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Gas-phase hydrogenation of acetonitrile over nickel supported on alumina- and mixed alumina/gallium oxide-pillared tin phosphate catalysts (Braos-García, P. (168) 279)

## TiO<sub>2</sub>/Y-zeolite

TiO<sub>2</sub>/Y-Zeolite encapsulating intramolecular charge transfer molecules: a new photocatalyst for photoreduction of methyl orange in aqueous medium (Kim, Y. (168) 257)

## TiO<sub>2</sub>

Photocatalytic mineralization of vinyl chloride on  $TiO_2$  (Sano, T. (168) 233)

## Transfer hydrogenation

(*R*,*R*)-*N*-phenyl-3,4-bis(diphenylphosphino)pyrrolidine: an *N*-aryl pyrrolidine ligand for enantioselective transfer hydrogenation (Gonsalves, A.M.d.R. (168) 53)

## Triruthenium dodecacarbonyl

An in situ spectroscopic study of the ruthenium catalyzed carbonylation of piperidine starting with triruthenium dodecacarbonyl. The importance of path dependence in homogeneous catalysis (Liu, G. (168) 33)

## Turnover frequency

An in situ spectroscopic study of the ruthenium catalyzed carbonylation of piperidine starting with triruthenium dodecacarbonyl. The importance of path dependence in homogeneous catalysis (Liu, G. (168) 33)

### Unsaturated aldehyde

Selective hydrogenation of  $\alpha$ -,  $\beta$ -unsaturated aldehyde to unsaturated alcohol with supported platinum catalysts at high pressures of hydrogen (Shirai, M. (168) 99)

#### UV-VIS

Effect of peripheral substitution on spectral and catalytic properties of copper phthalocyanine complexes (Seelan, S. (168) 61)

## Vinyl chloride

Photocatalytic mineralization of vinyl chloride on  $TiO_2$  (Sano, T. (168) 233)

## Zeolite-Na-Y

Oxidation by molecular oxygen using zeolite encapsulated Co(II)saloph complexes (Joseph, T. (168) 87)

### Zeolites

Dialkylation of naphthalene with isopropanol over acidic zeolites. Influence of pore structure on selectivity (Moreau, P. (168) 105)