

***Block Copolymers via Macromercaptan Initiated Ring Opening Polymerization***

Lefay C., Glé D., Rollet M., Mazzolini J., Bertin D., Viel S., Schmid C., Boisson C., D'Agosto F., Gigmes D., Barner-Kowollik C.

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***Dynamics of EPR copolymers by  $^1\text{H}$  and  $^{13}\text{C}$  solid state NMR***

Mollica G., Forte C., Malvaldi M., Geppi M.

*Journal of Physical Chemistry B* **115**, 9 (2011) 1978-1985

***Tandem mass spectrometry of trimethylsilyl-terminated poly(dimethylsiloxane) ammonium adducts generated by electrospray ionization***

Fouquet T., Humbel S., Charles L.

*Journal of the American Society for Mass Spectrometry* **22**, 4 (2011) 649-658

***Modulation of cross polarization in motionally averaged solids by variable angle spinning NMR***

Espinosa C.A., Thureau P., Shapiro R.A., Litvak I.M., Martin R.W.

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***Solid-State NMR Characterization of the Insertion of Cobalt into Aluminosilicate Materials***

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***A convenient method for the measurements of transverse relaxation rates in homonuclear scalar coupled spin systems***

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***Isomeric distinction of small oligosaccharides: a bottom-up approach using the kinetic method***

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***Use of X-band EPR to follow the reaction between various nucleophilic compounds and 2-methyl-2-nitrosopropane (MNP)***

Triquigneaux M., Charles L., Tuccio B.

*Analytical Methods* **3**, 7 (2011) 1582-1586

***Dissociation characteristics of  $\alpha,\omega$ -dihydride poly(dimethylsiloxane) ammonium adducts generated by electrospray ionization***

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***Mass Transport of Volatile Molecules in Porous Materials: Evaporation-Condensation***

***Phenomena Described by NMR Diffusometry***

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***Selective internuclear coupling estimation in the solid-state NMR of multiple-spin systems***

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(selected as a Hot Article by the editorial board)

***Electrospray tandem mass spectrometry of poly(amino)ester dendrimers: dissociation rules and structural characterization of defective molecules***

Tintaru A., Chendo C., Monnier V., Bouillon C., Quelever G., Peng L., Charles L.

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***End-group characterization of poly(styrene sulfonate sodium salt) by activated electron photo-detachment dissociation***

Girod M., Antoine R., Lemoine J., Dugourd P., Charles L.

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***Structurally flexible PAMAM dendrimers are effective nanovectors for DNA transfection in vitro and in vivo to mouse thymus***

Liu X., Wu J., Yammie M., Zhou J., Posocco P., Viel S., Liu C., Ziarelli F., Fermeglia M., Pricl S., Victorero G., Nguyen C., Erbacher P., Behr J.-P., Peng L.

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