

Ciro Autiero

List of Publications



International Reviewed Papers

- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli, S. Menghetti, **Linear Viscoelastic Behavior of a Azobenzene Nematic Block Copolymer**. *Molecular Crystals and Liquid Crystals* 2011, vol. 549, pp. 1-7. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli, **Unentangled Rheological Behavior of a Nematic Azobenzene Polymethacrylate**. *Molecular Crystals and Liquid Crystals* 2009, vol. 500, pp. 63-73. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Dynamics, fragility, and glass transition of low-molecular-weight linear homopolymers**. *Philosophical Magazine* 2008, vol. 88, pp. 4151-4159. (I.F. 1.273)
- L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, F. Zulli, **Enthalpy Relaxation of Polymers: On The Possible Role of Liquid-Crystalline Order**. *Macromolecular Rapid Communications* 2008, vol. 29, pp. 928-933. (I.F. 4.263)
- L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, F. Zulli, **Thermorheological Simplicity and Fragility of Azobenzene Nematogenic Side-Chain Polymers**. *Macromolecular Symposia* 2008, vol. 263, pp. 78-85.
- L. Andreozzi, C. Autiero, M. Faetti, F. Zulli, **Structural relaxation of an unentangled polymer in terms of a simple phenomenological approach**. *Journal of Chemical Physics* 2007, vol. 127, p. 084909. (I.F. 3.093)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, Istvan Szanka, Giancarlo Galli, **On the Dynamics of the Cholestane Spin Probe in a Nematic Azobenzene Side Group Oligomer**. *Molecular Crystals and Liquid Crystals* 2007, vol. 465, pp. 25-35. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Probing the cooperative dynamics varying the side-chain length of poly(alkyl acrylate)s: ESR experiments**. *Philosophical Magazine* 2007, vol. 87, pp. 799-810. (I.F. 0.451)
- G. Galli, I. Szanka, L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Nanoscale Heterogeneities in Nematic Azobenzene Polymethacrylates for Optical Nanowriting**. *Macromolecular Symposia* 2006, vol. 245-246, pp. 463-469.
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Probing the cooperative and local modes of a poly(methyl acrylate) sample via ESR spectroscopy**. *Journal of Non-Crystalline Solids* 2006, vol. 352, pp. 5050-5054. (I.F. 1.252)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Dynamic crossovers and activated regimes in a narrow distribution poly(n-butyl acrylate): an ESR study**. *Journal of Physics: Condensed Matter* 2006, vol. 18, pp. 6481-6492. (I.F. 2.083)

L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli. **Heterogeneities in the Dynamics of a Molecular Tracer in Mesogenic and Nonmesogenic Azobenzene Copolymers.** *Molecular Crystals and Liquid Crystals* 2006, vol. 450, pp 163[363]-171[371]. (*I.F.* 0.451)

L. Andreozzi, C. Autiero, F. Zulli, M. Giordano. **Design, Construction and Testing of a Microwave Cavity for Linear and Non-Linear ESR Spectroscopy at 4.5 GHz Operating in TE₁₀₂ mode.** *Journal of Microwaves and Optoelectronics* 2005, vol. 4, Iss. 1, pp 55-60.

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