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Gold Catalysts

M. Haruta and T. Ishida

Gold Catalysts: Towards Sustainable Chemistry

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Y. Xia et al.

Nanocrystals with Unconventional Shapes—A Class of Promising Catalysts

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J. M. Thomas and J. Klinowski

Systematic Enumeration of Microporous Solids: Towards Designer Catalysts

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J. A. Dumesic et al.

Liquid-Phase Catalytic Processing of Biomass-Derived Oxygenated Hydrocarbons to Fuels and Chemicals

Biorefineries

A. Corma and G. W. Huber

Synergies between Bio- and Oil Refineries for the Production of Fuels from Biomass

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A. Corma et al.

A Different Reaction Pathway for the Reduction of Aromatic Nitro Compounds on Gold Catalysts (Cover Picture)

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M. Taoufik, J.-M. Basset et al.

Direct Transformation of Ethylene into Propylene Catalyzed by a Tungsten Hydride Supported on Alumina: An Example of Trifunctional Single-Site Catalysis

Epoxidation

M. Beller et al.

Iron-Catalyzed Asymmetric Epoxidation of Aromatic Alkenes Using Hydrogen Peroxide

Homogeneous Catalysis

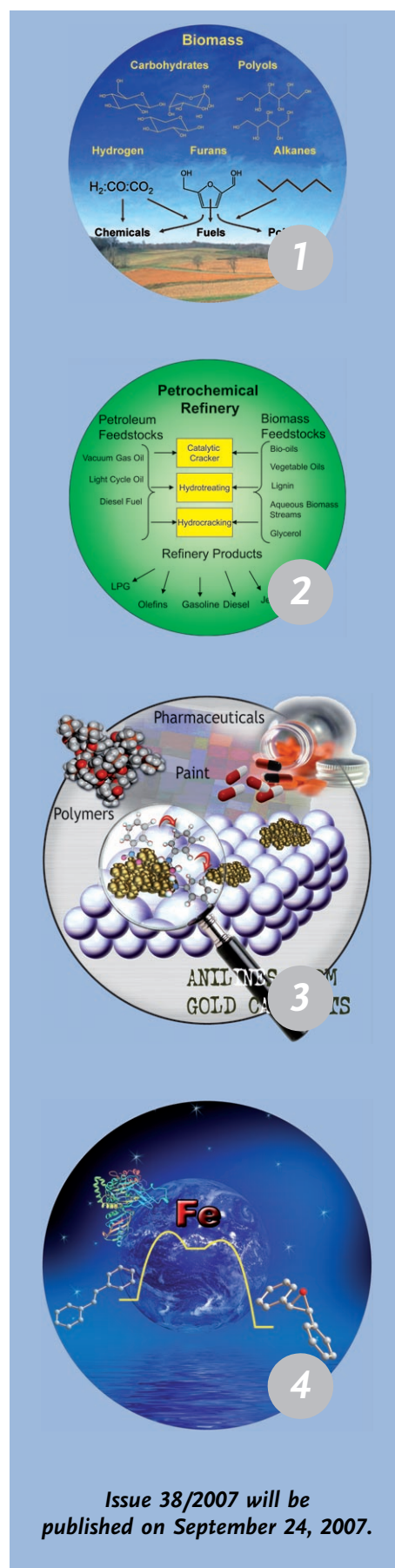
S. L. Buchwald and R. Martín

A General Method for the Direct α -Arylation of Aldehydes with Aryl Bromides and Chlorides

C–H Activation

P. Wasserscheid et al.

Highly Efficient and Selective C–H Activation in Gallium-Containing Molten-Salt Systems



Issue 38/2007 will be
published on September 24, 2007.