

**Group of G. Wegner**

**Publications 2008**

*S. Baluschev, V. Yakutkin, T. Miteva, G. Wegner, T. Roberts, G. Nelles, A. Yasuda, S. Chernov, S. Aleshchenkov, A. Cheprakov*

**A general approach for non-coherently excited annihilation up-conversion:  
transforming the solar-spectrum.**

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P-08-114

*B. Bingöl, G. Hart-Smith, C. Barner-Kowollik, G. Wegner*

**Characterization of oligo(vinyl phosphonate)s by high-resolution electrospray ionization mass spectrometry: Implications for the mechanism of polymerization.**

Macromolecules. **41(5)**, 1634-1639 (2008)

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*B. Bingöl, C. Strandberg, A. Szabo, G. Wegner*

**Copolymers and hydrogels based on vinylphosphonic acid.**

Macromolecules. **41(8)**, 2785-2790 (2008)

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*K. Gorna, M. Hund, M. Vucak, F. Gröhn, G. Wegner*

**Amorphous calcium carbonate in form of spherical nanosized particles and its application as fillers for polymers.**

Materials Science and Engineering A-Structural Materials Properties Microstructure and Processing. **477(1-2)**, 217-225 (2008)

P-08-300

*F. J. Jiang, A. Kaltbeitzel, W. H. Meyer, H. T. Pu, G. Wegner*

**Proton-conducting polymers via atom transfer radical polymerization of diisopropyl-p-vinylbenzyl phosphonate and 4-vinylpyridine.**

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P-08-108

*F. Jiang, A. Kaltbeitzel, B. Fassbender, G. Brunklaus, H. Pu, W. H. Meyer, H. W. Spiess, G. Wegner*

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*J. Kang, J. Jo, Y. Jo, S. Y. Lee, P. E. Keivanidis, G. Wegner, D. Y. Yoon*

**Time-resolved photoluminescence study of low-energy emission mechanisms in oligofluorene and polyfluorene films.**

Polymer. **49(26)**, 5700-5704 (2008)

P-08-250

*W. Pisula, Z. Tomovic, M. Wegner, R. Graf, M. J. Pouderoijen, E. W. Meijer, A. P. H. J. Schenning*

**Liquid crystalline hydrogen bonded oligo(p-phenylenevinylene)s.**

Journal of Materials Chemistry. **18(25)**, 2968-2977 (2008)

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*G. Wegner*

**Creation of a research topic: Successes and pitfalls.**

Advanced Materials. **20(16)**, A13-A13 (2008)

P-08-122

*M. Yang, Z. Zhang, F. Yuan, W. Wang, S. Hess, K. Lienkamp, I. Lieberwirth, G. Wegner*

**Self-assembled structures in organogels of amphiphilic diblock codendrimers.**

Chemistry-A European Journal. **14(11)**, 3330-3337 (2008)

P-08-274

*G. L. Zhang, L. X. Jin, Z. P. Ma, X. M. Zhai, M. Yang, P. Zheng, W. Wang, G. Wegner*

**Dendritic-to-faceted crystal pattern transition of ultrathin poly(ethylene oxide) films.**

Journal of Chemical Physics. **129(22)**, 224708 (2008)

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