

News from Our Polymer Science Publications**ADVANCES IN POLYMER SCIENCE**

I n P r e p a r a t i o n

Vol. 42: New Polymerization Reactions1. *Four-Center Photopolymerization in the Crystalline State*

Author: Prof. Dr. M. Hasegawa
The University of Tokyo, Japan

2. *Macrozwitterion Polymerization*

Author: Dr. D.S. Johnston
Royal Free Hospital, University of London, U.K.

3. *Ring-Opening Polymerization of Atom-Bridged and Bond-Bridged Bicyclic Ethers, Acetals and Orthoesters*

Authors: Dr. Y. Yokoyama, Prof. H.K. Hall, Jr.
University of Arizona, Tucson, USA

4. *Structural and Chemical Modifications of Cellulose by Graft Copolymerization*

Authors: Dr. B.P. Morin, Dr. I.P. Breusova, Prof. Z.A. Rogovin
Moscow Textile Institute, USSR

The contribution by M. Hasegawa is the first review of a four-center photopolymerization. D.S. Johnston shows a novel reaction for zwitterions. Y. Yokoyama and H.K. Hall mention some biomedical application of polymers, and Z.A. Rogovin with his team reports on the most efficient approach to develop feasible and industrially useful methods for the synthesis of cellulose graft copolymers.

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Future Contributions

G.K. Elyashevich

Thermodynamics and Kinetics of Orientational Crystallization of Flexible-Chain Polymers

E. Heidemann, W. Roth

Synthesis and Investigation of Collagen Model Peptides