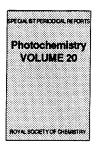
## Journal of Chemical Research, Issue 2, 1990

Other papers in the subject areas covered by *J. Chem. Soc.* are published in synopsis/microform format in *J. Chem. Research.* For the benefit of readers of *J. Chem. Soc.*, the contents list of *J. Chem. Research (S)*, Issue 2, is reproduced below.

- 39 The Preparation of Alkyl Iodides from Alkyl Chlorides and Bromides using Potassium Iodide Supported on Alumina James H. (--) Clark and Craig W. Jones
- 40 Formyl Cyanide. Synthesis by Retro-ene Cleavage of Allyloxyacetonitrile and Spectroscopic Properties **Yolande Vallée, Jean**-(*M* 0401) **Louis Ripoll, Sylvie Lacombe,** and **Geneviève Pfister-Guillouzo**
- 42 AM1 Studies on the Gas-phase Pyrolysis of Phenyl Acetate
- (M0413) Ikchoon Lee, Chan Kyung Kim, and Bon-Su Lee
- 44 The Synthesis and Chemistry of Azolenines. Part 17. The Preparation and the Crystal and Molecular Structure of 3-Methyl-2,5-(*M* 0428) diphenyl-3*H*-pyrrole-3-carbonitrile **Pak-kan Chiu, Ting-Fong Lai,** and **Michael P. Sammes**
- 46 Rearrangement of Ketones. Part 4. Aluminium Chloride Catalysed Rearrangement of Some 2,2-Dialkyl-1-phenylpropan-1-ones (*M* 0440) **Maria C. Fernandez-Monreal** and **Maria P. Ruiz**
- 48 Studies in the Synthesis of Brevianamides A and B: Pilot Investigations, and the Preparation of 1,1-Dimethyl-1,2,4,9-tetrahydro-(*M* 0528) carbazol-3-one **Robert Ritchie** and **J. Edwin Saxton**
- 50 Synthesis and Absorption Spectra of Near-infrared-absorbing Polymethine 1-Benzothiopyrylium Dyes Shigeru Watanabe, (*M* 0546) Hiroyuki Nakazumi, Seiji Kado, Katsumi Maeda, and Teijiro Kitao
- 52 Salt, Solvent, and Temperature Effects on Alkaline Hydrolysis of *N*-Hydroxyphthalimide (NHPH) **Mohammad Niyaz Khan**, (*M* 0473) **Mohammad Tukur Abdullahi**, and **Ya'u Mohammad**
- 54 Hydrogen-bonded Complexes between Isoquinoline and Halogenoacetic Acids. Proton Transfer, Solvent, and Stoicheiometry (*M* 0501) Effects **Barbara Nowak-Wydra** and **Miroslaw Szafran** 
  - 56 A Convenient One-pot Preparation of *Te*-Alkyl Tellurocarboxylates *via* the Successive Acylation and Alkylation of Telluride (--) Anion. Application to the Synthesis of Alkyl Telluroimidates **Hitomi Suzuki, Tokuo Inamasu, Takuji Ogawa,** and **Hiroyuki Tani**
  - 58 Methoxyethoxymethyl, t-Butoxymethyl, and Benzyloxymethyl Substituents as 1-Protecting Groups against Organolithium (--) Reagents in the Syntheses of Imidazoles Raphael I. Ngochindo
  - 60 Oxidative Behaviour of Glucose-6-phosphate and Glucose-1-phosphate in the Presence of Cerium(IV) in Sulphuric Acid Medium (--) Kalyan Kali Sen Gupta, Shipra Sen Gupta, Subrata Kumar Mandal, and Ambikesh Mahapatra
  - 62 Synthetic Methods for Benzo-crown Ethers
  - (-) Santiago V. Luis, M. Isabel Burguete, and Rosa V. Salvador
  - 64 Attempts to prepare Indolizine-Chromium Carbonyl and -Molybdenum Carbonyl π-Complexes and an Explanation for their (--) Failure John Parrick, Harshad K. Rami, and Eric L. Short
  - 66 Facile Aerial Oxidation of a Porphyrin. Part 7. Effect of Solvent on the Aerial Oxidation of *meso*-Tetrakis(3,5-di-t-butyl-4-hydroxy (--) phenyl)porphyrin and Some Metal Complexes Lionel R. Milgrom and Christine Palmer
  - 68 Quantitation of Cross-Linking in Alkoxysilane Coatings
  - (--) Nigel J. Clayden and Peter Palasz
  - 70 Condensation Reactions between Aromatic Aldehydes and 2-Amino- or 2-Hydroxy-thiazole Derivatives
  - (—) Luciano Forlani

*N.B.* The numbers in parentheses, prefaced by *M*, indicate the first frame occupied by the *full-text version* of the paper in *J. Chem. Research (M).* Where no such number is given, the paper as published in *J. Chem. Research (S)* is complete in itself, and there is no extra material in Part *M.* 

# ROYAL SOCIETY OF CHEMISTRY



## Photochemistry VOLUME 20

Senior Reporters: D. Bryce-Smith and A. Gilbert, *University of Reading* Specialist Periodical Reports

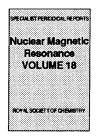
### **Description and Contents:**

*Photochemistry Vol. 20* provides a review of the Literature published between July 1987 and June 1988.

#### **Brief Contents:**

Part I Physical Aspects of Photochemistry; Part II Photochemistry of Inorganic and Organometallic Compounds; The Photochemistry of Transition-metal Complexes; The Photochemistry of Transition-metal Organometallic Compounds; The Photochemistry of Compounds of the Main Group Elements; Part III Organic Aspects of Photochemistry; Photolysis of Carbonyl Compounds; Enone Cycloadditions and Rearrangements: Photoreactions of Dienones and Quinones; Photochemistry of Alkenes, Alkynes, and Related Compounds; Photochemistry of Aromatic Compounds; Photoreduction and -oxidation; Photoreactions of Compounds containing Heteroatoms other than Oxygen; Photoelimination; Part IV Polymer Photochemistry.

ISBN 0 85186 185 7 July 1989 Hardcover, 540 pages Price £120.00 (\$240.00)



## NUCLEAR MAGNETIC RESONANCE VOLUME 18

Senior Reporter: G.A. Webb, *University of Surrey* Specialist Periodical Reports

## **Description and Contents**

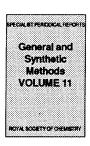
Nuclear Magnetic Resonance Vol. 18 reviews the literature published between June 1987 and May 1988.

## **Brief Contents:**

Theoretical and Physical Aspects of Nuclear Shielding; Applications of Nuclear Shielding; Theoretical Aspects of Spin-Spin Couplings; Applications of Spin-Spin Couplings; Nuclear Spin Relaxation in Liquids and Gases; Solid State N.M.R.; Multiple Pulse N.M.R.; Natural Macromolecules; Synthetic Macromolecules; Conformational Analysis; Nuclear Magnetic Resonance of Living Systems; N.M.R. of Paramagnetic Species; N.M.R. of Liquid Crystal and Micellar Solutions; Author Index.

ISBN 0 85186 412 0 April 1989

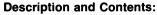
April 1989 Hardcover, 532 pages Price £110.00 (\$232.00)



# GENERAL AND SYNTHETIC METHODS



Senior Reporter: G. Pattenden, *University of Nottingham* Specialist Periodical Reports



General and Synthetic Methods Vol. 11 provides a review of the Literature published in 1986.

## **Brief Contents:**

Saturated and Unsaturated Hydrocarbons; Aldehydes and Ketones; Carboxylic Acids and Derivatives; Alcohols, Halogeno Compounds, and Ethers; Amines, Nitriles, and other Nitrogen-containing Functional Groups; Organometallics in Synthesis; Saturated Carbocyclic Ring Synthesis; Saturated Heterocyclic Ring Synthesis; Highlights in Total Synthesis of Natural Products; Author Index.

ISBN 0 85186 924 6 Oct 1989 Hardcover, 700 pages Price £130.00 (\$260.00)



SOCIETY OF CHEMISTRY

Information Services For further information, please write to: Royal Society of Chemistry, Sales and Promotion department, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF. U.K. To Order, please write to: Royal Society of Chemistry, Distribution Centre, Blackhorse Road, Letchworth, Herts SG6 1HN. U.K. or telephone (0462) 672555 quoting your credit card details. We can now accept Access/Visa/ MasterCard/Eurocard. RSC Members should order from: The Membership Manager, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF. U.K.