

Subject index

Acid anhydride

Friedel–Crafts acylation of anisole with acetic anhydride over silica-supported heteropolyphosphotungstic acid (HPW/SiO₂) (Cardoso, L.A.M. (209) 189)

Adsorption

Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)

Alcohols

Utilization of metal complexes as catalysts in the transesterification of Brazilian vegetable oils with different alcohols (Abreu, F.R. (209) 29)

Aldehydes

One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)

Aldimines

Regioselective alkylation of aromatic aldimines and ketimines via C–H bond activation by a rhodium catalyst (Lim, Y.-G. (209) 41)

Alkylation

Regioselective alkylation of aromatic aldimines and ketimines via C–H bond activation by a rhodium catalyst (Lim, Y.-G. (209) 41)

Alumina thin films

The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)

Aluminum-silicate

The influence of surface acidity on NO₂ reduction by propane under lean conditions (Ingelsten, H.H. (209) 199)

Aniline alkylation

Selective alkylation of aniline to *N*-methyl aniline using chromium manganese ferrosinels (Nishamol, K. (209) 89)

Anisole

Friedel–Crafts acylation of anisole with acetic anhydride over silica-supported heteropolyphosphotungstic acid (HPW/SiO₂) (Cardoso, L.A.M. (209) 189)

Aryl halides

Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)

Benzene alkylation

Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)

Benzylation of benzene

Alumina-supported FeCl₃, MnCl₂, CoCl₂, NiCl₂, CuCl₂, and ZnCl₂ as catalysts for the benzylation of benzene by benzyl chloride (Salavati-Niasari, M. (209) 209)

Bifunctional catalyst

Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)

Biodiesel

Utilization of metal complexes as catalysts in the transesterification of Brazilian vegetable oils with different alcohols (Abreu, F.R. (209) 29)

1,4-¹³C-*n*-butane

Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)

C–C bond formation

Regioselective alkylation of aromatic aldimines and ketimines via C–H bond activation by a rhodium catalyst (Lim, Y.-G. (209) 41)

Carbon monoxide

One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)

Carbonylation condensation

One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)

Carbonyls

Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)

Catalyst

Novel hydrodesulfurization catalysts derived from a rhodium carbonyl complex (Lee, J. (209) 155)

SBA-15 supported quaternary ammonium salt: an efficient, heterogeneous phase-transfer catalyst (Li, L. (209) 227)

Catalysts

Pd/NaY-zeolite and Pd-W/NaY-zeolite catalysts: preparation, characterization and NO decomposition activity (Pergher, S.B.C. (209) 107)

Chemisorption

The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)

Chitosan

Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)

Chloroaniline

Effect of transition metal (Cr, Mn, Fe, Co, Ni and Cu) on the hydrogenation properties of chloronitrobenzene over Pt/TiO₂ catalysts (Han, X. (209) 83)

Chloronitrobenzene

Effect of transition metal (Cr, Mn, Fe, Co, Ni and Cu) on the hydrogenation properties of chloronitrobenzene over Pt/TiO₂ catalysts (Han, X. (209) 83)

4-Chloronitrobenzene

Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)

CO

Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)

Cobalt phthalocyanine cyclohexene

Catalytic activity of iron and cobalt phthalocyanine complexes towards the oxidation of cyclohexene using *tert*-butylhydroperoxide and chloroperoxybenzoic acid (Sehlotho, N. (209) 51)

Conductivity

Synthesis of 7-hydroxy-4-methyl coumarin using polyaniline supported acid catalyst (Palaniappan, S. (209) 117)

Cooxidation of these hydrocarbons

Oxidation of hydrocarbons by O₂ in the presence of onium salts and onium ion-pair complexes as catalysts (Csányi, L.J. (209) 59)

Coumarin

Synthesis of 7-hydroxy-4-methyl coumarin using polyaniline supported acid catalyst (Palaniappan, S. (209) 117)

- Cp*₂RuCl(cod)
Ruthenium-catalysed synthesis of *o*-phthalates by highly chemoselective intermolecular [2 + 2 + 2] cycloaddition of terminal alkynes and dimethyl acetylenedicarboxylate (Ura, Y. (209) 35)
- Cu/MCM-41
Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)
- Cumene
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- Cyclohexene oxide
Catalytic activity of iron and cobalt phthalocyanine complexes towards the oxidation of cyclohexene using *tert*-butylhydroperoxide and chloroperoxybenzoic acid (Schlotho, N. (209) 51)
- Cyclohexene-*o*
Catalytic activity of iron and cobalt phthalocyanine complexes towards the oxidation of cyclohexene using *tert*-butylhydroperoxide and chloroperoxybenzoic acid (Schlotho, N. (209) 51)
- Cyclohexene-*one*
Catalytic activity of iron and cobalt phthalocyanine complexes towards the oxidation of cyclohexene using *tert*-butylhydroperoxide and chloroperoxybenzoic acid (Schlotho, N. (209) 51)
- [2 + 2 + 2] Cycloaddition
Ruthenium-catalysed synthesis of *o*-phthalates by highly chemoselective intermolecular [2 + 2 + 2] cycloaddition of terminal alkynes and dimethyl acetylenedicarboxylate (Ura, Y. (209) 35)
- Dibenzothiophene
Novel hydrodesulfurization catalysts derived from a rhodium carbonyl complex (Lee, J. (209) 155)
- Diels–Alder reaction
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)
- Dimethyl acetylenedicarboxylate
Ruthenium-catalysed synthesis of *o*-phthalates by highly chemoselective intermolecular [2 + 2 + 2] cycloaddition of terminal alkynes and dimethyl acetylenedicarboxylate (Ura, Y. (209) 35)
- Diphenylmethane
Alumina-supported FeCl₃, MnCl₂, CoCl₂, NiCl₂, CuCl₂, and ZnCl₂ as catalysts for the benzylation of benzene by benzyl chloride (Salavati-Niasari, M. (209) 209)
- (*R*)-*N*-(2-(Diphenylphosphino)benzylidene)-1-((*S*)-2-(diphenylphosphino)ferrocenyl)ethylamine
New chiral ferrocenyldiphosphine ligand for catalytic asymmetric transfer hydrogenation (Dai, H. (209) 19)
- Electron beams
The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)
- Equilibrium constant
Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)
- Ethylbenzene
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- EXAFS
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
- FeCl₃ and MCl₂ (M = Cu²⁺, Ni²⁺, Co²⁺, Mn²⁺, Zn²⁺) supported on alumina
Alumina-supported FeCl₃, MnCl₂, CoCl₂, NiCl₂, CuCl₂, and ZnCl₂ as catalysts for the benzylation of benzene by benzyl chloride (Salavati-Niasari, M. (209) 209)
- Ferrocenyldiphosphine
New chiral ferrocenyldiphosphine ligand for catalytic asymmetric transfer hydrogenation (Dai, H. (209) 19)
- Ferrosinels
Selective alkylation of aniline to *N*-methyl aniline using chromium manganese ferrosinels (Nishamol, K. (209) 89)
- Field-ionization mass spectrometry
Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)
- Formation of O-radicals and singlet O₂
Oxidation of hydrocarbons by O₂ in the presence of onium salts and onium ion-pair complexes as catalysts (Csányi, L.J. (209) 59)
- Friedel–Crafts acylation
Friedel–Crafts acylation of anisole with acetic anhydride over silica-supported heteropolyphosphotungstic acid (HPW/SiO₂) (Cardoso, L.A.M. (209) 189)
- FTIR spectroscopy
Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)
- FTIR
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
The influence of surface acidity on NO₂ reduction by propane under lean conditions (Ingelsten, H.H. (209) 199)
- Ga-modified HZSM-5
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- Heck
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)
- Heterogenized catalysts
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
- Heteropolyacids
Friedel–Crafts acylation of anisole with acetic anhydride over silica-supported heteropolyphosphotungstic acid (HPW/SiO₂) (Cardoso, L.A.M. (209) 189)
- Homogeneous catalysis
Efficient living polymerization of 1-hexene by Cp*TiMe₂(*O*-2,6-*i*Pr₂C₆H₃)-borate catalyst systems at low temperature (Nomura, K. (209) 9)
- Homogeneous transesterification
Utilization of metal complexes as catalysts in the transesterification of Brazilian vegetable oils with different alcohols (Abreu, F.R. (209) 29)
- Homogeneous
SBA-15 supported quaternary ammonium salt: an efficient, heterogeneous phase-transfer catalyst (Li, L. (209) 227)
- Hydrodesulfurization
Novel hydrodesulfurization catalysts derived from a rhodium carbonyl complex (Lee, J. (209) 155)
- Hydrogenation
Effect of transition metal (Cr, Mn, Fe, Co, Ni and Cu) on the hydrogenation properties of chloronitrobenzene over Pt/TiO₂ catalysts (Han, X. (209) 83)
- HZSM-5
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- Imidazolidin-2-ylidene
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)

- Iron phthalocyanine**
Catalytic activity of iron and cobalt phthalocyanine complexes towards the oxidation of cyclohexene using *tert*-butylhydroperoxide and chloroperoxybenzoic acid (Sehlotho, N. (209) 51)
- Isomerization of *n*-butane**
Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)
- Ketimines**
Regioselective alkylation of aromatic aldimines and ketimines via C–H bond activation by a rhodium catalyst (Lim, Y.-G. (209) 41)
- Ketones**
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- Lean NO_x reduction**
The influence of surface acidity on NO₂ reduction by propane under lean conditions (Ingelsten, H.H. (209) 199)
- Lewis acidity**
Selective alkylation of aniline to *N*-methyl aniline using chromium manganese ferrosinels (Nishamol, K. (209) 89)
- Living polymerization**
Efficient living polymerization of 1-hexene by Cp*TiMe₂(*O*-2,6-ⁱPr₂C₆H₃)-borate catalyst systems at low temperature (Nomura, K. (209) 9)
- Mesoporous material**
SBA-15 supported quaternary ammonium salt: an efficient, heterogeneous phase-transfer catalyst (Li, L. (209) 227)
- Metal oxide additives**
The effect of metal oxide additives (WO₃, MoO₃, V₂O₅, Ga₂O₃) on the oxidation of NO and SO₂ over Pt/Al₂O₃ and Pt/BaO/Al₂O₃ catalysts (Dawody, J. (209) 215)
- Metal–dipyron complexes**
Utilization of metal complexes as catalysts in the transesterification of Brazilian vegetable oils with different alcohols (Abreu, F.R. (209) 29)
- Methanol decomposition**
Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study (Tsoncheva, T. (209) 125)
- Methoxyacetophenones**
Friedel–Crafts acylation of anisole with acetic anhydride over silica-supported heteropolyphosphotungstic acid (HPW/SiO₂) (Cardoso, L.A.M. (209) 189)
- Microwave irradiation**
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)
- Molybdenum hexacarbonyl**
The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)
- Myrac aldehyde**
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)
- Myrcene**
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)
- NaY zeolite**
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)
- NaY-zeolite**
Pd/NaY-zeolite and Pd-W/NaY-zeolite catalysts: preparation, characterization and NO decomposition activity (Pergher, S.B.C. (209) 107)
- Nitroarenes**
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- Nitrosoarenes**
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- NO decomposition**
Pd/NaY-zeolite and Pd-W/NaY-zeolite catalysts: preparation, characterization and NO decomposition activity (Pergher, S.B.C. (209) 107)
- NO oxidation**
The effect of metal oxide additives (WO₃, MoO₃, V₂O₅, Ga₂O₃) on the oxidation of NO and SO₂ over Pt/Al₂O₃ and Pt/BaO/Al₂O₃ catalysts (Dawody, J. (209) 215)
- NO_x storage catalysts**
The effect of metal oxide additives (WO₃, MoO₃, V₂O₅, Ga₂O₃) on the oxidation of NO and SO₂ over Pt/Al₂O₃ and Pt/BaO/Al₂O₃ catalysts (Dawody, J. (209) 215)
- N*-Monoalkylation**
Selective alkylation of aniline to *N*-methyl aniline using chromium manganese ferrosinels (Nishamol, K. (209) 89)
- Olefin polymerization**
Efficient living polymerization of 1-hexene by Cp*TiMe₂(*O*-2,6-ⁱPr₂C₆H₃)-borate catalyst systems at low temperature (Nomura, K. (209) 9)
- Onium salts and onium-decavanadate ion-pairs as oxidation catalysts**
Oxidation of hydrocarbons by O₂ in the presence of onium salts and onium ion-pair complexes as catalysts (Csányi, L.J. (209) 59)
- Oxidation of cyclohexene and tetralin by O₂**
Oxidation of hydrocarbons by O₂ in the presence of onium salts and onium ion-pair complexes as catalysts (Csányi, L.J. (209) 59)
- Oxidation**
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
- o*-Nitrodiphenyl ether**
Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)
- o*-Phthalates**
Ruthenium-catalysed synthesis of *o*-phthalates by highly chemoselective intermolecular [2 + 2 + 2] cycloaddition of terminal alkynes and dimethyl acetylenedicarboxylate (Ura, Y. (209) 35)
- Palladium**
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)
Pd/NaY-zeolite and Pd-W/NaY-zeolite catalysts: preparation, characterization and NO decomposition activity (Pergher, S.B.C. (209) 107)
- Pd(II) immobilization**
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
- Phenol**
Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)
- Phenylboronic acid**
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)
- Poly-Schiff's bases**
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- Polyaniline supported acid catalyst**
Synthesis of 7-hydroxy-4-methyl coumarin using polyaniline supported acid catalyst (Palaniappan, S. (209) 117)
- Polyethylene**
Polymerization of ethylene by the tris(pyrazolyl)borate titanium(IV) compound immobilized on MAO-modified silicas (Gil, M.P. (209) 163)

- Propane
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
The influence of surface acidity on NO₂ reduction by propane under lean conditions (Engelsten, H.H. (209) 199)
- Rate constant
Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)
- Reaction mechanism
Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)
- Reaction pathways
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- Reflection–absorption infrared spectroscopy
The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)
- Reusable catalyst
Synthesis of 7-hydroxy-4-methyl coumarin using polyaniline supported acid catalyst (Palaniappan, S. (209) 117)
- Rhodium carbonyl
Novel hydrodesulfurization catalysts derived from a rhodium carbonyl complex (Lee, J. (209) 155)
- Rhodium catalyst
Regioselective alkylation of aromatic aldimines and ketimines via C–H bond activation by a rhodium catalyst (Lim, Y.-G. (209) 41)
- ³⁵S
Novel hydrodesulfurization catalysts derived from a rhodium carbonyl complex (Lee, J. (209) 155)
- SBA-15
SBA-15 supported quaternary ammonium salt: an efficient, heterogeneous phase-transfer catalyst (Li, L. (209) 227)
- Schiff's bases
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- SO₂ oxidation
The effect of metal oxide additives (WO₃, MoO₃, V₂O₅, Ga₂O₃) on the oxidation of NO and SO₂ over Pt/Al₂O₃ and Pt/BaO/Al₂O₃ catalysts (Dawody, J. (209) 215)
- Solid acid
Mechanistic study on skeletal isomerization of *n*-butane using 1,4-¹³C₂-*n*-butane on typical solid acids and their Pt-promoted bifunctional catalysts (Echizen, T. (209) 145)
- Solid–liquid phase transfer catalysis
Novelties of solid–liquid phase transfer catalyzed synthesis of *o*-nitrodiphenyl ether (Yadav, G.D. (209) 75)
- Spectral studies
Synthesis of 7-hydroxy-4-methyl coumarin using polyaniline supported acid catalyst (Palaniappan, S. (209) 117)
- Spinel ferrites
Selective alkylation of aniline to *N*-methyl aniline using chromium manganese ferrosinels (Nishamol, K. (209) 89)
- Styrene
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)
- Sulphur based catalytic system
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- Sulphur poisoning
The effect of metal oxide additives (WO₃, MoO₃, V₂O₅, Ga₂O₃) on the oxidation of NO and SO₂ over Pt/Al₂O₃ and Pt/BaO/Al₂O₃ catalysts (Dawody, J. (209) 215)
- Supported catalysts
Polymerization of ethylene by the tris(pyrazolyl)borate titanium(IV) compound immobilized on MAO-modified silicas (Gil, M.P. (209) 163)
- Surface acidity
The influence of surface acidity on NO₂ reduction by propane under lean conditions (Engelsten, H.H. (209) 199)
- Suzuki
Improved palladium-catalyzed coupling reactions of aryl halides using saturated *N*-heterocarbene ligands (Gürbüz, N. (209) 23)
- Temperature-programmed desorption
The effect of electron beam irradiation on the chemistry of molybdenum hexacarbonyl on thin alumina films in ultrahigh vacuum (Wang, Y. (209) 135)
- Terminal alkyne
Ruthenium-catalysed synthesis of *o*-phthalates by highly chemoselective intermolecular [2 + 2 + 2] cycloaddition of terminal alkynes and dimethyl acetylenedicarboxylate (Ura, Y. (209) 35)
- Titanium
Efficient living polymerization of 1-hexene by Cp*TiMe₂(*O*-2,6-ⁱPr₂C₆H₃)-borate catalyst systems at low temperature (Nomura, K. (209) 9)
- Toluene
Propane as alkylating agent for alkylation of benzene on HZSM-5 and Ga-modified HZSM-5 zeolites (Bigey, C. (209) 179)
- Transfer hydrogenation
New chiral ferrocenyldiphosphine ligand for catalytic asymmetric transfer hydrogenation (Dai, H. (209) 19)
- Transition metals
Effect of transition metal (Cr, Mn, Fe, Co, Ni and Cu) on the hydrogenation properties of chloronitrobenzene over Pt/TiO₂ catalysts (Han, X. (209) 83)
- Tris(pyrazolyl)borate Titanium complex
Polymerization of ethylene by the tris(pyrazolyl)borate titanium(IV) compound immobilized on MAO-modified silicas (Gil, M.P. (209) 163)
- Tungstencarbonyl
Pd/NaY-zeolite and Pd-W/NaY-zeolite catalysts: preparation, characterization and NO decomposition activity (Pergher, S.B.C. (209) 107)
- Vegetable oils
Utilization of metal complexes as catalysts in the transesterification of Brazilian vegetable oils with different alcohols (Abreu, F.R. (209) 29)
- Water
One stage preparation of Schiff's bases from nitroarenes, aldehydes and carbon monoxide at presence of water (Macho, V. (209) 69)
- XPS
Heterogenized palladium chitosan complexes as potential catalysts in oxidation reactions: study of the structure (Kramareva, N.V. (209) 97)
- Zinc chloride
ZnCl₂ supported on NaY zeolite by solid-state interaction under microwave irradiation and used as heterogeneous catalysts for high regioselective Diels–Alder reaction of myrcene and acrolein (Liu, J. (209) 171)