

Book Reviews *

Acid-Base Catalysis II. Edited by H. Hattori (Hokkaido University, Japan), M. Misono (University of Tokyo, Japan), and Y. Ono (Tokyo Institute of Technology, Japan). Elsevier: Amsterdam, 1994. xxvi + 557 pp. \$328.50. ISBN 0-444-98655-3.

Proceedings of the International Symposium on Acid-Base Catalysis II, Sapporo, Japan, December 2–4, 1993. Solid acid catalysts are already being used in various processes in petroleum refining and are presently being studied intensively in both academic and applied fields for usage in a variety of reactions. Solid base catalysts are also gaining increasing recognition as potential catalysts. Both acidic and basic catalysts are promising not only with respect to acid- and base-catalyzed reactions but also in materials sciences, such as the production of adsorbents, sensors, ceramics, etc. The present volume contains the text of 21 invited oral presentations and 58 poster presentations. The material covers a wide range of aspects on acid–base catalysis, from quantum chemistry to industrialized processes.

JA955212O

Structure and Flow in Surfactant Solutions. Edited by Craig A. Herb (Helene Curtis, Inc.) and Robert K. Prud'homme (Princeton University). American Chemical Society: Washington, DC, 1994. xii + 410 pp. \$99.95. ISBN 0-8412-3054-4.

ACS Symposium Series No. 578. Developed from a symposium sponsored by the Division of Colloid and Surface Chemistry at the 206th National Meeting of the American Chemical Society, Chicago, IL, August 22–27, 1993.

JA9552609

Polymeric Materials for Microelectronic Applications—Science and Technology. Edited by Hiroshi Ito (IBM Corporation), Seiichi Tagawa (Osaka University), and Kazuyuki Horie (University of Tokyo). American Chemical Society: Washington, DC, 1994. ix + 468 pp. \$109.95. ISBN 0-8412-3055-2.

ACS Symposium Series No. 579. Developed from a symposium sponsored by the Polymers for Microelectronics and Photonics Group of the Society of Polymer Science, Japan, and the Division of Polymeric Materials: Science and Engineering, Inc., of the American Chemical Society, at the Polymers for Microelectronics 1993 Meeting, Kawasaki, Japan, November 15–19, 1993.

JA955259+

Polymers from Agricultural Coproducts. Edited by Marshall L. Fishman (Agricultural Research Service, U.S. Department of Agriculture), Robert B. Friedman (American Maize-Products Company), and Samuel J. Huang (University of Connecticut). American Chemical Society: Washington, DC, 1994. viii + 247 pp. \$69.95. ISBN 0-8412-3041-2.

ACS Symposium Series No. 575. Developed from a symposium sponsored by the Division of Agricultural and Food Chemistry at the 206th National Meeting of the American Chemical Society, Chicago, IL, August 22–27, 1993.

JA955264D

Molecular Modeling: From Virtual Tools to Real Problems. Edited by Thomas F. Kumosinski (U.S. Department of Agriculture) and Michael N. Liebman (Amoco Technology Company). American Chemical Society: Washington, DC, 1994. xii + 516 pp. \$119.95. ISBN 0-8412-3042-0.

ACS Symposium Series No. 576. Developed from a symposium sponsored by the Division of Agricultural and Food Chemistry at the

205th National Meeting of the American Chemical Society, Denver, CO, March 28–April 2, 1993.

JA955263L

Inorganic and Organometallic Polymers II: Advanced Materials and Intermediates. Edited by Patty Wisian-Neilson (Southern Methodist University), Harry R. Allcock (Pennsylvania State University), and Kenneth J. Wynne (Office of Naval Research). American Chemical Society: Washington, DC, 1994. xiii + 536 pp. \$129.95. ISBN 0-8412-3036-6.

ACS Symposium Series No. 572. Developed from a symposium sponsored by the Division of Polymer Chemistry, Inc., at the 205th National Meeting of the American Chemical Society, Denver, CO, March 28–April 2, 1993.

JA955267Q

Hyphenated Techniques in Polymer Characterization: Thermal-Spectroscopic and Other Methods. Edited by Theodore Provder (The Glidden Company), Marek W. Urban (North Dakota State University), and Howard G. Barth (DuPont). American Chemical Society: Washington, DC, 1994. x + 189 pp. \$54.95. ISBN 0-8412-3057-9.

ACS Symposium Series No. 581. Developed from a symposium sponsored by the Division of Polymeric Materials: Science and Engineering and the Division of Analytical Chemistry at the 206th National Meeting of the American Chemical Society, Chicago, IL, August 22–27, 1993.

JA9552611

Fluid Catalytic Cracking III—Materials and Processes. Edited by Mario L. Occelli (Georgia Institute of Technology) and Paul O'Connor (Akzo Nobel Chemicals). American Chemical Society: Washington, DC, 1994. xi + 386 pp. \$99.95. ISBN 0-8412-2996-1.

ACS Symposium Series No. 571. Developed from a symposium sponsored by the Division of Petroleum Chemistry, Inc., at the 206th National Meeting of the American Chemical Society, Chicago, IL, August 22–27, 1993.

JA955268I

Carbohydrate Modifications in Antisense Research. Edited by Yogesh S. Sanghvi and P. Dan Cook (Isis Pharmaceuticals). American Chemical Society: Washington, DC, 1995. viii + 232 pp. \$69.96. ISBN 0-8412-3056-0.

ACS Symposium Series No. 580. Developed from a symposium sponsored by the Division of Carbohydrate Chemistry at the 207th National Meeting of the American Chemical Society, San Diego, CA, March 13–17, 1994.

JA955262T

Anthracycline Antibiotics—New Analogues, Methods of Delivery, and Mechanisms of Actions. Edited by Waldemar Priebe (University of Texas, M. D. Anderson Cancer Center). American Chemical Society: Washington, DC, 1994. xi + 332 pp. \$99.95. ISBN 0-8412-3040-4.

ACS Symposium Series No. 574. Developed from a symposium sponsored by the Division of Carbohydrate Chemistry at the 205th National Meeting of the American Chemical Society, Denver, CO, March 28–April 2, 1993.

JA9552656

*Unsigned book reviews are by the Book Review Editor.