



Linden CMS

**Auf dem Berge 25
D-28844 LEESTE
Germany**
e-Mail linden @ FDMS.de
www.FDMS.de
Tel. +49 - 421 - 801 941

Linden ChromaSpec GmbH, Auf dem Berge 25, D-28844 LEESTE, Germany

FI/FD/LIFDI publications 2011 - up to August

Energetics of Halogen Bonding of Group 10 Metal Fluoride Complexes

Torsten Beweries, Lee Brammer, Naseralla A. Jasim, John E. McGrady, Robin N. Perutz, and Adrian C. Whitwood
J. Am. Chem. Soc. Articles ASAP **GCT-P with LIFDI**

Reactivity of [Zn₂Cp*₂] toward Transition-Metal Complexes: Synthesis and Characterization of [Cp*M(ZnCp*)₂] (M = Ni, Pd, Pt)

Timo Bollermann, Kerstin Freitag, Christian Gemel, Rüdiger W. Seidel, and Roland A. Fischer
Organometallics, **2011**, *30* (15), 4123–4127 **JEOL AccuTOF with LIFDI**

Homoleptic Hexa and Penta Gallylene Coordinated Complexes of Molybdenum and Rhodium

Timo Bollermann, Thomas Cadenbach, Christian Gemel, Kerstin Freitag, Mariusz Molon, Vanessa Gwildies, and Roland A. Fischer
Inorg. Chem., **2011**, *50* (12), pp 5808–5814 **JEOL AccuTOF with LIFDI**

Photophysical properties of Kuratowski-type coordination compounds [M^{II}Zn₄Cl₄(Me₂bta)₆](M^{II} = Zn or Ru) featuring long-lived excited electronic states

Ying-Ya Liu, Maciej Grzywa, Markus Tonigold, German Sastre, Tanja Schüttrigkeit, Nicholas S. Leesond and Dirk Volkmer
Dalton Transactions, ASAP Article **JEOL AccuTOF with LIFDI**

Indenyl Ligands as Supports for Reactive, Low-Valent Cobalt(I) Fragments

Fernando Hung-Low and Christopher A. Bradley
Organometallics, **2011**, *30* (10), 2636–2639 **AutoSpec with LIFDI**

Chelated Ruthenium Complexes of Functionalized Pentaarylcyclopentadienes

Matthias Kanthak, Alexandra Aniol, Marco Nestola, Klaus Merz, Iris M. Oppel, and Gerald Dyker
Organometallics, **2011**, *30* (2), 215–229 **JEOL AccuTOF with LIFDI**

Donor-Acceptor Couples and Late Transition Metal Complexes of Oxidation-Labile 1,4,5,8-Tetrakis(guanidino)naphthalene Superbases

Viktorii Vitske, Pascal Roquette, Simone Leingang, Christian Adam, Elisabeth Kaifer, Hubert Wadepohl and Hans-Jörg Himmel
Eur. J. Inorg. Chem. **2011**, *10*, 1593–1604, **JEOL JMS 700 with LIFDI**

Photophysical properties of Kuratowski-type coordination compounds [M^{II}Zn₄Cl₄(Me₂bta)₆](M^{II} = Zn or Ru) featuring long-lived excited electronic states

Ying-Ya Liu, Maciej Grzywa, Markus Tonigold, German Sastre, Tanja Schüttrigkeit, Nicholas S. Leesond and Dirk Volkmer
Dalton Trans., **2011**, *40*, 5926–5938 **JEOL AccuTOF with LIFDI**

Highly Efficient Nickel-Catalyzed 2-Methyl-3-butenenitrile Isomerization: Applications and Mechanistic Studies Employing the TTP Ligand Family

Michael E. Tauchert, Daniel C. M. Warth, Sebastian M. Braun, Irene Gruber, Alexandra Ziesak, Frank Rominger, and Peter Hofmann
Organometallics, **2011**, *30* (10), 2790–2809 **JEOL JMS 700 with LIFDI**

Chelated Ruthenium Complexes of Functionalized Pentaarylcyclopentadienes

Matthias Kanthak, Alexandra Aniol, Marco Nestola, Klaus Merz, Iris M. Oppel, and Gerald Dyker
Organometallics, **2011**, *30* (2), 215–229 **JEOL AccuTOF with LIFDI**

Mononuclear Complexes of Iron(II) Based on Symmetrical Tripodand Ligands: Novel Parent Systems for the Development of New Spin Crossover Metallomesogens

Maksym Seredyuk, Ana B. Gaspar, Joachim Kusz and Philipp Gütlicz. *Anorg. Allg. Chem.* **2011**, *637*, 965–976

Bisaziridine tetracarboxylates as building blocks in the stereoselective synthesis of C₆₀-fullerene diads and dumbbell-like bis-C₆₀-fullerene triads

Alexander S. Konev, Alexander F. Khlebnikov, and Holm Frauendorf
J. Org. Chem., **2011**, *76* (15), 6218–6229 **JEOL AccuTOF**

Preparation and Characterization of a New Lacquer Based on Blending Urushiol with Thitsiol

Takayuki Honda, Xiaoming Ma, Rong Lu, Daisuke Kanamori, Tetsuo Miyakoshi
Journal of Applied Polymer Science, *121*, 2734–2742 (2011) **JEOL JMS-700 QQ-type**



Linden CMS

Auf dem Berge 25
D-28844 LEESTE
Germany
e-Mail linden @ FDMS.de
www.FDMS.de
Tel. +49 - 421 - 801 941

Linden ChromaSpec GmbH, Auf dem Berge 25, D-28844 LEESTE, Germany

Tuning the Band Gap of Low-Band-Gap Polyselenophenes and Polythiophenes: The Effect of the Heteroatom

Asit Patra, Yair H. Wijsboom, Gregory Leitus, and Michael Bendikov
Chem. Mater., **2011**, 23 (3), 896–906

GCT-P

Prediction of Molecular Weight By-Boiling-Point Distribution of Middle Distillates from Gas Chromatography–Field Ionization Mass Spectrometry (GC–FIMS)

Jinwen Chen, Norma Mclean, and Darcy Hager
Energy Fuels, **2011**, 25 (2), pp 719–726

GCT-P

Autoxidation of Branched Alkanes in the Liquid Phase

Moray S. Stark, Julian J. Wilkinson, John R. Lindsay Smith, Alfahad Alfadhli, and Bernadeta A. Pochopien
Ind. Eng. Chem. Res., **2011**, 50 (2), pp 817–823

GCT-P

Mononuclear Complexes of Iron(II) Based on Symmetrical Tripodand Ligands: Novel Parent Systems for the Development of New Spin Crossover Metallomesogens

Maksym Seredyuk, Ana B. Gaspar, Joachim Kusz, and Philipp Gütllich
Z. Anorg. Allg. Chem. **2011**, 637, 965–976

Synthesis and photophysical properties of novel mononuclear rhodium(III) phthalocyanines

Tamer Ezzat Youssef, Hanan H. Mohamed
Polyhedron, 30, 12, **2011**, 2045–2050

MAT 711A

Overcharge protection effect and reaction mechanism of cyclohexylbenzene for lithium ion batteries

Norio Iwayasua, Hidetoshi Honbua, Tatsuo Horibab
Journal of Power Sources 196 (**2011**) 3881–3886

JEOL JMS-700

Preparation and Characterization of a New Lacquer Based on Blending Urushiol with Thitsiol

Takayuki Honda, Xiaoming Ma, Rong Lu, Daisuke Kanamori, Tetsuo Miyakoshi
Journal of Applied Polymer Science, 121, 5, **2011**, 2734–2742

JEOL JMS-700

Preparation and characterization of a new lacquer based on blending urushiol with thitsiol

Takayuki Honda, Xiaoming Ma, Rong Lu, Daisuke Kanamori and Tetsuo Miyakoshi
Journal of Applied Polymer Science 121, 5, **2011**, 2734–2742

Synthesis of Gold Nanoparticles in Liquid Polyethylene Glycol by Sputter Deposition and Temperature Effects on their Size and Shape

Yoshikiyo Hatakeyama, Takeshi Morita, Satoshi Takahashi, Kei Onishi, and Keiko Nishikawa

J. Phys. Chem. C, **2011**, 115 (8), 3279–3285

Synthesis of trans-A2B2-Porphyrins Bearing Phenylethynyl Substituents

Agnieszka Nowak-Król, Beata Koszarna, Su Yeon Yoo, Jan Chrominski, Marek K. Węclawski, Chang-Hee Lee, and Daniel T. Gryko
J. Org. Chem., **2011**, 76 (8), 2627–2634

Synthesis of trans-A2B2-Porphyrins Bearing Phenylethynyl Substituents

Agnieszka Nowak-Król, Beata Koszarna, Su Yeon Yoo, Jan Chrominski, Marek K. Węclawski, Chang-Hee Lee, and Daniel T. Gryko
J. Org. Chem., **2011**, 76 (8), 2627–2634

Synthesis of Gold Nanoparticles in Liquid Polyethylene Glycol by Sputter Deposition and Temperature Effects on their Size and Shape

Yoshikiyo Hatakeyama, Takeshi Morita, Satoshi Takahashi, Kei Onishi, and Keiko Nishikawa

J. Phys. Chem. C, **2011**, 115 (8), 3279–3285

Tuning the Band Gap of Low-Band-Gap Polyselenophenes and Polythiophenes: The Effect of the Heteroatom

Asit Patra, Yair H. Wijsboom, Gregory Leitus, and Michael Bendikov
Chem. Mater., **2011**, 23 (3), 896–906

Prediction of Molecular Weight By-Boiling-Point Distribution of Middle Distillates from Gas Chromatography–Field Ionization Mass Spectrometry (GC–FIMS)

Jinwen Chen, Norma Mclean, and Darcy Hager
Energy Fuels, **2011**, 25 (2), 719–726