Research outputs:

**Ammonia synthesis and decomposition on a Ru-based catalyst modeled by first-principles**
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

**Hierarchical zeolites: Enhanced utilisation of microporous crystals in catalysis by advances in materials design**
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**Hierarchical Zeolites, Large Molecules Welcome**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2008 › Research › peer-review

**Templating mesoporous zeolites**
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**The renewable chemical industry: Optimal use of biomass resources**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2008 › Research › peer-review

**Aerobic oxidation of aqueous ethanol using heterogeneous gold catalysts: Efficient routes to acetic acid and ethyl acetate**
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

**Hierarchical zeolites: progress on synthesis and characterization of mesoporous zeolite single crystal catalysts**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research › peer-review

**Hierarchical zeolites: progress on synthesis and characterization of mesoporous zeolite single crystal catalysts**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research › peer-review

**Mesoporous Zeolite Single Crystal Catalysts: Tailored Hierarchical Catalysts**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research › peer-review

**Mesoporous zeolite single crystal catalysts: Diffusion and catalysis in hierarchical zeolites**
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review
Nanoporous magnesium aluminometasilicate tablets for precise, controlled, and continuous dosing of chemical reagents and catalysts: Applications in parallel solution-phase synthesis
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Renewable hydrogen: carbon formation on Ni and Ru catalysts during ethanol steam-reforming
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Selective catalytic reduction of NO by ammonia using mesoporous Fe-containing HZSM-5 and HZSM-12 zeolite catalysts: An option for automotive applications
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Turbostratic boron nitride coated on high-surface area metal oxide templates
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Dehydrogenation of light alkanes over rhenium catalysts on conventional and mesoporous MFI supports
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Hierarchical Zeolites: Progress on Synthesis and Catalysis
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research › peer-review

Predictable reactions
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Progress on Mesoporous Zeolite Single Crystal Catalysts: Hierarchical nano-oxides
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research › peer-review

Aluminum-rich mesoporous MFI - type zeolite single crystals
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Mesoporous Zeolite Single Crystals for Catalytic Hydrocarbon Conversion
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2005 › Research › peer-review