014, 2007
11. Highly Oriented Nanowires From the Hierarchical Self-Assembly in Supramolecular Complex of Polyaniline with ω -Methoxy Poly(ethylene oxide) Phosphates
Bhanu Nandan, J.-Y. Hsu, A. Chiba, H.-L. Chen,* C.-S. Liao, S.-A. Chen, H. Hasegawa
Macromolecules, 40, 395, 2007 (Communication to the Editor)
(This article was listed as one of the most accessed articles in Macromolecules in the period Jan-Mar 2007)
12. Molecular Architecture Effect on the Microphase Separations in Supramolecular Comb-Coil Complexes of Polystyrene-*block*-Poly(2-vinyl pyridine) with Dodecyl benzene Sulfonic acid: A_nB_n Hetero-Arm Star Copolymer.
Bhanu Nandan, C.-H. Lee, H.-L. Chen,* W.-C. Chen
Macromolecules, 39, 4460, 2006
13. Crystallization Behavior of Crystalline-Amorphous Diblock Copolymers Consisting of a Rubbery Amorphous Block
Bhanu Nandan, J.-Y. Hsu, H.-L. Chen*
Polymer Reviews, 46, 143, 2006 (Invited Review)
14. Molecular Architecture Effect on the Microphase Separations in Supramolecular Comb-Coil Complexes of Polystyrene-*block*-Poly(2-vinyl pyridine) with Dodecyl benzene Sulfonic acid: $(AB)_n(A)_n$ Block-Arm Star Copolymer.
Bhanu Nandan, C.-H. Lee, H.-L. Chen,* W.-C. Chen
Macromolecules, 38, 10117, 2005
15. Correlation between Crystallization Kinetics and Melt Phase Behavior of Crystalline-Amorphous Block Copolymer/Homopolymer Blends.
J.-Y. Hsu, **Bhanu Nandan**, M.-C. Chen, F.-C. Chiu, H.-L. Chen*
Polymer, 46, 11837, 2005
16. Self-Assembly and Crystallization in a Supramolecular Hairy Rod Polymer from the complex of Polyaniline with ω -Methoxy Poly(ethylene oxide) Phosphates.
Bhanu Nandan, H.-L. Chen,* C.-S. Liao, S.-A. Chen
Macromolecules, 37, 9561, 2004
17. Cocrystallization Behavior in Binary Blend of Crystalline-Amorphous Diblock Copolymers.
Y.-Y. Huang, **Bhanu Nandan**, H.-L. Chen,* C.-S. Liao, U. Jeng
Macromolecules, 37, 8175, 2004 (Communication to the Editor)
18. Poly(ether ether ketone)/Poly(aryl ether sulphone) Blends: Melt Rheological Behavior.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Journal of Polymer Science, Polymer Physics Edition, 42, 1548, 2004

19. Acrylonitrile-Butadiene-Styrene / Poly(ether ether ketone) Blends : An Attempt Towards a Polymer Reinforced Polymer Composite.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Macromolecular Materials and Engineering, 289, 749, 2004
20. A Selective Reaction of Polyhydroxy Fullerene with Cycloaliphatic Epoxy Resin in Designing Ether Connected Epoxy Star Utilizing Fullerene as a Molecular Core.
T.H. Goswami,* *Bhanu Nandan*, S. Alam, G.N. Mathur
Polymer, 44, 3209, 2003
21. Glass Transition Behaviour of Poly(ether ether Ketone)/Poly(aryl ether sulphone) blends : Dynamic Mechanical and Dielectric Relaxation Studies
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Polymer, 44, 1267, 2003
22. Poly(ether ether ketone)/Poly(aryl ether sulphone) Blends: Crystallization and Melting Behaviour.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Journal of Applied Polymer Science, 90, 2906, 2003
23. Poly(ether ether ketone)/Poly(aryl ether sulphone) Blends: Morphology-Mechanical Properties Relationships.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Journal of Applied Polymer Science, 90, 2887, 2003
24. Poly(ether ether ketone)/Poly(aryl ether sulphone) blends: Thermal Degradation Behaviour.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
European Polymer Journal, 39, 193, 2003
25. Density Measurements of Plastics – A Simple Standard Test Method.
D.S. Bag,* *Bhanu Nandan*, S. Alam, L.D. Kandpal, G.N. Mathur
Indian Journal of Chemical Technology, 10, 561, 2003
26. Poly(ether ether ketone)/Poly(aryl ether sulphone) blends: Thermal and Compatibility Aspects.
Bhanu Nandan,* L.D. Kandpal, G.N. Mathur
Journal of Polymer Science, Polymer Physics Edition, 40, 1407, 2002
27. Thermal and Morphological Properties of Poly(ether ether ketone)/Poly(ether ketone) Blends.
Bhanu Nandan,* B. Lal, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
European Polymer Journal, 37, 2147, 2001
28. Miscibility Behaviour of Poly(ether sulphone)/Nylon-6 Blends.
Bhanu Nandan,* K.N. Pandey, G.D. Pandey, A. Singh, L.D. Kandpal, G.N. Mathur,
Journal of Thermal Analysis and Calorimetry, 64, 529, 2001
29. Thermal and Morphological Properties of Nylon-6/PEEK blends.
Bhanu Nandan,* B. Lal, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
Journal of Polymer Materials, 18, 355, 2001

30. Studies on High Performance PEEK/Alumina Composites.
*Bhanu Nandan,** B. Lal, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
Journal of Polymer Materials, 18, 135, 2001

Manuscript Submitted / in Preparation

1. Highly Ordered Palladium Nanodots and Nanowires from Switchable Block Copolymer Thin Films
E. Bhoje Gowd,* *Bhanu Nandan,** M. K. Vyas, N. C. Bigall, A. Eychmüller, H. Schlörb, P. Simon, M. Stamm
Small, Submitted
2. Fabrication of Highly Dense Arrays of Vertically Oriented Polyaniline Nanorods using Template Based on Supramolecular Assemblies
B. Kuila,* *Bhanu Nandan,* M. Böhme, A. Janke, M. Stamm*
Manuscript in Preparation
3. A Novel Approach for the Fabrication of Silica and Silica/Metal Hybrid tubes
K. Kumar,* *Bhanu Nandan,* V. Luchnikov, P. Formanek, F. Simon, M. Stamm*
Manuscript in Preparation
4. Microphase Separation in Thin Films of Supramolecular Assemblies Composed of a Triblock Copolymer and Low Molecular Weight Additive.
*Bhanu Nandan,** M. K. Vyas, M. Stamm
Manuscript in Preparation
5. Lamellae-Lamellae Transition in a Supramolecular Comb-Coil Complex of Polystyrene-block-Poly(2-vinyl pyridine) with Dodecyl benzene Sulfonic acid
Bhanu Nandan, C.-H. Lee, H.-L. Chen,* W.-C. Chen
Manuscript in preparation
6. Nanopatterning of Metallic Nanoparticles using Templates based on Block Copolymer Supramolecular Assemblies
*Bhanu Nandan,** E. Bhoje Gowd,* N. C. Bigall, A. Eychmüller, P. Formanek, M. Stamm
Manuscript in Preparation
7. Composition Dependent Phase Transitions and Pathways in Switching of Fine Structure in Thin Films of Supramolecular Assemblies.
*Bhanu Nandan,** M. Stamm
Manuscript in Preparation

Non-Refereed Publications

1. Supramolecular Assemblies of Block Copolymers as Templates for Nanofabrication
Bhanu Nandan, E. B. Gowd, N. C. Bigall, A. Eychmüller, M. Stamm
Polymeric Materials: Science & Engineering, 402, 100, 2009

2. Electrodeposition of Co-Pt Continuous Films and Nanowires
M.S. Khatri, H. Schlörb, S. Fähler, L. Schultz, **Bhanu Nandan**, M. Böhme, R. Krenek, M. Stamm
Proc. Euro-Interfinish Conference, O21, 2007
3. Cocrystallization in Binary Mixtures of Crystalline-Amorphous Diblock Copolymers.
Y.-Y. Huang, **Bhanu Nandan**, H.-L. Chen, C.-S. Liao, U.-S. Jeng
Polymeric Materials: Science & Engineering, 927, 93, 2005
4. Effect of Molecular Weight on the Compatibility of PEEK/PES Blends
Bhanu Nandan, L.D. Kandpal, G.N. Mathur
Recent Advances in Polymers and composites (Editors: G.N. Mathur, L.D. Kandpal, A.K. Sen) Allied Publishers, New Delhi, 411-415, 2000
5. Solvent Resistance Behaviour of a Partially Miscible Semicrystalline/Amorphous Engineering Polymer Blend,
Bhanu Nandan, T.H. Goswami, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
Recent Advances in Polymers and composites (Editors: G.N. Mathur, L.D. Kandpal, A.K. Sen) Allied Publishers, New Delhi, 448-453, 2000
6. Miscibility Behaviour of Poly(ethylene terephthalate)/Poly(ether sulphone blends),
B. Lal, **Bhanu Nandan**, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
Recent Advances in Polymers and composites (Editors: G.N. Mathur, L.D. Kandpal, A.K. Sen) Allied Publishers, New Delhi, 431-434, 2000
7. Morphological Investigations of Poly(ether ether ketone) based Binary and Ternary Blends,
Bhanu Nandan, K.N. Pandey, B. Lal, S. Alam, L.D. Kandpal, G.N. Mathur
Proceedings of National Conference on Electron Microscopy (Editors: G.N. Mathur, C.D. Dwivedi), 63-67, 1999, Kanpur, India
8. SEM Studies on Engineering Thermoplastic Blends,
Bhanu Nandan, K.N. Pandey, B. Lal, S. Alam, L.D. Kandpal, G.N. Mathur
Proceedings of National Conference on Electron Microscopy (Editors: G.N. Mathur, C.D. Dwivedi), 71-73, 1999, Kanpur, India
9. Microphase Properties of PEEK/Alumina Composites by Scanning Electron Microscopy,
B. Lal, K.N. Pandey, **Bhanu Nandan**, S. Alam, L.D. Kandpal, G.N. Mathur
Proceedings of National Conference on Electron Microscopy (Editors: G.N. Mathur, C.D. Dwivedi), 67-70, 1999, Kanpur, India
10. Scanning Electron Microscopic Studies of Microphase Behaviour of Poly(ether ether ketone)/Poly(ether sulphone) Blends
B. Lal, K.N. Pandey, **Bhanu Nandan**, S. Alam, L.D. Kandpal, G.N. Mathur
Proceedings of National Conference on Electron Microscopy (Editors: G.N. Mathur, C.D. Dwivedi), 74-77, 1999, Kanpur, India

Invited Talks

1. Block Copolymer Supramolecular Assemblies: Microphase Separation and Nanofabrication
Indian Institute of Technology, Delhi, India, February 19, 2009
2. Block Copolymer Supramolecular Assemblies: Microphase Separation and Nanofabrication
National Chemical Laboratory, Pune, India, February 23, 2009
3. Supramolecular Assemblies of Block Copolymers as Templates for Nanofabrication
National Institute of Science Education and Research, Bhubaneswar, India, March 3, 2009

Conference Presentations (Presenter author is underlined)

1. Morphological Investigations of Poly(ether ether ketone) based Binary and Ternary Blends
Bhanu Nandan, K.N. Pandey, B. Lal, S. Alam, L.D. Kandpal, G.N. Mathur
Presented at the National Conference on Electron Microscopy, Dec. 1-3, 1999, Kanpur, India
2. SEM Studies on Engineering Thermoplastic Blends
Bhanu Nandan, K.N. Pandey, B. Lal, S. Alam, L.D. Kandpal, G.N. Mathur
Presented at the National Conference on Electron Microscopy, Dec. 1-3, 1999, Kanpur, India
3. Microphase Properties of PEEK/Alumina Composites by Scanning Electron Microscopy
B. Lal, K.N. Pandey, Bhanu Nandan, S. Alam, L.D. Kandpal, G.N. Mathur
Presented at the National Conference on Electron Microscopy, Dec. 1-3, 1999, Kanpur, India
4. Scanning Electron Microscopic Studies of Microphase Behaviour of Poly(ether ether ketone)/Poly(ether sulphone) Blends
B. Lal, K.N. Pandey, Bhanu Nandan, S. Alam, L.D. Kandpal, G.N. Mathur
Presented at the National Conference on Electron Microscopy, Dec. 1-3, 1999, Kanpur, India
5. Miscibility Behaviour of Poly(ether sulphone)/Nylon-6 Blends
Bhanu Nandan, K.N. Pandey, G.D. Pandey, A. Singh, L.D. Kandpal, G.N. Mathur
Presented at the 12th International Congress on Thermal Analysis and Calorimetry- ICTAC 12, Aug 14-18, 2000, Copenhagen, Denmark
6. Thermal and Morphological Properties of Acrylonitrile-butadiene-styrene/Poly(ether ether ketone) Blends
Bhanu Nandan, K.N. Pandey, G.D. Pandey, A. Singh, L.D. Kandpal, G.N. Mathur
Presented at the 12th International Congress on Thermal Analysis and Calorimetry- ICTAC 12, Aug 14-18, 2000, Copenhagen, Denmark

7. Effect of Molecular Weight on the Compatibility of PEEK/PES Blends
Bhanu Nandan, L.D. Kandpal, G.N. Mathur
Presented at National Symposium on Polymers and Composites (MACRO 2000)
Dec. 1-2, 2000, Kanpur, India.
8. Solvent Resistance Behaviour of a Partially Miscible Semicrystalline/Amorphous Engineering Polymer Blend
Bhanu Nandan, T.H. Goswami, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur
Presented at National Symposium on Polymers and Composites (MACRO 2000)
Dec. 1-2, 2000, Kanpur, India.
9. Miscibility Behaviour of Poly(ethylene terephthalate)/Poly(ether sulphone) Blends
B. Lal, Bhanu Nandan, K.N. Pandey, S. Alam, L.D. Kandpal, G.N. Mathur,
Presented at National Symposium on Polymers and Composites (MACRO 2000),
Dec. 1-2, 2000, Kanpur, India.
10. Effect of Composition and Melt Viscosity Ratio on the Morphology of Poly(ether ether ketone)/Poly(aryl ether sulphone) Blends
Bhanu Nandan, L.D. Kandpal, G.N. Mathur
Presented at International Conference on Electron Microscopy and Allied Fields (EMSI-2002), Feb. 20-22, 2002, IIT-Bombay, India
11. A Selective Reaction of Polyhydroxy Fullerene with Cycloaliphatic Epoxy Resin in Designing Ether Connected Epoxy Star Utilizing Fullerene as a Molecular Core
T.H. Goswami, Bhanu Nandan, S. Alam, G.N. Mathur
Presented at DRDO Workshop on Advanced Polymer Materials, February 25-26, 2003, Kanpur, India.
12. Self-assembly and Crystallization Supramolecular Hairy-rod Polymer from the Complex of Polyaniline and ω -Methoxy Poly(ethylene oxide) Phosphates.
Bhanu Nandan, H.-L. Chen, C.-S. Liao, C.-S. Liao, S.-A. Chen
Presented at International Union of Material Research Society Meeting-International Conference in Asia (Symposium H - Hybrid and Soft Materials), Nov. 16-18 2004, Hsinchu, Taiwan.
13. Suppression of Molecular Weight Fractionated Crystallization in Binary Diblock Copolymer Blends.
Y.-Y. Huang, Bhanu Nandan, H.-L. Chen, U.-S. Jeng
Presented at Tenth User's Meeting of National Synchrotron Radiation Research Centre, Oct. 28-29, 2004, Hsinchu, Taiwan
14. Cocrystallization of Crystallizable Blocks in $(C_{\alpha}-A_{\beta})/(C_{\gamma}-A_{\delta})$ Binary Diblock Mixtures
Y.-Y. Huang, Bhanu Nandan, H.-L. Chen, C.-S. Liao, U.-S. Jeng
Presented at the 28th Annual ROC Polymer Symposium, Hsinchu, Taiwan, Jan. 14-15, 2005
15. Cocrystallization Behavior in Binary Blend of Crystalline-Amorphous Diblock Copolymers
H.-L. Chen, Y.-Y. Huang, Bhanu Nandan
Presented at the European Polymer Congress, Moscow, Russia, Jun. 27-Jul. 1, 2005

16. Cocrystallization in Binary Mixtures of Crystalline-Amorphous Diblock Copolymers
Y.-Y. Huang, Bhanu Nandan, H.-L. Chen, C.-S. Liao, U.-S. Jeng
Presented at the 230th ACS National Meeting, Washington DC, USA, Aug. 28-Sep. 1, 2005
17. Hierarchical Assembly of the Supramolecular Hairy Rod Polymer from the Complex of Polyaniline with ω -Methoxy Poly(ethylene oxide) Phosphates.
Bhanu Nandan, H.-L. Chen, C.-S. Liao, S.-A. Chen, A. Chiba, H. Hasegawa
Presented at the Asian Workshop on Polymer Processing in Taiwan, Oct. 17-19, 2005.
18. Molecular Architecture Effect on the Self-Assembly and Phase Transitions of Supramolecular Comb-Coil Block Copolymers.
Bhanu Nandan, C.-H. Lee, H.-L. Chen, W.-C. Chen
Presented at the Eleventh User's Meeting of National Synchrotron Radiation Research Centre, Oct. 25-26, 2005, Hsinchu, Taiwan
19. Influence of Chain Architecture on Microphase Separation in Supramolecular Comb-Coil Complexes of Polystyrene-*block*-Poly(2-vinylpyridine) with Dodecylbenzene sulfonic acid.
Bhanu Nandan, C.-H. Lee, H.-L. Chen, W.-C. Chen
Presented at the 29th Annual ROC Polymer Symposium, Jan. 13-14, 2006 Kao-Hsiung, Taiwan.
20. Nanostructured Materials Derived from Various Molecular Architectures of Poly(styrene)-*block*-Poly(2-vinylpyridine)
C.-H. Lee, Bhanu Nandan, H.-L. Chen, W.-C. Chen
Presented at the World Polymer Congress, 41st IUPAC International Symposium on Macromolecules (Macro 2006), July 16 – 21, 2006, Rio De Janeiro, Brazil.
21. Co₈₀Pt₂₀ Electrodeposition into Diblock Copolymer Nano-Template
M. S. Khatri, H. Schlörb, S. Fähler, L. Schultz, Bhanu Nandan, R. Krenek, M. Stamm
Presented at the International Workshop on Advanced Nanostructured Materials, May 24 – 26, 2007, Dresden, Germany.
22. Block Copolymer Supramolecular Assemblies for Electrochemical Nano-Templating of Magnetic Alloys
Bhanu Nandan, M. Böhme, R. Krenek, M. Stamm M. S. Khatri, H. Schlörb, S. Fähler, L. Schultz
Presented at the Annual Meeting of the DFG Priority Programme SPP 1165 on Nanowires and Nanotubes: From Controlled synthesis to Function, May 29 – 31, 2007, Fulda, Germany
23. Tailoring the Morphology of Supramolecular Assemblies Based on Polystyrene-*block*-Poly(4-vinylpyridine) Diblock Copolymers for Their Use as Nanotemplates
Bhanu Nandan, M. Böhme, R. Krenek, Y. Sun, M. Stamm
Presented at the Annual Meeting of the DFG Priority Programme SPP 1165 on Nanowires and Nanotubes: From Controlled synthesis to Function, May 29 – 31, 2007, Fulda, Germany

24. Electrodeposition of Co-Pt Continuous Films and Nanowires
M. S. Khatri, H. Schlörb, S. Fähler, L. Schultz, Bhanu Nandan, R. Krenek, M. Stamm
Presented at the Eurinterfinish Conference 2007: Nanotechnology and Innovative Coatings, Oct 18-19, 2007, Athens, Greece
25. Nanotemplates with Copolymer Thin Films
M. Stamm, R. Krenek, V. Cimrova, Bhanu Nandan, P. Uhlmann, N.E. Zafeiropoulos, X. Liu
Presented at the 9th European Symposium on Polymer Blends, September 9-12, 2007, Parlermo, Italy.
26. Nanoporous Templates from Supramolecular Assembly of Block copolymers
Bhanu Nandan, M. Böhme, R. Krenek, M. Stamm
Presented at the 72nd DPG Spring Meeting, February 25-29, 2008, Berlin, Germany
27. Co-Pt Films and Nanostructures by Electrodeposition into Diblock Copolymer Templates
M. S. Khatri, H. Schlörb, S. Fähler, L. Schultz, Bhanu Nandan, M. Böhme, R. Krenek, M. Stamm
Presented at the 72nd DPG Spring Meeting, February 25-29, 2008, Berlin, Germany
28. Force Studies on Responsive Polymeric Brush Surfaces
M. K. Vyas, K. Schneider, Bhanu Nandan, M. Stamm
Presented at the 72nd DPG Spring Meeting, February 25-29, 2008, Berlin, Germany
29. Nanotemplates with Copolymer Thin Films
M. Stamm, R. Krenek, V. Cimrova, Bhanu Nandan, P. Uhlmann, N.E. Zafeiropoulos, X. Liu
Presented at the 4th International Symposium on Nanostructured and Functional Polymer-Based Materials and Nanocomposites, April 16-18, 2008, Rome, Italy.
30. Fabrication of Ordered Nanostructured Materials from Nanoporous Templates based on Supramolecular Assembly of Block Copolymers
Bhanu Nandan, M. Bohme, E. B. Gowd, R. Krenek, M. Stamm
Presented at the Materials Science and Engineering Congress 2008 (MSE 2008), September 1-4, 2008, Nürnberg, Germany
31. Diblock Copolymer Thin Films as Templates for Generation of Nanostructured Materials
E. B. Gowd, Bhanu Nandan, M. Stamm
Presented at the Materials Science and Engineering Congress 2008 (MSE 2008), September 1-4, 2008, Nürnberg, Germany
32. Supramolecular Assemblies of Block Copolymers as Templates for Nanofabrication
Bhanu Nandan, E. B. Gowd, N. C. Bigall, A. Eychmüller, M. Stamm
Presented at the 237th ACS National Meeting, March 22-26, 2009, Salt Lake City, USA

33. Improving Long Range Order in Block Copolymer based Nanotemplates
M. Böhme, Bhanu Nandan, M. Stamm
Presented at the 73nd DPG Spring Meeting, March 22-27, 2009, Dresden, Germany

34. Fabrication of Metallic/Bimetallic Microtubes using Self-rolled Polymer Tubes as Templates
K. Kumar, Bhanu Nandan, V. Luchnikov, E. B. Gowd, M. Stamm
Presented at the 73nd DPG Spring Meeting, March 22-27, 2009, Dresden, Germany

35. Highly Ordered Block Copolymer Templates for the Generation of Nanostructured Materials
E. B. Gowd, Bhanu Nandan, M. Stamm, N. C. Bigall, A. Eychmüller
Presented at the 73nd DPG Spring Meeting, March 22-27, 2009, Dresden, Germany