

# Journal of Chemical Research

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 8, is reproduced below.

- 347 The Synthesis of Hibiscoquinone C  
(M 2001) Roy M. Letcher and Chi-Fai Lee
- 348 Asymmetric 1,3-Dipolar Cycloadditions of Nitrile Oxides and Nitrones with Fluorosubstituted Chiral Vinyl Sulfoxides  
(M 1901) Pierfrancesco Bravo, Luca Bruché, Marcello Crucianelli, Alessandra Farina, Stefano Valdo Meille, Annamaria Merli and Paolo Seresini
- 350 Nitrenium Ions. Part 2. Acid-catalysed Reactions of Indole with Nitrosobenzenes. Crystal Structure of 2-(Indol-3-yl)-3-phenylimino-3*H*-indole  
(M 1924) Patricia Carloni, Lucedio Greci, Marco Iacussi, Monica Rossetti Pierluigi Stipa, Corrado Rizzoli and Paolo Sgarabotto
- 352 Axially Dissymmetric Chiral (Diamine)copper- and (Diimine)copper-catalysed Asymmetric Aziridination of Alkenes  
(M 1946) Min Shi, Nobuhiro Itoh and Yukio Masaki
- 354 A Convenient Synthesis of Thiazolopyrimidines, Thiazolodipyrimidines and Heterocyclothiazolopyrimidines  
(M 1956) M. A. F. Sharaf, F. A. Abdel Aal, A. M. Abdel Fattah and A. M. R. Abdel Khalik
- 356  $\beta$ -Enaminonitriles in Heterocyclic Synthesis: a Novel One-pot Synthesis of Thiophenes and their Fused Derivatives  
(M 1970) Sherif M. Sherif, Wagnat W. Wardakhan and Rafat M. Mohareb
- 358 Synthesis and Decomposition of Dichloroiodoarenes. An Improved Low Temperature X-ray Structure of Dichloroiodobenzene and the Structure of 1-Chloro-2,3,5,6-tetrakis(chloromethyl)-4-methylbenzene  
(M 2031) Joseph V. Carey, Penny A. Chaloner, Peter B. Hitchcock, Torsten Neugebauer and Kenneth R. Seddon
- 360 Natural Products Related to Phenalenone. Part 10. Preparation of 1,2-Diacetoxy-3-(2-methoxy-1,1-dimethylpropyl)naphthalene and 3,4-Diacetoxy-5,6,7-trimethoxy-2-(2-methoxy-1,1-dimethylpropyl)naphthalene  
(M 2055) George A. Morrison and Paul A. Bradley
- 362 Preparation of Di-, Tetra-, Hexa- and Octa-methylidibenzofurans *via* Dilithiation-Oxidative Coupling of Diphenyl Ethers  
(M 2016) Finn Radner and Lennart Ebersson
- 364 The  $^{17}\text{O}$  and  $^1\text{H}$  Chemical Shifts in Aqueous Solutions of Mineral Acids  
(M 2101) Vahur Mäemets and Ilmar Koppel
- 366 Synthesis of Carbamate-protected Spermidine Homologues through Alkane- $\alpha,\omega$ -diamines  
(M 2143) M. João S. M. P. Araújo, Ulf Ragnarsson, M. Joaquina S. A. Amaral Trigo and M. Lurdes S. Almeida
- 368 Transformation of 3-Isopropenylazetidion-2-ones to 3-[1-(Hydroxymethyl)ethylidene]azetidion-2-ones  
(M 2162) Aisling C. O'Leary, Anthony D. Neary, Caroline M. Waldron and Mary J. Meegan
- 370 Kinetics and Mechanism of the Oxidation of Organic Sulfides by Pyridinium Hydrobromide Perbromide  
(M 2201) Vijay K. Vyas, Neeta Jalani, Seema Kothari and Kalyan K. Banerji
- 372 Synthesis of (+)-(*S*)-(*E*)- $\gamma$ -Hydroxy- $\alpha,\beta$ -enoates from a Camphor-derived  $\alpha$ -Sulfinyl Acetate Ester  
(M 1984) Christine E. Dixon, Kylie Hellmund and Stephen G. Pyne
- 374 Simple and Condensed  $\beta$ -Lactams. Part 26. Studies into 4-(Pyridyl)azetidion-2-ones  
(M 2221) László Hazai and Mária Kajtár-Peredy
- 375 Benzylic Fragmentation of Adducts Formed from Anthracene Hydride and Benzoyl Compounds: a Non-concerted Process  
(—) Thomas Mall and Helmut Stamm
- 376 Yttrium-based Strong Lewis Acid Catalyst for Silylation of Alcohols with 1,1,1,3,3,3-Hexamethyldisilazane  
(—) Pradeep Kumar, Godwin C. G. Pais and A. Keshavaraja
- 378 Metabolites of Endophytic Fungi of *Taxus brevifolia*: the First Highly Functionalized Humulane of Fungal Origin  
(—) Maurizio Pulici, Fumio Sugawara, Hiroyuki Koshino, Jun Uzawa and Shigeo Yoshida
- 380 Intramolecular Additions of Indole at C-3 to Pyridinium Salts at C-4  
(—) Rodolfo Lavilla, Teresa Gotsens, Josep M. Gavalda, M. Carmen Santano and Joan Bosch
- 382 Vinyltriphenylphosphonium Salt Mediated Preparation of Dialkyl 2*H*-1-Benzopyran-2,3-dicarboxylates. An Efficient One-pot Synthesis of 2*H*-Chromene Derivatives  
(—) Issa Yavari and Ali Ramazani
- 384 A Convenient Synthesis of 5,6-Dihydropyrrolo[2,1-*a*]isoquinolines  
(—) Mohammed Sami Algharib
- 386 An Improved Method for the Synthesis of (2,2':6',2''-Terpyridine)platinum(II) Complexes  
(—) Gordon Lowe and Tirayut Vilaivan
- 388 Chemoselective Heterocyclization of 2-Aryl-3-[3-(2,4-dimethylphenyl)thioureido]-1,3-thiazolidin-4-ones to 5*H*-[1,3]Thiazolo[4,3-*b*]-1,3,4-oxa(thia)diazoles and 1,5-Dihydro[1,3]thiazolo[3,4-*b*]-1,2,4-triazoles  
(—) Rahat H. Khan, Raj K. Mathur and Anil C. Ghosh
- 390 Oxo, Dioxo and Oxoperoxo Complexes of Molybdenum and Tungsten with 2-(2-Hydroxyphenyl)benzimidazole  
(—) Mannar R. Maurya and Suvarna A. Bhakare
- 392 Forbesione, a Modified Xanthone from *Garcinia forbesii*  
(—) Yuan-Wah Leong, Leslie J. Harrison, Graham J. Bennett and Hugh T.-W. Tan
- 394 Highly Stereoselective Synthesis of Alkenes by Use of a Grignard Reagent as a Base  
(—) Yanchang Shen and Jianzhao Yao

*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*.

An  
International  
Journal for  
Busy Chemists

Journal of

CHEMICAL  
RESEARCH

## Journal of Chemical Research is:

**COMPREHENSIVE** – JCR publishes reports of original research in all areas of chemistry

**BRIEF** – JCR appears in two parts; Part S contains synopses of research papers of only one or two pages - brief enough to scan quickly

**DETAILED** – JCR also offers Part M, containing the full texts of research papers given in synopsis in Part S, and is available in microfiche or miniprint format

**UNIQUE** – JCR is the only international chemistry journal in this unique synopsis and microform format

**INTERNATIONAL** – JCR contains topical research from key authors all over the world

### 1996 PRICES (12 ISSUES)

#### PART S (SYNOPSIS) AND PART M (MICROFICHE OR MINIPRINT)

EEA	£403.00
USA	\$764.00
REST OF WORLD	£413.00

EEA - EUROPEAN ECONOMIC AREA

*To order please contact*

The Royal Society of Chemistry,  
Turpin Distribution Services Ltd.,  
Blackhorse Road, Letchworth,  
Herts SG6 1HN,  
United Kingdom.

Tel: +44 (0)1462 672555  
Fax: +44 (0)1462 480947

*For further information  
please contact*

Stella Green,  
The Royal Society of Chemistry,  
Thomas Graham House,  
Science Park, Milton Road,  
Cambridge CB4 4WF,  
United Kingdom.

Tel: +44 (0)1223 420066  
Fax: +44 (0)1223 423429  
E-mail: [sales@rsc.org](mailto:sales@rsc.org)

RSC Members should order through the Membership Administration Department at our Cambridge address.



Société  
Française  
de Chimie



The Royal  
Society of  
Chemistry



Gesellschaft  
Deutscher  
Chemiker

# Essential Reading for all Chemists

# ChemComm

**Chemical Communications**, the Royal Society of Chemistry's flagship journal continues to meet every chemist's need for immediate access to the most important early research results from all around the world ... but now it's **EVEN BETTER!**

## The new-look ChemComm includes:

- New Feature Articles, highlighting the recent work of a leading chemist in every issue
- New board of Associate Editors to obtain the latest and most significant research
- New low price for individual subscribers
- New attractive design, inside and out, making it more readable than ever

### 1996 PRICING

	Institutional Rate	NEW Personal Rate*
EEA	£544.00	£89.00
USA	\$1032.00	\$139.00
Rest of World	£558.00	£89.00

\* Offer available only to individuals working for organisations who already have a full non-members subscription at the same site.

Can you afford *not* to subscribe today?

### To order, please contact:

The Royal Society of Chemistry, Turpin Distribution Services Limited, Blackhorse Road, Letchworth, Herts SG6 1HN, United Kingdom.  
Tel: +44(0)1462 672555. Fax: +44 (0)1462 480947.

**RSC members ordering for personal use are entitled to a discount on most RSC products, and should contact:**

Membership Administration Department,  
The Royal Society of Chemistry,  
Thomas Graham House, Science Park, Milton Road,  
Cambridge CB4 4WF, United Kingdom.  
Tel: +44 (0)1223 420066. Fax: +44 (0)1223 423623.  
E-mail (Internet): rsc1@rsc.org  
www: <http://chemistry.rsc.org/rsc/>

*For further information on RSC products, please contact the Sales and Promotion Department at our Cambridge address.*

The RSC  
working for  
Chemistry



# DON'T WORK SO HARD

**Can't keep up with your reading?**

Let **Annual Reports in the Progress of Chemistry** guide you to the latest advances in chemical research. Part B is specifically devoted to the needs of organic chemists.

## Annual Reports Part B covers:

- ❖ exciting advances in all areas of organic chemistry
- ❖ major developments in synthesis
- ❖ bio-organic chemistry
- ❖ reaction mechanisms
- ❖ theoretical organic chemistry
- ❖ crucial background reading for research and teaching

### VOLUME 91 PRICES

Part B: Organic Chemistry

EEA	£99.00
USA	\$182.00
Rest of World	£104.00

Volume 92 of Annual Reports will be published in September 1996.

**Subscribe to Annual  
Reports Part B now,  
and create time  
for yourself.**

**To order please contact:**

The Royal Society of Chemistry  
Turpin Distribution Services Ltd  
Blackhorse Road, Letchworth  
Herts SG6 1HN, United Kingdom

Tel: +44 (0)1462 672555

Fax: +44 (0)1462 480947

**For further information please contact:**

Stella Green  
The Royal Society of Chemistry  
Thomas Graham House,  
Science Park, Milton Road,  
Cambridge CB4 4WF, United Kingdom

Tel: +44 (0)1223 420066 Fax: +44 (0)1223 423429

E-mail: [sales@rsc.org](mailto:sales@rsc.org) WWW: <http://chemistry.rsc.org/rsc/>

RSC Members should order through the  
Membership Administration Department at our Cambridge address.