

Dionex Model 10; 12 chapters report work done with the Dionex Model 12 (one instrument is unidentified) and three chapters do not mention the type of instrument. The papers document applications of IC to a wide range of matrices. Examples are: combustion products, ambient air, rain water, river water, soil extracts, and industrial process environments. Generally the analyses are successful and the author provides sufficient detail about techniques developed or modifications used to enlighten the reader. The credibility of IC is demonstrated by corroborating referee analyses. Advancing growth of IC is evidenced in the book by three levels of activity: (a) application of IC to "new" ions and matrices; (b) Multi-ion, wide spectrum rapid proximate analyses; and (c) acceptance of IC as the method of choice. It is a summation of the state-of-the-art and a collection of procedures. The book is recommended for chemists in supervisory capacities because it presents an awareness of the potential for IC, and for the bench chemist because of the helpful, wide spectrum adaptations presented.

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## New publications

**Advances in Environmental Science and Engineering**, Vol. 3, edited by J.R. Pfafflin and E.N. Ziegler, 1980, 224 pp., \$59, Gordon and Breach Publishers, Inc., One Park Ave., New York, NY 10016.

**Food, Ecology and Culture: Readings in the Anthropology of Dietary Practices**, edited by J.R.K. Robson, 1980, 143 pp., \$27.50, Gordon and Breach Publishers, Inc., One Park Ave., New York, NY 10016.

**Food Engineering: Principles and Selected Applications**, by M. Loncin and R.L. Merson, 1979, 494 pp., \$47, Academic Press, Inc., 111 Fifth Ave., New York, NY 10003.

**World Soybean Research Conference II: Abstracts**, edited by F.T. Corbin, 1980, 124 pp., \$16. Contains summaries of more than 200 papers presented at the World Soybean Research Conference II, held March 26-29, 1979, at North Carolina State University, Raleigh, North Carolina. Westview Press, Customer Service Dept., 5500 Central Ave., Boulder, CO 80301.

**World Soybean Research Conference II: Proceedings**, edited by F.T. Corbin, 1980, 897 pp., \$38.50. Contains 74 of the papers presented at the World Soybean Research Conference II, held March 26-29, 1979, at North Carolina State University, Raleigh, North Carolina. Westview Press, Customer Service Dept., 5500 Central Ave., Boulder, CO 80301.

**Advances in Nutritional Research**, Vol. 2, by H.H. Draper, 1980, 250 pp., \$27.50, Plenum Publishing Corp., 227 W. 17th St., New York, NY 10011.

**Human Nutrition: A Comprehensive Treatise**, Vols. 1, 2, 3A, 3B and 4, edited by R.B. Alfin-Slater and D. Kritchev-

sky, 1980, 2,640 pp., priced at \$39.50, \$37.50, \$25.00, \$39.50 and \$37.50, respectively, Plenum Publishing Corp., 227 W. 17th St., New York, NY 10011.

**Advances in Cereal Science and Technology**, Vol. 3, edited by Y. Pomeranz, 1980, 348 pp., \$32.50, American Association of Cereal Chemists, Inc., 3340 Pilot Knob Rd., St. Paul, MN 55121.

**Advances in Chromatography**, Vol. 18, edited by J.C. Giddings, E. Grushka, J. Cazes and P.R. Brown, 1980, 312 pp., \$38.50, Marcel Dekker, Inc., 270 Madison Ave., New York, NY 10016.

**Biochemical Applications of Mass Spectrometry**, first supplementary volume, edited by G.R. Waller and O.C. Dermer, 1980, 1,279 pp., \$150.00, John Wiley and Sons, One Wiley, Dr., Somerset, NJ 08873.

**Coconut Aqueous Processing**, by Robert D. Hagenmaier, 1980, 213 pp., \$12.50 hard bound, \$8.75 soft cover, San Carlos Publications, University of San Carlos, Cebu City, Philippines. Second edition of work first published in 1977 by same publisher.

**Soy Oil As Diesel Fuel: Economic and Technical Perspectives**, by David R. Erickson and Parry Dixon, American Soybean Association, PO Box 27300, St. Louis, MO 63141. A four-page pamphlet on the potential use of soybean oil as a diesel fuel. General conclusions: soy oil can be used as a fuel, but long-term effects on engines are unknown; soy oil is presently more expensive than diesel fuel; and commercial use of soy oil as a fuel will raise the price of soy oil.

**Publications of the National Bureau of Standards**, SP 305/Supplement 11, 1980, 615 pp., \$11, Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Order stock #003-003-02194-6. Catalog describes and annotates some 1,000 papers concerning the research and technical services of NBS.

**Advances in Cereal Science & Technology**, Vol. 3, edited by Y. Pomeranz, 1980, 348 pp., \$32.50, American Association of Cereal Chemists, Inc., 3340 Pilot Knob Road, St. Paul, MN 55121.

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