

## Subject index

### Additives

An investigation into the activity of the in situ ruthenium(III) chloride catalytic system for the metathesis of 1-octene (van Schalkwyk, C. (190) 185)

### Adhesion

Contact metathesis polymerization (CMP) (Caster, K.C. (190) 65)

### ADMET polymerization

ADMET copolymerization of divinyltetraethoxydisiloxane with 1,9-decadiene catalyzed by Grubbs' catalyst (Malecka, E. (190) 27)

### Alkyl complexes

Group 3 and 4 metal alkyl and hydrido complexes containing a linked amido-cyclopentadienyl ligand: "constrained geometry" polymerization catalysts for nonpopular and polar monomers (Arndt, S. (190) 215)

### Alkylidene fragments

Silica-supported alkylidene complexes: their preparation, characterization and reactivity, especially towards olefins (Beaudoin, M.C. (190) 159)

### Allyl esters

Stereoselective synthesis of esters with vinylsilicon functionality via ruthenium carbene catalyzed cross-metathesis (Kujawa-Welten, M. (190) 79)

### Allylsilanes

Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ (Sémeril, D. (190) 9)

### Amido ligands

Group 3 and 4 metal alkyl and hydrido complexes containing a linked amido-cyclopentadienyl ligand: "constrained geometry" polymerization catalysts for nonpopular and polar monomers (Arndt, S. (190) 215)

### Carbene

Synthesis and ring-opening metathesis polymerization of eight-membered unsaturated lactams and related monomers (Baran, J. (190) 109)

### Carbosilane dendrimers

Multi-nuclear dendritic Ru-complexes as catalysts for ROMP; synthesis and characterization of starpolymers (Beerens, H. (190) 1)

### Catalysts

Design and synthesis of semiflexible substituted polyacetylenes with helical conformation (Nomura, R. (190) 197)

### Conjugated diketones

Copolymerization of benzoquinone with norbornene (Jossifov, C. (190) 235)

### Conjugated polymers

Copolymerization of benzoquinone with norbornene (Jossifov, C. (190) 235)

### Constrained geometry catalyst

Effect of ligand in ethylene/styrene copolymerization by  $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)(\text{NR})]\text{TiCl}_2$  (R = *tert*-Bu, cyclohexyl) and  $(1,3\text{-Me}_2\text{C}_5\text{H}_3)\text{TiCl}_2(\text{O}-2,6\text{-}^i\text{Pr}_2\text{C}_6\text{H}_3)\text{-MAO}$  catalyst system (Nomura, K. (190) 225)

### Copolymerization

Copolymerization of benzoquinone with norbornene (Jossifov, C. (190) 235)

### Copolymers

ADMET copolymerization of divinyltetraethoxydisiloxane with 1,9-decadiene catalyzed by Grubbs' catalyst (Malecka, E. (190) 27)

### Cross-metathesis

Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst (Kawai, T. (190) 33)

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

Stereoselective synthesis of esters with vinylsilicon functionality via ruthenium carbene catalyzed cross-metathesis (Kujawa-Welten, M. (190) 79)

### Cyclic siloxanes

Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ (Sémeril, D. (190) 9)

### Dialkylmagnesium

Unusual product distribution in ethylene oligomerization promoted by in situ *ansa*-chloroneodymocene–dialkylmagnesium systems (Bogaert, S. (190) 207)

### Diphosphines

Ligand manipulation and design for ruthenium metathesis and tandem metathesis-hydrogenation catalysis (Fogg, D.E. (190) 177)

### Elastomers

Contact metathesis polymerization (CMP) (Caster, K.C. (190) 65)

## Enyne metathesis

Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ (Sémeril, D. (190) 9)

## Equilibrium ROMP

Structure/property relationship of Schrock-type alkylidene complexes based on tungsten and molybdenum (Thorn-Csányi, E. (190) 85)

## Ethylene

Unusual product distribution in ethylene oligomerization promoted by in situ *ansa*-chloroneodymocene–dialkylmagnesium systems (Bogaert, S. (190) 207)

## Ethylene/styrene copolymerization

Effect of ligand in ethylene/styrene copolymerization by  $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)(\text{NR})]\text{TiCl}_2$  (R = *tert*-Bu, cyclohexyl) and  $(1,3\text{-Me}_2\text{C}_5\text{H}_3)\text{TiCl}_2(\text{O}-2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3)\text{-MAO}$  catalyst system (Nomura, K. (190) 225)

## Free radical polymerisation

Transformation reactions involving metathesis polymerisation (Manivannan, R. (190) 55)

## Functional oligomers

Ring-opening metathesis polymerization (ROMP) of isomerically pure functional monomers and acyclic diene metathesis depolymerization (retro-ADMET) of functionalized polyalkenamers (Lapinte, V. (190) 117)

## Germanium

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Grubbs catalysts

Stereoselective synthesis of esters with vinylsilicon functionality via ruthenium carbene catalyzed cross-metathesis (Kujawa-Welten, M. (190) 79)

## Helical polymers

Design and synthesis of semiflexible substituted polyacetylenes with helical conformation (Nomura, R. (190) 197)

## Heterogeneous catalysis

Applications of metathesis in heterogeneous catalysis and separation sciences (Buchmeiser, M.R. (190) 145)

## Hexene

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Hydride complexes

Group 3 and 4 metal alkyl and hydrido complexes containing a linked amido-cyclopentadienyl ligand: “constrained geometry” polymerization catalysts for nonpolar and polar monomers (Arndt, S. (190) 215)

## Hydrogenation

Ligand manipulation and design for ruthenium metathesis and tandem metathesis-hydrogenation catalysis (Fogg, D.E. (190) 177)

## Imidazolium salt

Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ (Sémeril, D. (190) 9)

## In situ catalytic system

An investigation into the activity of the in situ ruthenium(III) chloride catalytic system for the metathesis of 1-octene (van Schalkwyk, C. (190) 185)

## Life sciences

Applications of metathesis in heterogeneous catalysis and separation sciences (Buchmeiser, M.R. (190) 145)

## Living polymers

Transformation reactions involving metathesis polymerisation (Manivannan, R. (190) 55)

## Metallocenes

Unusual product distribution in ethylene oligomerization promoted by in situ *ansa*-chloroneodymocene–dialkylmagnesium systems (Bogaert, S. (190) 207)

## Metathesis catalytic systems

Copolymerization of benzoquinone with norbornene (Jossifov, C. (190) 235)

## Metathesis polymerization of cyclic olefins

Ring-opening metathesis polymerization of norbornene and norbornadiene by tungsten(II) and molybdenum(II) complexes (Czeliński, I. (190) 131)

## Metathesis

Transformation reactions involving metathesis polymerisation (Manivannan, R. (190) 55)

Ring-opening metathesis polymerization (ROMP) of isomerically pure functional monomers and acyclic diene metathesis depolymerization (retro-ADMET) of functionalized polyalkenamers (Lapinte, V. (190) 117)

Applications of metathesis in heterogeneous catalysis and separation sciences (Buchmeiser, M.R. (190) 145)

Ligand manipulation and design for ruthenium metathesis and tandem metathesis-hydrogenation catalysis (Fogg, D.E. (190) 177)

An investigation into the activity of the in situ ruthenium(III) chloride catalytic system for the metathesis of 1-octene (van Schalkwyk, C. (190) 185)

## Methyl oleate

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Molybdenum alkylidene complexes

Structure/property relationship of Schrock-type alkylidene complexes based on tungsten and molybdenum (Thorn-Csányi, E. (190) 85)

## Molybdenum(II) catalyst

Ring-opening metathesis polymerization of norbornene and norbornadiene by tungsten(II) and molybdenum(II) complexes (Czeliński, I. (190) 131)

## Neodymium

Unusual product distribution in ethylene oligomerization promoted by in situ *ansa*-chloroneodymocene–dialkylmagnesium systems (Bogaert, S. (190) 207)

## Nylon

Synthesis and ring-opening metathesis polymerization of eight-membered unsaturated lactams and related monomers (Baran, J. (190) 109)

## 1-Octene

Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst (Kawai, T. (190) 33)

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

An investigation into the activity of the in situ ruthenium(III) chloride catalytic system for the metathesis of 1-octene (van Schalkwyk, C. (190) 185)

## 2-(1,3-Butadienyl)thiophene

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

## Olefin metathesis

Structure/property relationship of Schrock-type alkylidene complexes based on tungsten and molybdenum (Thorn-Csányi, E. (190) 85)

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Oligomerization

Silica-supported alkylidene complexes: their preparation, characterization and reactivity, especially towards olefins (Beaudoin, M.C. (190) 159)

Unusual product distribution in ethylene oligomerization promoted by in situ *ansa*-chloronodimocene-dialkylmagnesium systems (Bogaert, S. (190) 207)

## Polar monomer polymerization

Group 3 and 4 metal alkyl and hydrido complexes containing a linked amido-cyclopentadienyl ligand: "constrained geometry" polymerization catalysts for nonpopular and polar monomers (Arndt, S. (190) 215)

## Polyacetylenes

Design and synthesis of semiflexible substituted polyacetylenes with helical conformation (Nomura, R. (190) 197)

## Polymerization

Silica-supported alkylidene complexes: their preparation, characterization and reactivity, especially towards olefins (Beaudoin, M.C. (190) 159)

## Reactive polymers

Ring-opening metathesis polymerization (ROMP) of isomerically pure functional monomers and acyclic diene metathesis depolymerization (retro-ADMET) of functionalized polyalkenamers (Lapinte, V. (190) 117)

## Retro-ADMET

Ring-opening metathesis polymerization (ROMP) of isomerically pure functional monomers and acyclic diene metathesis depolymerization (retro-ADMET) of functionalized polyalkenamers (Lapinte, V. (190) 117)

## Ruthenium oxide catalysts

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Ring-opening metathesis polymerization

Multi-nuclear dendritic Ru-complexes as catalysts for ROMP; synthesis and characterization of starpolymers (Beerens, H. (190) 1)

Contact metathesis polymerization (CMP) (Caster, K.C. (190) 65)

## ROMP

Contact metathesis polymerization (CMP) (Caster, K.C. (190) 65)

Ring-opening metathesis polymerization (ROMP) of isomerically pure functional monomers and acyclic diene metathesis depolymerization (retro-ADMET) of functionalized polyalkenamers (Lapinte, V. (190) 117)

## Ru-carbene

Multi-nuclear dendritic Ru-complexes as catalysts for ROMP; synthesis and characterization of starpolymers (Beerens, H. (190) 1)

## Ruthenium carbenes

ADMET copolymerization of divinyltetraethoxydisiloxane with 1,9-decadiene catalyzed by Grubbs' catalyst (Małeczka, E. (190) 27)

## Ruthenium catalyst

Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ (Sémeril, D. (190) 9)

## Ruthenium

Synthesis and ring-opening metathesis polymerization of eight-membered unsaturated lactams and related monomers (Baran, J. (190) 109)

Ligand manipulation and design for ruthenium metathesis and tandem metathesis-hydrogenation catalysis (Fogg, D.E. (190) 177)

## Ruthenium(III) chloride

An investigation into the activity of the in situ ruthenium(III) chloride catalytic system for the metathesis of 1-octene (van Schalkwyk, C. (190) 185)

## Schrock-type catalysts

Structure/property relationship of Schrock-type alkylidene complexes based on tungsten and molybdenum (Thorn-Csányi, E. (190) 85)

## Selectivity

Ligand manipulation and design for ruthenium metathesis and tandem metathesis-hydrogenation catalysis (Fogg, D.E. (190) 177)

## Separation science

Applications of metathesis in heterogeneous catalysis and separation sciences (Buchmeiser, M.R. (190) 145)

## Seven-coordinate complexes

Ring-opening metathesis polymerization of norbornene and norbornadiene by tungsten(II) and molybdenum(II) complexes (Czeliński, I. (190) 131)

## Silicon

Germanium and silicon compounds as promoters for  $\text{Re}_2\text{O}_7/\text{SiO}_2\text{-Al}_2\text{O}_3$  metathesis catalysts (Buffon, R. (190) 171)

## Single-site polymerization catalysts

Group 3 and 4 metal alkyl and hydrido complexes containing a linked amido-cyclopentadienyl ligand: "constrained geometry" polymerization catalysts for nonpopular and polar monomers (Arndt, S. (190) 215)

## Starpolymers

Multi-nuclear dendritic Ru-complexes as catalysts for ROMP; synthesis and characterization of starpolymers (Beerens, H. (190) 1)

## Strained cyclo-olefins

Copolymerization of benzoquinone with norbornene (Jossifov, C. (190) 235)

## Styrene

Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst (Kawai, T. (190) 33)

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

## Surfaces

Contact metathesis polymerization (CMP) (Caster, K.C. (190) 65)

## Titanium

Effect of ligand in ethylene/styrene copolymerization by  $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)(\text{NR})]\text{TiCl}_2$  (R = *tert*-Bu, cyclohexyl) and (1,3-Me<sub>2</sub>C<sub>5</sub>H<sub>3</sub>)TiCl<sub>2</sub>(O-2,6-*i*-Pr<sub>2</sub>C<sub>6</sub>H<sub>3</sub>)-MAO catalyst system (Nomura, K. (190) 225)

## Transformation reactions

Transformation reactions involving metathesis polymerisation (Manivannan, R. (190) 55)

## Tungsten alkylidene complexes

Structure/property relationship of Schrock-type alkylidene complexes based on tungsten and molybdenum (Thorn-Csányi, E. (190) 85)

## Tungsten(II) catalyst

Ring-opening metathesis polymerization of norbornene and norbornadiene by tungsten(II) and molybdenum(II) complexes (Czeluśniak, I. (190) 131)

## Vinylfuran

Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst (Kawai, T. (190) 33)

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

## Vinylsilanes

Stereoselective synthesis of esters with vinylsilicon functionality via ruthenium carbene catalyzed cross-metathesis (Kujawa-Welten, M. (190) 79)

## Vinylthiophene

Cross-metathesis of vinyl aromatic heterocycles: comparison of Grubbs catalyst and Schrock catalyst (Kawai, T. (190) 33)

Cross-metathesis of vinyl aromatic heterocycles with 1-octene in the presence of a Schrock catalyst (Kawai, T. (190) 45)

## Ziegler-Natta polymerisation

Transformation reactions involving metathesis polymerisation (Manivannan, R. (190) 55)