

2008 MRL PUBLICATIONS

IRG 1

a. Primary MRSEC Support

L.A. Connal, R. Vestberg, C.J. **Hawker**, G.G. Qiao, "Dramatic morphology control in the fabrication of porous polymer films," *Adv. Funct. Mater.* **18**, 3706 (2008)

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W. Smitthipong, T. Neumann, S. Gajria, Y. Li, A. Chworos, L. **Jaeger**, M. **Tirrell**, "Noncovalent self-assembling nucleic acid-lipid based materials," *Biomacromolecules*, Publication Date (Web): December 18, 2008 (Article) Available on-line: DOI: 10.1021/bm800701a

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K. Takizawa, C. Tang, C.J. **Hawker**, “Molecularly defined caprolactone oligomers and polymers: Synthesis and characterization,” *J. Am. Chem. Soc.* **130**, 1718 (2008)

R. Toomey, M. **Tirrell**, “Functional polymer brushes in aqueous media from self-assembled and surface-initiated polymers,” *Annual Review of Physical Chemistry* **59**, 493 (2008)

R. Toomey, M. **Tirrell**, “In situ investigation of adsorbed amphiphilic block copolymers by ellipsometry and neutron reflectometry,” Vol. 3, Chapter 4, pg. 873 , in Soft Matter Characterization, Borsali, Redouane; Pecora, Robert, eds., Springer-Verlag, Berlin (2008)

H. Zeng, Y. Tian, T. Anderson, M. **Tirrell**, J. **Israelachvili**, “New SFA techniques for studying surface forces and thin film patterns induced by electric fields,” *Langmuir* **24**, 1173 (2008)

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L.M. Campos, K.L. Killops, R. Sakai, J.M.J. Paulusse, D. Damiron, E. Drockenmuller, B.W. Messmore, C.J. **Hawker**, “Development of thermal and photochemical strategies for thiol-ene click polymer functionalization,” *Macromolecules* **41**, 7063 (2008)

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M. Seo, B.J. Beck, J.M.J. Paulusse, C.J. **Hawker**, S.Y. Kim, "Polymeric nanoparticles via noncovalent cross-linking of linear chains," *Macromolecules* **41**, 6413 (2008)

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None

SEED

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None

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