

Alternative Fuel Technologies

A series of PCCP special issues guest edited by Joachim Maier (MPI Stuttgart), Dirk Guldi (Universität Erlangen-Nürnberg), and Adriano Zecchina (University of Torino)

Following on from the highly successful nano-themed issues, PCCP presents a series of themed issues on Alternative Fuel Technologies. Published in selected printed issues of PCCP over the coming months and collected online on a dedicated website, these issues feature the very latest research including:

- ▶ fuel cells
- ▶ electrochemical energy conversion
- ▶ supercapacitors and molecular materials
- ▶ hydrogen storage
- ▶ solar energy conversion
- ▶ biohydrogen

Sign up for RSS alerts to have the latest articles delivered directly to your desktop



06110615

RSC Publishing

www.rsc.org/pccp/altfuel

Registered Charity Number 207890



An international, high quality journal covering the full breadth of synthetic, physical and biomolecular organic chemistry.

See for yourself - examples of articles in Issue 1, 2007 are listed below.

For further details and free access to the whole of Issue 1, visit www.rsc.org/obc

Emerging Area

Synthesis of protein-polymer conjugates

Karina L. Heredia and Heather D. Maynard

Papers

Recognition of solvent exposed protein surfaces using anthracene derived receptors

Andrew J. Wilson, Jason Hong, Steven Fletcher and Andrew D. Hamilton

Synthesis of enantiopure chloroalcohols by enzymatic kinetic resolution

Robert M. Haak, Chiara Tarabiono, Dick B. Janssen, Adriaan J. Minnaard, Johannes G. de Vries and Ben L. Feringa

Alkoxyacylation of aryl iodides using gaseous carbon monoxide and pre-pressurized reaction vessels in conjunction with microwave heating

Chad M. Kormos and Nicholas E. Leadbeater

Perspectives

Elucidating DNA damage and repair processes by independently generating reactive and metastable intermediates

Marc M. Greenberg

The Heck-Mizoroki cross-coupling reaction: a mechanistic perspective

Jonathan P. Knowles and Andrew Whiting

Communications

Monodisperse polymer-virus hybrid nanoparticles

Friso D. Sikkema, Marta Comellas-Aragonès, Remco G. Fokkink, Benedictus J.M. Verduin, Jeroen J.L.M. Cornelissen and Roeland J.M. Nolte

Spiroketal via oxidative rearrangement of enol ethers

David L. Waller, Corey R. J. Stephenson and Peter Wipf