

RSC Publishing

Publishing

## Green Chemistry Top 10 2006

These were the top 10 most accessed articles from the entire Green Chemistry journal website in 2006

**Solid acid catalyzed biodiesel production by simultaneous esterification and transesterification**

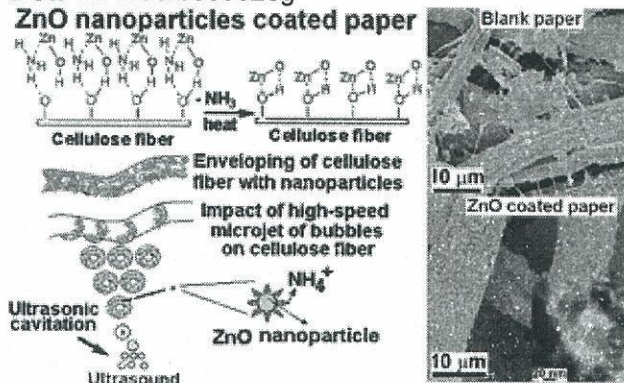
Mangesh G. Kulkarni, Rajesh Gopinath, Lekha Charan Meher and Ajay Kumar Dalai, *Green Chem.*, 2006, **8**, 1056

DOI: 10.1039/b605713f

**Preparation and characterization of ZnO nanoparticles coated paper and its antibacterial activity study**

Kalyani Ghule, Anil Vithal Ghule, Bo-Jung Chen and Yong-Chien Ling, *Green Chem.*, 2006, **8**, 1034

DOI: 10.1039/b605623g

**ZnO nanoparticles coated paper**

**Dissolution of cellulose with ionic liquids and its application: a mini-review**

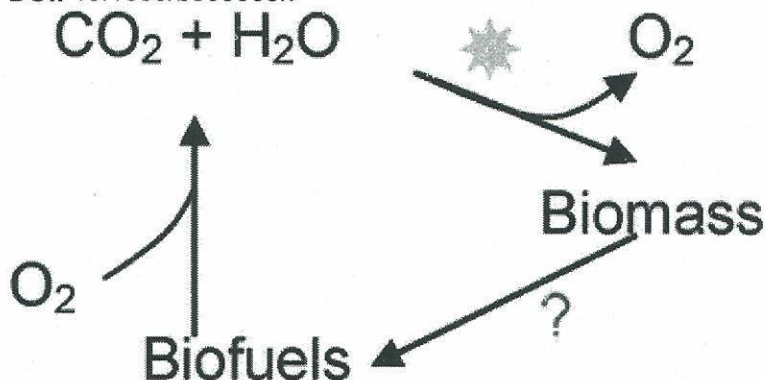
Shengdong Zhu, Yuanxin Wu, Qiming Chen, Ziniu Yu, Cunwen Wang, Shiwei Jin, Yigang Ding and Gang Wu, *Green Chem.*, 2006, **8**, 325

DOI: 10.1039/b601395c

**Biomass to biofuels, a chemical perspective**

Leo Petrus and Minke A. Noordermeer, *Green Chem.*, 2006, **8**, 861

DOI: 10.1039/b605036k


**Characterization and comparison of hydrophilic and hydrophobic room temperature ionic liquids incorporating the imidazolium cation**

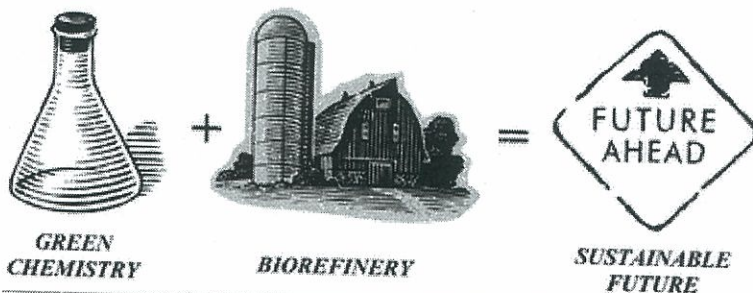
Jonathan G. Huddleston, Ann E. Visser, W. Matthew Reichert, Heather D. Willauer, Grant A. Broker and Robin D. Rogers, *Green Chem.*, 2001, **3**, 156

DOI: 10.1039/b103275p

---

**Green chemistry and the biorefinery: a partnership for a sustainable future**

James H. Clark, Vitaly Budarin, Fabien E. I. Deswarte, Jeffrey J. E. Hardy, Fran M. Kerton, Andrew J. Hunt, Rafael Luque, Duncan J. Macquarrie, Krzysztof Milkowski, Aitana Rodriguez, Owain Samuel, Stewart J. Tavener, Robin J. White and Ashley J. Wilson, *Green Chem.*, 2006, 8, 853  
 DOI: 10.1039/b604483m




---

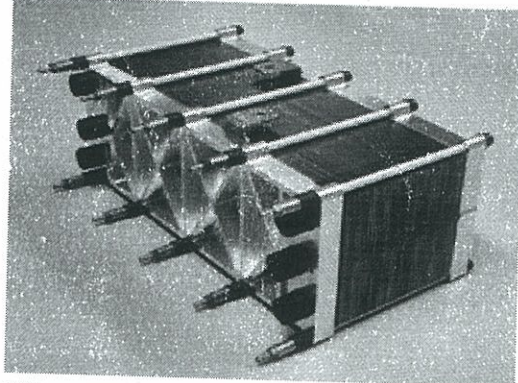
**Solvent-free organic syntheses . using supported reagents and microwave irradiation**

Rajender S. Varma, *Green Chem.*, 1999, 1, 43  
 DOI: 10.1039/a808223e

---

**The current status of fuel cell technology for mobile and stationary applications**

Frank de Bruijn, *Green Chem.*, 2005, 7, 132  
 DOI: 10.1039/b415317k




---

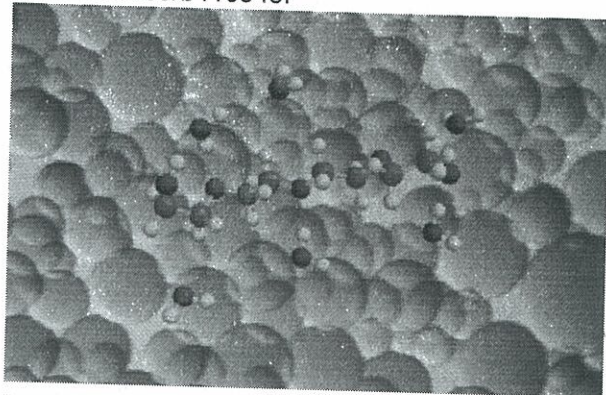
**Green chemistry for sustainable cement production and use**

John W. Phair, *Green Chem.*, 2006, 8, 763  
 DOI: 10.1039/b603997a

---

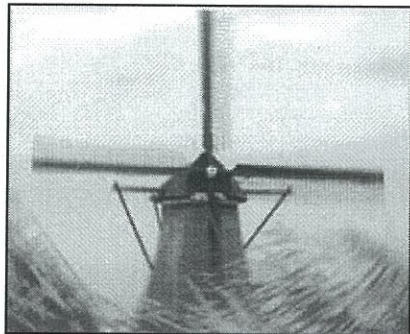
**Polyethylene glycol and solutions of polyethylene glycol as green reaction media**

Ji Chen, Scott K. Spear, Jonathan G. Huddleston and Robin D. Rogers, *Green Chem.*, 2005, 7, 64  
 DOI: 10.1039/b413546f



# 3rd International Conference on Green and Sustainable Chemistry

1-5 July 2007 / Delft / The Netherlands



HOME

ORGANIZATION

PROGRAMME

SPONSORS

LOCATION

REGISTRATION

CALL FOR CONTRIBUTIONS

DEADLINES

CONTACT

## GSC-3

**3rd International Conference on Green and Sustainable Chemistry  
1-5 July 2007, Delft, The Netherlands  
Department of Biotechnology of the Delft University of Technology**

The 3rd International Conference on Green and Sustainable Chemistry will be held in Delft, The Netherlands, July 1-5, 2007. The 1st and 2nd conferences in this series were held in Tokyo and Washington DC, in 2003 and 2005 respectively.

### Scope

The conference will cover developments at the frontiers of green chemistry and sustainable technologies. It will focus on the design, development and implementation of chemical products and processes that reduce or preferably eliminate the use of hazardous substances and the generation of waste while maintaining economic viability. The conference will provide an international forum for scientists and policy makers from industry, academia and government organizations interested in green chemistry and sustainability.

### Major Themes

- Heterogeneous and homogeneous catalysis
- Biocatalysis/industrial biotechnology
- Multicatalytic cascade processes
- Alternative solvents/non-conventional reaction media
- Alternatives for toxic/hazardous reagents
- Integration of conversion and separation steps/new reactor technologies
- Renewable raw materials, biofuels and the biorefinery
- Sustainable energy
- Design of safer, environmentally friendly products
- Life cycle assessment and sustainability
- Metrics of green chemistry and sustainability
- Industrial ecology

### Contact information

GSC-3 secretariat  
Biocatalysis and Organic Chemistry  
Delft University of Technology  
Julianalaan 136  
2628 BL Delft  
The Netherlands  
T: +31 15 2782683