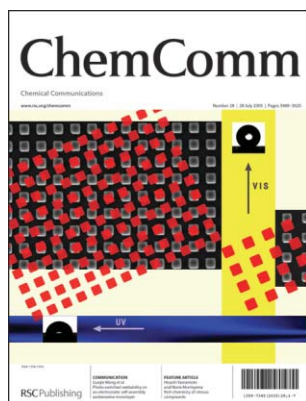


IN THIS ISSUE

ISSN 1359-7345 CODEN CHCOFS (28) 3489–3620 (2005)



Cover
See Guojie Wang *et al.*, page 3550.
Photo-switched wettability on an electrostatic self-assembly azobenzene monolayer: superhydrophobicity and a large reversible contact angle change were realised on the photo-switched monolayer. Image reproduced by permission of Wuhui Jiang, Guojie Wang, Yaning He, Xiaogong Wang, Yonglin An, Yanlin Song and Lei Jiang, from *Chem. Commun.*, 2005, 3550–3552.



Inside cover
See Chi-Ming Che *et al.*, page 3544.
Oxovanadium(IV) porphyrins, which demonstrate excellent solution stability, exhibit potent anti-HIV activities and low cytotoxicity. Image reproduced by permission of Suk-Yu Wong, Raymond Wai-Yin Sun, Nancy P.-Y. Chung, Chen-Lung Lin and Chi-Ming Che, from *Chem. Commun.*, 2005, 3544–3546.

EDITORIAL

3507

Chemical Science in China

Articles from China are showcased across RSC journals this month, in recognition of the growing importance of Chinese research in the Chemical Sciences.

Chinese
Science

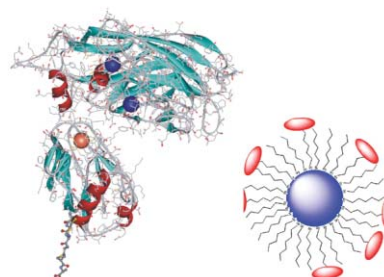
40TH ANNIVERSARY ARTICLE

3509

Interfacial sensing: surface assembled molecular receptors

Jason J. Davis

In wiring natural enzymes to electrode surfaces through metalloprotein partners or the assembly of receptor labelled, plasmon-active nanoparticles, highly-specific sensory interfaces can be developed.



Optical / Electroanalytical Transducer

EDITORIAL STAFF

Editor

Sarah Thomas

Deputy editor

Sula Armstrong

Assistant editors

Lorna Jack, Nicola Nugent, Alison Stoddart,
Katherine Vickers

Publishing assistants

Jayne Drake, Jayne Gough, Lois Kershaw

Crystallographic data editor

Kirsty Anderson

Team leader, serials production

Helen Saxton

Technical editors

Celia Clarke, Sandra Jones, Caroline Moore,
David Parker, Michael Smith, Ken Wilkinson

Administration coordinator

Sonya Spring

Editorial secretaries

Lynne Braybrook, Rebecca Gotobed, Julie Thompson

Publisher

Adrian Kybett

Chemical Communications (print: ISSN 1359-7345; electronic: ISSN 1364-548X) is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF. All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to RSC Distribution Services, c/o Portland Customer Services, Commerce Way, Colchester, Essex, UK CO2 8HP. Tel +44 (0)1206 226050; E-mail sales@rscdistribution.org

2005 Annual (print + electronic) subscription price: £1595; US\$2635. 2005 Annual (electronic) subscription price: £1435; US\$2370. Customers in Canada will be subject to a surcharge to cover GST. Customers in the EU subscribing to the electronic version only will be charged VAT. If you take an institutional subscription to any RSC journal you are entitled to free, site-wide web access to that journal. You can arrange access via Internet Protocol (IP) address at www.rsc.org/ip. Customers should make payments by cheque in sterling payable on a UK clearing bank or in US dollars payable on a US clearing bank. Periodicals postage paid at Rahway, NJ, USA and at additional mailing offices. Airfreight and mailing in the USA by Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA. US Postmaster: send address changes to Chemical Communications, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001. All despatches outside the UK by Consolidated Airfreight.
PRINTED IN THE UK

© The Royal Society of Chemistry, 2005. Apart from fair dealing for the purposes of research or private study for non-commercial purposes, or criticism or review, as permitted under the Copyright, Designs and Patents Act 1988 and the Copyright and Related Rights Regulations 2003, this publication may only be reproduced, stored or transmitted, in any form or by any means, with the prior permission in writing of the Publisher or in the case of reprographic reproduction in accordance with the terms of licences issued by the Copyright Licensing Agency in the UK. US copyright law is applicable to users in the USA. The Royal Society of Chemistry takes reasonable care in the preparation of this publication but does not accept liability for the consequences of any errors or omissions. Inclusion of an item in this publication does not imply endorsement by The Royal Society of Chemistry of the content of the original documents to which that item refers.

ChemComm

Chemical Communications

www.rsc.org/chemcomm

EDITORIAL BOARD

Chairman

Roeland J. M. Nolte, Nijmegen, The Netherlands
nolte@sci.kun.nl

Jerry L. Atwood, Columbia, USA
rsc.chemcomm@missouri.edu

Shankar Balasubramanian, Cambridge, UK
sb10031@cam.ac.uk

Hans-Ulrich Blaser, Solvias AG, Switzerland
hans-ulrich.blaser@SOLVIAS.com

P. Andrew Evans, Bloomington, USA
chemcomm@indiana.edu

Makoto Fujita, Tokyo, Japan
mfujita@appchem.tu-tokyo.ac.jp

Alois Fürstner, Mülheim, Germany
fuerstner@mpi-muelheim.mpg.de

David Haddleton, Warwick, UK
D.M.Haddleton@warwick.ac.uk

Donald Hilvert, Zurich, Switzerland
hilvert@org.chem.ethz.ch

Mir Wais Hosseini, Strasbourg, France
hosseini@chimie.u-strasbg.fr

Barbara Imperiali, Cambridge, USA
chemcomm@mit.edu

Dermot O'Hare, Oxford, UK
chemcomm@chem.ox.ac.uk

Colin Raston, Perth, Australia
clrastron@chem.uwa.edu.au

Ferdi Schüth, Mülheim, Germany
schueth@mpi-muelheim.mpg.de

T. Don Tilley, Berkeley, USA
chemcomm@berkeley.edu

ASSOCIATE EDITORS

Submissions should be sent *via* ReSource:

<http://www.rsc.org/resource>

Manuscripts from North America should be submitted to the appropriate Associate Editor.

Supramolecular

Jerry L. Atwood

Organic

P. Andrew Evans

Chemical biology

Barbara Imperiali

Inorganic, Organometallic and Materials

T. Don Tilley

Submissions from other regions should be submitted to the Editor *via* ReSource at <http://www.rsc.org/resource>. For information on how to submit your manuscript see <http://www.rsc.org/authors>

SCIENTIFIC EDITORS

The Scientific Editors welcome enquiries from potential authors regarding the submission and scientific content of papers. For more information please see <http://www.rsc.org/authors>

Dermot O'Hare

Donald Hilvert

Mir Wais Hosseini

Alois Fürstner

EDITORIAL ADVISORY BOARD

Varinder Aggarwal, Bristol, UK

Takuzo Aida, Tokyo, Japan

Frank Allen, CCDC, Cambridge, UK

Dario Braga, Bologna, Italy

Jillian M. Buriak, Alberta, Canada

Derrick Clive, Alberta, Canada

Marcetta Darensbourg, College Station, USA

Gregory C. Fu, Cambridge, USA

Tohru Fukuyama, Tokyo, Japan

Lutz Gade, Heidelberg, Germany

Philip Gale, Southampton, UK

George W. Gokel, St Louis, USA

Craig Hawker, Santa Barbara, USA

Andrew B. Holmes, Melbourne, Australia

Amir Hoveyda, Boston, USA

Kazuyuki Kuroda, Tokyo, Japan

Jérôme Lacour, Geneva, Switzerland

David MacMillan, Pasadena, USA

E. W. 'Bert' Meijer, Eindhoven, The Netherlands

Jason Micklefield, Manchester, UK

Achim Müller, Bielefeld, Germany

Catherine Murphy, South Carolina, USA

Atsuhiko Osuka, Kyoto, Japan

Ian Paterson, Cambridge, UK

Maurizio Prato, Trieste, Italy

Christopher A. Reed, Riverside, USA

Robin Rogers, Alabama, USA

Michael Sailor, San Diego, USA

Jonathan Sessler, Austin, USA

Jonathan W. Steed, Durham, UK

Carsten Tschierske, Halle, Germany

Herbert Waldmann, Dortmund, Germany

Henry N. C. Wong, Hong Kong, PR China

Advertisement sales: Tel +44 (0) 1223 432243 Fax +44 (0) 1223 426017; E-mail advertising@rsc.org

☉ The paper used in this publication meets the requirements of ANSI/NISO Z39.48–1992 (Permanence of Paper).

Royal Society of Chemistry: Registered Charity No. 207890.

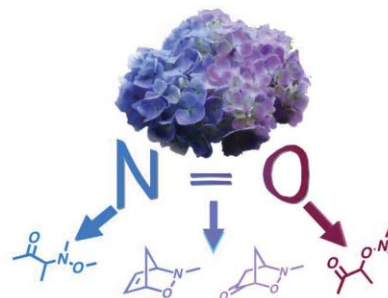
Authors may reproduce/republish portions of their published contribution without seeking permission from the RSC, provided that any such republication is accompanied by an acknowledgement in the form: (Original Citation)–Reproduced by permission of The Royal Society of Chemistry.

3514

Rich chemistry of nitroso compounds

Hisashi Yamamoto* and Norie Momiyama

Nitrosobenzene or nitrosopyridine are found to be attractive electrophiles in catalytic enantioselective carbon–nitrogen and/or carbon–oxygen bond forming reactions.



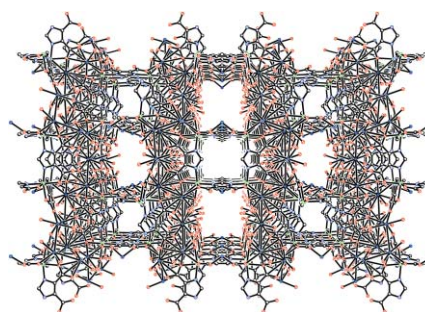
COMMUNICATIONS

3526

Rational assembly of a 3D metal–organic framework for gas adsorption with predesigned cubic building blocks and 1D open channels

Ru-Qiang Zou, Ling Jiang, Hiroshi Senoh, Nobuhiko Takeichi and Qiang Xu*

A novel 3D metal–organic framework with predesigned cubic building blocks and 1D open channels which exhibits significant N₂ adsorption has been synthesized and characterized by single crystal X-ray diffraction analysis. The observations should allow the optimization of rational synthetic routes for the construction of structurally well-defined MOFs.

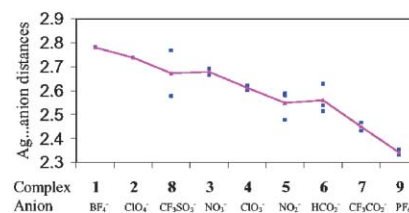


3529

Order of the coordinating ability of polyatomic monoanions established from their interaction with a disilver(I) metallacyclophane skeleton

Xu-Dong Chen and Thomas C. W. Mak*

An ordered sequence of the coordinating ability of a series of polyatomic monoanions has been established on the basis of structural parameters derived from their interaction with a disilver(I) metallacyclophane skeleton in isostructural complexes.

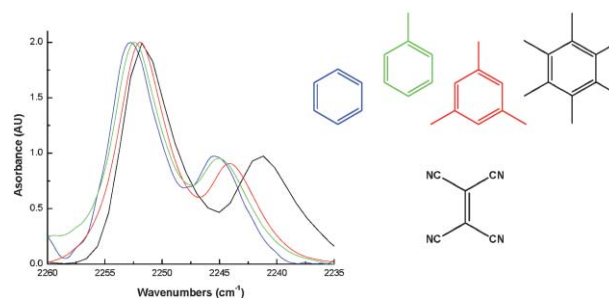


3532

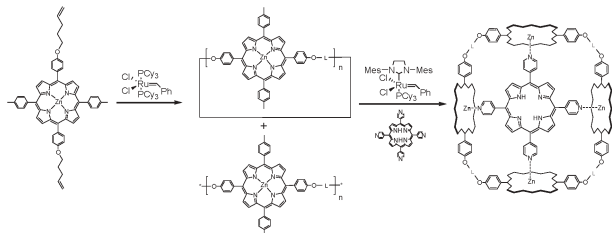
Infrared spectroscopic determination of the degree of charge transfer in complexes of TCNE with methyl-substituted benzenes

John C. Stires, IV, Emily J. McLaurin and Clifford P. Kubiak*

Partial charge donated to tetracyanoethylene (TCNE) by methyl-substituted benzenes in CT complexes useful in molecular electronics is determined by the infrared CN stretching frequency of the CT complex and that of TCNE⁰, TCNE¹⁻ and TCNE²⁻.



3535

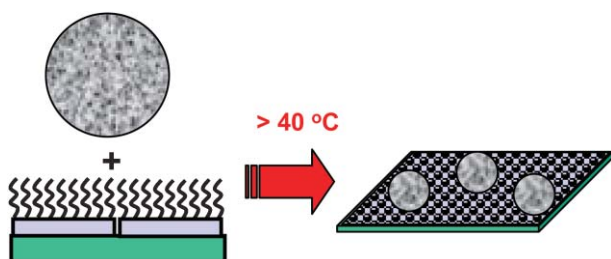


Dynamic combinatorial olefin metathesis: templated synthesis of porphyrin boxes

Paul C. M. van Gerven, Johannes A. A. W. Elemans, Jan W. Gerritsen, Sylvia Speller, Roeland J. M. Nolte* and Alan E. Rowan*

A porphyrin macrocyclic square is efficiently prepared by a dynamic combinatorial approach to olefin metathesis and shown by scanning tunneling microscopy (STM) to self-assemble into highly ordered arrays on a graphite surface.

3538

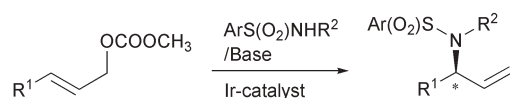


Temperature-triggered capture of dispersed particles using deposited Laponite with grafted poly(*N*-isopropylacrylamide) chains

Jennifer M. Saunders and Brian R. Saunders*

A new method has been developed that enables a conductive surface to be modified so as to capture dispersed particles when the temperature is increased.

3541

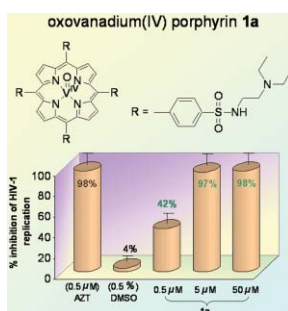


Highly enantioselective iridium-catalysed allylic aminations with anionic *N*-nucleophiles

Robert Weihofen, Axel Dahnz, Olena Tverskoy and Günter Helmchen*

Iridium-catalysed allylic substitutions with anionic *N*-nucleophiles were achieved with regioselectivity of up to 49:1 and enantiomeric excess of up to 98%. Sequential inter- and intramolecular aminations furnished pyrrolidine derivatives with >99% ee.

3544



Physiologically stable vanadium(IV) porphyrins as a new class of anti-HIV agents

Suk-Yu Wong, Raymond Wai-Yin Sun, Nancy P.-Y. Chung, Chen-Lung Lin and Chi-Ming Che*

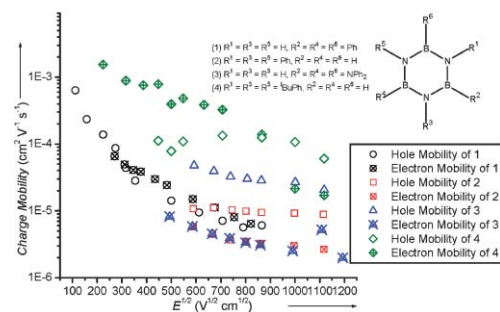
The water soluble oxovanadium(IV) tetraarylporphyrin **1a** has demonstrated excellent solution stability against glutathione reduction and high potency (5 μM, 97% inhibition) in inhibiting HIV-1 replication in Hut/CCR5 cells.

3547

Borazine materials for organic optoelectronic applications

Iona H. T. Sham, Chi-Chung Kwok, Chi-Ming Che* and Nianyong Zhu

Borazine materials have been found to be a new class of multifunctional and thermally stable materials with high electron ($10^{-3} \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$) and moderate hole ($10^{-4} \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$) mobilities for applications in electroluminescent devices.

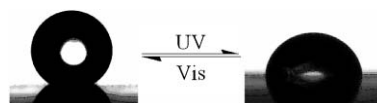


3550

Photo-switched wettability on an electrostatic self-assembly azobenzene monolayer

Wuhui Jiang, Guojie Wang,* Yaning He, Xiaogong Wang, Yonglin An, Yanlin Song and Lei Jiang*

A simple electrostatic self-assembly technique was used to fabricate a photo-switched azobenzene monolayer, on which superhydrophobicity and a large reversible CA change could be realized.

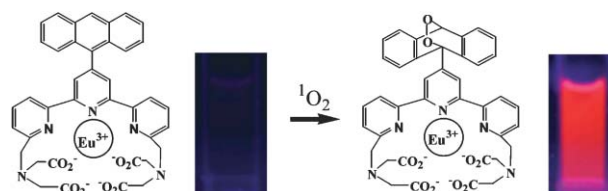


3553

A new europium chelate-based phosphorescence probe specific for singlet oxygen

Bo Song, Guilan Wang and Jingli Yuan*

The first europium chelate-based phosphorescence probe specific for singlet oxygen was synthesized, characterized and used for highly sensitive time-resolved luminescence detection of singlet oxygen.

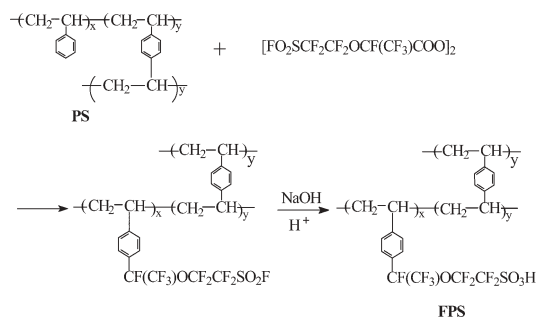


3556

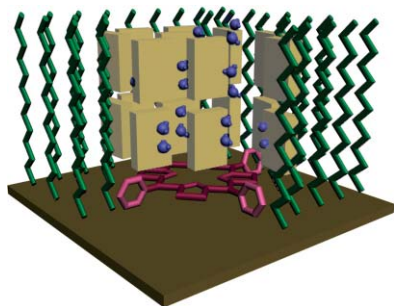
Macrocyclic *p*-(ω -sulfonic-perfluoroalkylated) polystyrene ion-exchange resins: a new type of selective solid acid catalyst

Zhenghuan Lin and Chengxue Zhao*

Macrocyclic *p*-(ω -sulfonic-perfluoroalkylated) polystyrene (FPS) cation-exchange resins have been synthesized based on macroreticular polystyrene (PS), and exhibited higher activity and selectivity than commercial Amberlyst 36 and Nafion NR50 in the cyclization of pseudoionone.



3559



Counting of labelled tyrosine molecules in hydrophobic yoctolitre wells filled with water

Sheshanath Bhosale, Guangtao Li, Fengting Li, Tianyu Wang, Rainer Ludwig, Thomas Emmler, Gerd Buntkowsky and Jürgen-Hinrich Fuhrhop*

Tyrosine, cellobiose, adrenaline and other cyclic edge amphiphiles are irreversibly entrapped in water-filled yoctolitre (10^{-24} L) wells with hydrophobic walls. Solid-state NMR and radioactivity data indicate insoluble, hydrated tyrosine clusters.

3562

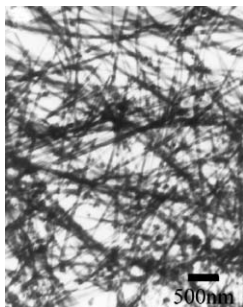


New generation ionic liquids: cations derived from amino acids

Guo-hong Tao, Ling He, Ning Sun and Yuan Kou*

More than one hundred chiral ionic liquids have been readily obtained directly from natural α -amino acids and α -amino acid ester salts *via* very simple preparations.

3565

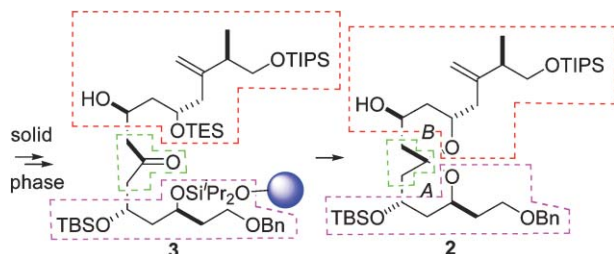


A surfactant-free route to single-crystalline CeO₂ nanowires

Bo Tang,* Linhai Zhuo, Jiechao Ge, Guangli Wang, Zhiqiang Shi and Jinye Niu

CeO₂ single-crystalline nanowires were successfully synthesized using H₂O₂ and Ce(NO₃)₃ as starting materials in a hydrothermal system. H₂O₂ was used as an oxidizer and was also expected to be a template agent in the present experiment.

3568



Towards the combinatorial synthesis of spongistatin fragment libraries by using asymmetric aldol reactions on solid support

Ian Paterson,* Dirk Gottschling and Dirk Menche

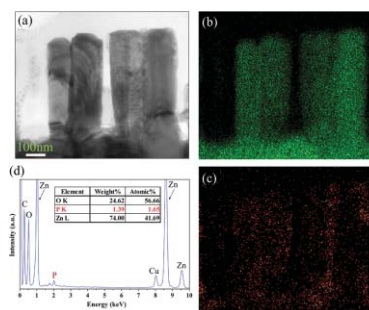
By relying on asymmetric boron-mediated aldol reactions, solid phase methodology for the stereoselective synthesis of highly substituted spiroacetals was developed and applied to the preparation of a complex AB-spiroacetal subunit of the antimitotic agent spongistatin 1 (althohyrin A).

3571

Vertically well aligned P-doped ZnO nanowires synthesized on ZnO–Ga/glass templates

Cheng-Liang Hsu, Shoou-Jinn Chang, Yan-Ru Lin, Song-Yeu Tsai and I-Cherng Chen*

Vertically well aligned P-doped ZnO nanowires were prepared on ZnO–Ga/glass templates at 550 °C by reactive evaporation without metal catalysts.

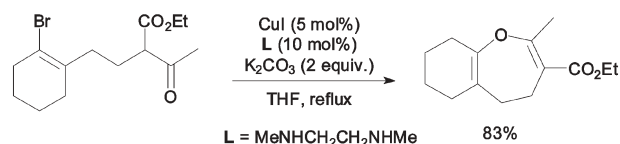


3574

CuI-catalyzed intramolecular *O*-vinylation of carbonyl compounds

Yewen Fang and Chaozhong Li*

The first copper-catalyzed intramolecular *O*-vinylation of carbonyl compounds with vinyl bromides was reported, among which the efficient formation of 5-, 6- and even 7-membered cyclic alkenyl ethers was achieved with β -ketoesters as nucleophiles.

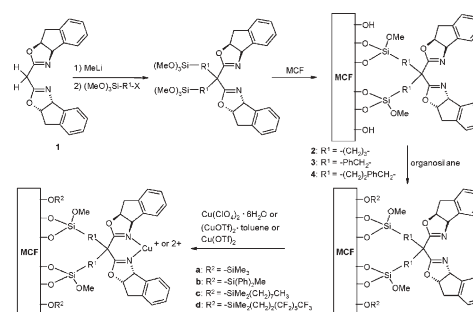


3577

Effect of surface modification on the reactivity of MCF-supported IndaBOX

Thomas M. Lancaster, Su Seong Lee and Jackie Y. Ying*

MCF-immobilized indaBOX–copper complexes, which show high enantioselectivities in asymmetric Diels–Alder and cyclopropanation reactions, were prepared using various linker groups and silanol capping agents.

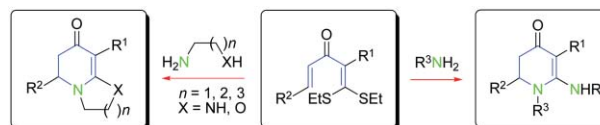


3580

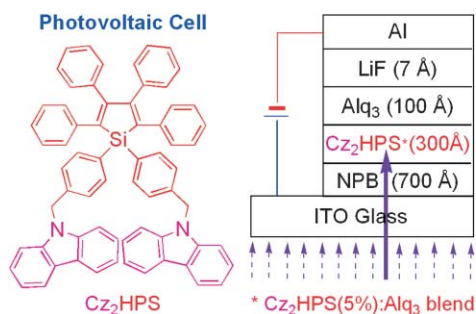
[5C + 1N] Annulation: a novel synthetic strategy for functionalized 2,3-dihydro-4-pyridones

Dewen Dong,* Xihe Bi, Qun Liu* and Fangdi Cong

A novel and facile route to functionalized mono/bicyclic 2,3-dihydro-4-pyridones has been developed *via* formal [5C + 1N] annulation of readily available α -alkenoyl ketene-(*S,S*)-acetals with various aliphatic primary amines.



3583

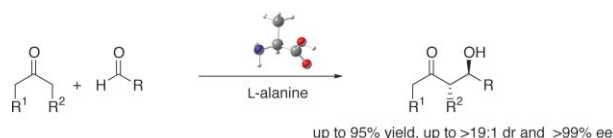


Making silole photovoltaically active by attaching carbazolyl donor groups to the silolyl acceptor core

Baoxiu Mi, Yongqiang Dong, Zhen Li, Jacky W. Y. Lam, Matthias Häußler, Herman H. Y. Sung, Hoi Sing Kwok, Yuping Dong, Ian D. Williams, Yunqi Liu, Yi Luo, Zhigang Shuai, Daoben Zhu and Ben Zhong Tang*

Appending carbazolyl groups to a hexaphenylsilole core yielded thermally and morphologically stable carbazolylsiloles; the silole carrying two carbazolyl peripheral groups (C₂₂HPS) showed photovoltaic activity.

3586

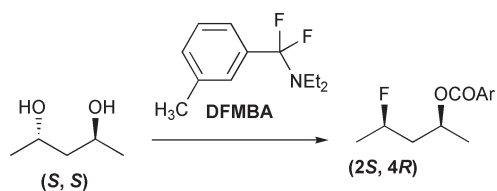


Acyclic amino acid-catalyzed direct asymmetric aldol reactions: alanine, the simplest stereoselective organocatalyst

Armando Córdova,* Weibiao Zou, Ismail Ibrahim, Efraim Reyes, Magnus Engqvist and Wei-Wei Liao

Remarkably, nature's simplest and oldest acyclic chiral amino acids catalyzed the asymmetric intermolecular aldol reaction with stereoselectivities matching aldolase enzymes that have evolved over billions of years.

3589

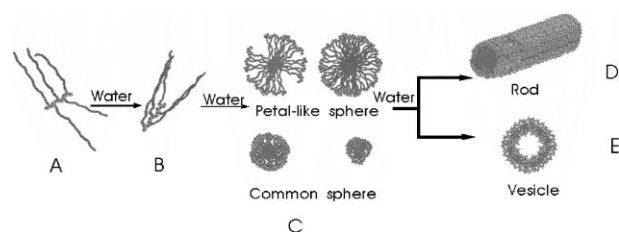


Selective monofluorination of diols using DFMBA

Atsushi Yoneda, Tsuyoshi Fukuhara and Shoji Hara*

Selective monofluorination of 1,2- and 1,3-diols was achieved by reaction with DFMBA.

3591



Multiple morphologies from amphiphilic graft copolymers based on chitoooligosaccharides as backbones and polycaprolactones as branches

Caiqi Wang, Guangtao Li* and Ruirong Guo

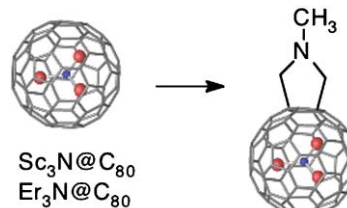
A new route to form multiple morphologies was outlined using amphiphilic graft copolymers with interesting biological and pharmacological properties by proper adjustment of backbone and graft chain length.

3594

Synthesis and characterization of the first trimetallic nitride templated pyrrolidino endohedral metallofullerenes

Ting Cai, Zhongxin Ge, Erick B. Iezzi, Thomas E. Glass, Kim Harich, Harry W. Gibson* and Harry C. Dorn*

Syntheses and characterization of the first TNT endohedral pyrrolidinometallofullerenes *via* 1,3-dipolar cycloaddition of azomethine ylides to both diamagnetic and paramagnetic TNT endohedral metallofullerenes are reported.

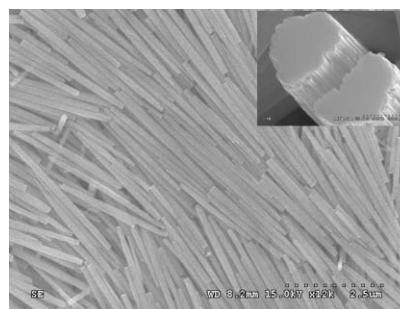


3597

Self-assembly of highly oriented one-dimensional h-WO₃ nanostructures

Zhanjun Gu, Ying Ma, Wensheng Yang, Guangjin Zhang and Jiannian Yao*

Uniform hexagonal WO₃ nanowire bundles have been controllably synthesized under hydrothermal conditions. Each bundle acts as a unit and is composed of large numerous, highly aligned and closely packed nanowires.

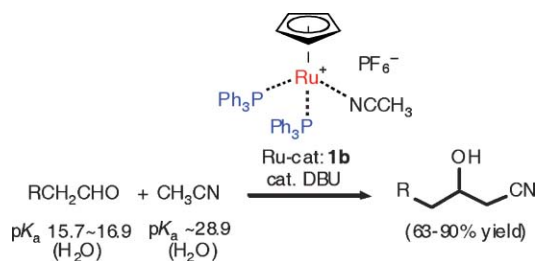


3600

Catalytic chemoselective addition of acetonitrile to enolizable aldehydes with cationic Ru complex/DBU combination

Naoya Kumagai, Shigeki Matsunaga and Masakatsu Shibasaki*

Chemoselective *in situ* nucleophilic activation of acetonitrile in the presence of more acidic α,α -nonsubstituted aldehydes was realized using a diphosphine Ru complex and DBU to afford β -hydroxynitriles in good yield.

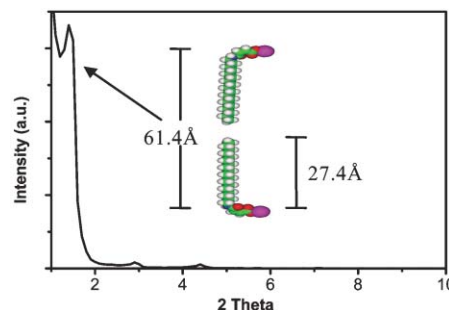


3603

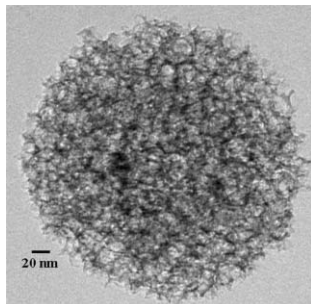
A hydrogelator derived from polymerisable amphiphilic octadecyl maleamic acid and its potential as a reactor in aqueous copolymerisation reactions

L. J. Milton Gaspar and Geetha Baskar*

Octadecyl maleamic acid sodium salt, a polymerisable surfactant, exhibiting hydrogelation phenomenon consisting of lamellar structures performs as a potential reactor in generating copolymers with a narrow distribution of molecular weight and particle size



3606

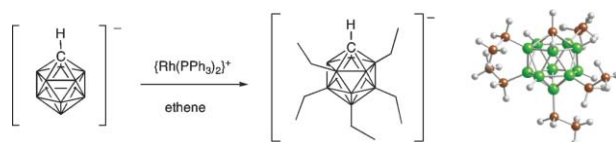


A general approach towards hierarchical porous carbon particles

J. Eric Hampsey, Qingyuan Hu, Lynn Rice, Jiebin Pang, Zhiwang Wu and Yunfeng Lu*

A general aerosol-based approach was explored to synthesize various nanoporous spherical carbon particles from aqueous sucrose solutions containing colloidal silica particles and/or silicate cluster templates.

3609

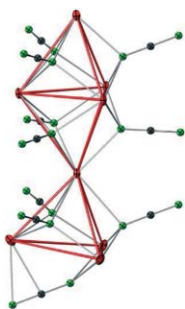


Polyethyl substituted weakly coordinating carborane anions: a sequential dehydrogenative borylation–hydrogenation route

Eduardo Molinos, Gabriele Kociok-Köhn and Andrew S. Weller*

Polyethylated carborane monoanions based on $[closo-CB_{11}H_{12}]^-$ can be prepared by a sequential rhodium catalysed dehydrogenative borylation then hydrogenation.

3612

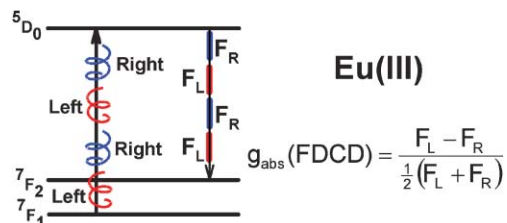


$Eu_8(NCN)_{5-\delta}I_{6+2\delta}$ ($\delta = 0.05$): a novel rare-earth carbodiimide iodide containing oligomeric tritetrahedral Eu_8 clusters

Wuping Liao, Boniface P. T. Fokwa and Richard Dronskowski*

The structure of $Eu_8(NCN)_{4.95}I_{6.10}$ contains Eu_8-NCN^{2-} layers which are bridged by iodide and carbodiimide anions.

3615



The measurement of the fluorescence detected circular dichroism (FDCD) from a chiral Eu(III) system

Gilles Muller, Françoise C. Muller, Christine L. Maupin and James P. Riehl*

Fluorescence detected circular dichroism (FDCD) from $Eu(III)$ in an aqueous solution of $Eu(2,6\text{-pyridine-dicarboxylate})_3^{3-}$ perturbed by the addition of (+)-dimethyltartrate is reported. FDCD results are in agreement with measurements of the CD and circularly polarized luminescence (CPL).


AUTHOR INDEX

- An, Yonglin, 3550
 Baskar, Geetha, 3603
 Bhosale, Sheshanath, 3559
 Bi, Xihe, 3580
 Buntkowsky, Gerd, 3559
 Cai, Ting, 3594
 Chang, Shoou-Jinn, 3571
 Che, Chi-Ming, 3544, 3547
 Chen, I-Cherng, 3571
 Chen, Xu-Dong, 3529
 Chung, Nancy P.-Y., 3544
 Cong, Fangdi, 3580
 Córdova, Armando, 3586
 Dahnz, Axel, 3541
 Davis, Jason J., 3509
 Dong, Dewen, 3580
 Dong, Yongqiang, 3583
 Dong, Yuping, 3583
 Dorn, Harry C., 3594
 Dronskowski, Richard, 3612
 Elemans, Johannes A. A. W., 3535
 Emmler, Thomas, 3559
 Engqvist, Magnus, 3586
 Fang, Yewen, 3574
 Fokwa, Boniface P. T., 3612
 Fuhrhop, Jürgen-Hinrich, 3559
 Fukuhara, Tsuyoshi, 3589
 Gaspar, L. J. Milton, 3603
 Ge, Jiechao, 3565
 Ge, Zhongxin, 3594
 Gerritsen, Jan W., 3535
 Gibson, Harry W., 3594
 Glass, Thomas E., 3594
 Gottschling, Dirk, 3568
 Gu, Zhanjun, 3597
 Guo, Ruirong, 3591
 Hampsey, J. Eric, 3606
 Hara, Shoji, 3589
 Harich, Kim, 3594
 Häubler, Matthias, 3583
 He, Ling, 3562
 He, Yaning, 3550
 Helmchen, Günter, 3541
 Hsu, Cheng-Liang, 3571
 Hu, Qingyuan, 3606
 Ibrahim, Ismail, 3586
 Iezzi, Erick B., 3594
 Jiang, Lei, 3550
 Jiang, Ling, 3526
 Jiang, Wuhui, 3550
 Kociok-Köhn, Gabriele, 3609
 Kou, Yuan, 3562
 Kubiak, Clifford P., 3532
 Kumagai, Naoya, 3600
 Kwok, Chi-Chung, 3547
 Kwok, Hoi Sing, 3583
 Lam, Jacky W. Y., 3583
 Lancaster, Thomas M., 3577
 Lee, Su Seong, 3577
 Li, Chaozhong, 3574
 Li, Fengting, 3559
 Li, Guangtao, 3559, 3591
 Li, Zhen, 3583
 Liao, Wei-Wei, 3586
 Liao, Wuping, 3612
 Lin, Chen-Lung, 3544
 Lin, Yan-Ru, 3571
 Lin, Zhenghuan, 3556
 Liu, Qun, 3580
 Liu, Yunqi, 3583
 Lu, Yunfeng, 3606
 Ludwig, Rainer, 3559
 Luo, Yi, 3583
 Ma, Ying, 3597
 Mak, Thomas C. W., 3529
 Matsunaga, Shigeki, 3600
 Maupin, Christine L., 3615
 McLaurin, Emily J., 3532
 Menche, Dirk, 3568
 Mi, Baoxiu, 3583
 Molinos, Eduardo, 3609
 Momiyama, Norie, 3514
 Muller, Françoise C., 3615
 Muller, Gilles, 3615
 Niu, Jinye, 3565
 Nolte, Roeland J. M., 3535
 Pang, Jiebin, 3606
 Paterson, Ian, 3568
 Reyes, Efraim, 3586
 Rice, Lynn, 3606
 Riehl, James P., 3615
 Rowan, Alan E., 3535
 Saunders, Brian R., 3538
 Saunders, Jennifer M., 3538
 Senoh, Hiroshi, 3526
 Sham, Iona H. T., 3547
 Shi, Zhiqiang, 3565
 Shibasaki, Masakatsu, 3600
 Shuai, Zhigang, 3583
 Song, Bo, 3553
 Song, Yanlin, 3550
 Speller, Sylvia, 3535
 Stires, IV, John C., 3532
 Sun, Ning, 3562
 Sun, Raymond Wai-Yin, 3544
 Sung, Herman H. Y., 3583
 Takeichi, Nobuhiko, 3526
 Tang, Ben Zhong, 3583
 Tang, Bo, 3565
 Tao, Guo-hong, 3562
 Tsai, Song-Yeu, 3571
 Tverskoy, Olena, 3541
 van Gerven, Paul C. M., 3535
 Wang, Caiqi, 3591
 Wang, Guangli, 3565
 Wang, Guilan, 3553
 Wang, Guojie, 3550
 Wang, Tianyu, 3559
 Wang, Xiaogong, 3550
 Weihofen, Robert, 3541
 Weller, Andrew S., 3609
 Williams, Ian D., 3583
 Wong, Suk-Yu, 3544
 Wu, Zhiwang, 3606
 Xu, Qiang, 3526
 Yamamoto, Hisashi, 3514
 Yang, Wensheng, 3597
 Yao, Jiannian, 3597
 Ying, Jackie Y., 3577
 Yoneda, Atsushi, 3589
 Yuan, Jingli, 3553
 Zhang, Guangjin, 3597
 Zhao, Chengxue, 3556
 Zhu, Daoben, 3583
 Zhu, Nianying, 3547
 Zhuo, Linhai, 3565
 Zou, Ru-Qiang, 3526
 Zou, Weibiao, 3586

FREE E-MAIL ALERTS

Contents lists in advance of publication are available on the web *via* www.rsc.org/chemcomm – or take advantage of our free e-mail alerting service (www.rsc.org/ej_alert) to receive notification each time a new list becomes available.

* Indicates the author for correspondence: see article for details.

 Electronic supplementary information (ESI) is available *via* the online article (see <http://www.rsc.org/esi> for general information about ESI).

ADVANCE ARTICLES AND ELECTRONIC JOURNAL

Free site-wide access to Advance Articles and electronic form of this journal is provided with a full-rate institutional subscription. See www.rsc.org/ejs for more information.

Professor Andrew Evans

US Associate Editor for organic chemistry, *ChemComm*

ChemComm is the leading international journal for the publication of communications on important new developments in the chemical sciences.

Each one of ChemComm's US Associate Editors is happy to receive submissions from the Americas in their subject area.

Professor Evans is Professor of Organic and Organometallic Chemistry at Indiana University, a position he has held since 2001. His research group is engaged in the exploration and development of reactive intermediates for the expeditious synthesis of complex biologically important natural products.

Call for papers!

Professor Evans is pleased to receive papers on important developments in organic chemistry. Submit today at www.rsc.org/resource

For enquiries, please contact:
Professor Evans at chemcomm@indiana.edu



17050524

Why publish in ChemComm:

- Impact factor: 4.031
- Rapid publication – typically 60 days (from receipt to publication)
- Now: weekly publication
- 3 page communications – providing authors with the flexibility to develop their results and discussion
- 40 years publishing excellent research
- High visibility – indexed in MEDLINE
- 'Hot papers' are highlighted – helping authors to promote their work
- FREE colour where scientifically necessary
- FREE inclusion in Chemical Biology Virtual Journal



Submit today!

RSC | Advancing the
Chemical Sciences

www.rsc.org/chemcomm