

- [603] W. A. Herrmann, T. Weskamp, V. P. W. Böhm, *Adv. Organomet. Chem.* **2001**, 48, 1–69 (Metal complexes of stable carbenes). **NH-Carbene Part 40**
- [604] F. E. Kühn, W. A. Herrmann, *Chemtracts* **2001**, 14(2), 59–83 (Methyltrioxorhenium).
- [605] W. A. Herrmann, *J. Organomet. Chem.* **2001**, 621(1–2), 1–2 (Preface – 65th birthday of Henri Brunner).
- [606] F. A. R. Kaul, G. T. Puchta, H. Schneider, M. Grosche, D. Mihalios, W. A. Herrmann, *J. Organomet. Chem.* **2001**, 621(1–2), 177–183 (Syntheses and properties of the novel co-catalysts N,N-dimethylanilinium- and trityl-{tetrakis[4-(trifluoromethyl)-2,3,5,6-tetrafluorophenyl]borate}).
- [607] F. A. R. Kaul, G. T. Puchta, H. Schneider, M. Grosche, D. Mihalios, W. A. Herrmann, *J. Organomet. Chem.* **2001**, 621(1–2), 184–189 (Trimethylammonium[tetrakis(pentafluorophenoxy)borate], a safe way to synthesize novel co-catalysts for olefin polymerization).
- [608] F. A. Rampf, W. A. Herrmann, *Chem. Ing. Tech.* **2001**, 73(1–2), 97–99 (High-Throughput-Katalysatorscreening unter Hochdruckbedingungen).
- [609] W. A. Herrmann, V. P. W. Böhm, C. W. K. Gstöttmayr, M. Grosche, C.-P. Reisinger, T. Weskamp, *J. Organomet. Chem.* **2001**, 617–618, 616–628 (Synthesis, structure and catalytic application of palladium(II) complexes bearing N-heterocyclic carbenes and phosphines). **NH-Carbene Part 41**
- [610] H. Schneider, G. T. Puchta, F. A. R. Kaul, G. Raudaschl-Sieber, F. Lefebvre, G. Saggio, D. Mihalios, W. A. Herrmann, J. M. Basset, *J. Mol. Catal. A: Chem.* **2001**, 170(1–2), 127–141 (Immobilization of η^5 -cyclopentadienyltris(dimethylamido)zirconium polymerization catalysts on a chlorosilane- and HMDS-modified mesoporous silica surface: a new concept for supporting metallocene amides towards heterogeneous single-site-catalysts).
- [611] E. Bencze, B. V. Lokshin, J. Mink, W. A. Herrmann, F. E. Kühn, *J. Organomet. Chem.* **2001**, 627(1), 55–66 (Vibrational spectra and structure of the cyclopentadienyl-anion (Cp^-), the pentamethylcyclopentadienyl-anion (Cp^{*-}) and of alkali metal cyclopentadienyls CpM and Cp^*M ($\text{M} = \text{Li}, \text{Na}, \text{K}$)).
- [612] L. J. Morris, A. J. Downs, T. M. Greene, G. S. McGrady, W. A. Herrmann, P. Sirsch, W. Scherer, O. Gropen, *Organometallics* **2001**, 20(11), 2344–2352 (Matrix Photochemistry of Methyltrioxorhenium(VII), CH_3ReO_3 : Formation of the Methylidene Tautomer $\text{H}_2\text{C}:\text{Re}(\text{O})_2\text{OH}$ and Its Potential Relevance to Olefin Metathesis).

- [613] V. P. W. Böhm, C. W. K. Gstöttmayr, T. Weskamp, W. A. Herrmann, *Angew. Chem.* **2001**, *113*(18), 3500–3503; *Angew. Chem. Int. Ed.* **2001**, *40*(18), 3387–3389 (Katalytische C–C-Bindungsknüpfung durch selektive Aktivierung von C–F-Bindungen). **NH-Carbene Part 42**
- [614] V. P. W. Böhm, W. A. Herrmann, *Chem. Eur. J.* **2001**, *7*(19), 4191–4197 (Mechanism of the Heck Reaction Using a Phosphapalladacycle as the Catalyst: Classical versus Palladium(IV) Intermediates).
- [615] Q. Li, P. Härter, W.-M. Xue, J.-L. Zuo, W. A. Herrmann, *J. Chem. Soc. Dalton Trans.* **2001**, (19), 2719–2720 (Mesoporous titania nanostructures thermally stabilized by doping with “sodium oxide”).
- [616] T. Leistner, L. Frey, A. Bauer, C. Schmidt, K. Lehmbacher, P. Härter, W. A. Herrmann, E. Mešić, P. Kaufmann, L. Kadinski, F. Durst, *Electrochem. Soc. Proc.* **2001**, *13*, 160–167 (Experimental and Numeric Study of the CVD of TiO₂ Using New Titanium Precursors, in “Fundamental Gas-Phase and Surface Chemistry of Vapor Deposition II/Process Control, Diagnostics and Modeling in Semiconductor Manufacturing IV”, eds. M. T. Swihart, M. D. Allendorf, M. Meyyappan).