

INSTITUT FÜR ANORGANISCHE CHEMIE  
DER UNIVERSITÄT GÖTTINGEN

Am Institut tätig :

Prof. Dr. Ing. Dr. h. c. mult. O. Glemser  
Prof. Dr. U. Klingebiel  
Prof. Dr. J. Magull  
Prof. Dr. A. Meller  
Prof. Dr. Dr. h. c. H. W. Roesky  
Prof. G. M. Sheldrick

LISTE DER VERÖFFENTLICHUNGEN

2000

1. **Ackerhans**, Carsten, Bodo **Räke**, Ralph **Krätzner**, Peter **Müller**, Herbert W. **Roesky** and Isabel **Usón**:  
Ammonolysis of trichlorosilanes.  
*Eur. J. Inorg. Chem.* 827-830 (2000)
2. **Ahrens**, Birte, Steffi **Friedrichs**, Regine **Herbst-Irmer**, Peter G. **Jones** :  
Gold(I) complexes with amine ligands, 6: Hydrogen bonding networks in bis(amine)gold(I) complexes with disulfonylamide anions.  
*Eur. J. Inorg. Chem.* 2017-2029 (2000)
3. **Bai**, Guangcai, Peter **Müller**, Herbert W. **Roesky** and Isabel **Usón**:  
Intramolecular coupling of two cyclopentadienyl ring systems of zirconium - unprecedented formation of a dihydride and preparation of the  $[\{(\text{MeC}_5\text{H}_4)\text{Zr}\}_5(\mu_5\text{-N})(\mu_3\text{-NH})_4(\mu\text{-NH}_2)_4]$  cluster in a two-phase system.  
*Organometallics* **19**, 4675-4677 (2000)
4. **Bai**, Guangcai, Herbert W. **Roesky**, Mathias **Noltemeyer**, Haijun **Hao** and Hans-Georg **Schmidt**:  
Synthesis of the first compound with a rhombohedral  $\text{Ti}_6(\mu_3\text{-NH})_6(\mu_3\text{-N})_2$  core structure by ammonolysis of a titanium chelate in a two-phase system.  
*Organometallics* **19**, 2823-2825 (2000)
5. **Baum**, Claudia, Andrea **Frenzel**, Uwe **Klingebiel**, Peter **Neugebauer**:  
Heteroaromatic-substituted silanes – synthesis, lithium derivatives and anionic rearrangements.  
*Organosilicon Chem. IV [Münchner Silicontage 4, 1998]*, 232-237 (2000)

6. **Beer, Günther:**  
Deutsche Chemikerfreunde helfen mit einer postalischen Extravaganz dem Ehepaar Professor Henri Etienne Sainte-Claire Deville während der Belagerung von Paris im Kriegswinter 1870/1871 [nach den Wöhlerbriefen an Madame Cécile Sainte-Claire Deville].  
*Museum der Göttinger Chemie - Museumsbrief* **19**, 7-15 (2000)
7. **Beer, Günther:**  
Friedrich Wöhler und einige seiner Bemerkungen zur Lebenskraft nach der Harnstoffsynthese von 1828.  
*Museum der Göttinger Chemie - Museumsbrief* **19**, 1-7 (2000)
8. **Beer, Günther und Horst Remane (Hrsg.):** *Otto Wallach 1847-1931. Chemiker und Nobelpreisträger Lebenserinnerungen: Potsdam, Berlin, Bonn, Göttingen.* Herausgegeben und kommentiert von Günther Beer und Horst Remane, Berlin: Verlag für Wissenschafts- und Regionalgeschichte Dr. Michael Engel. 2000.
9. **Beer, Günther:**  
Satire über Walther Nernst vermutlich von Hans von Wartenberg unter dem Pseudonym "Züs Colonna".  
*Museum der Göttinger Chemie - Museumsbrief* **19**, 18-24 (2000)
10. **Beer, Günther:**  
Wöhlers Glosse über die Substitution 1840 in seinem Privatbrief an Berzelius. Übertragung aus dem Französischen.  
*Museum der Göttinger Chemie - Museumsbrief* **19**, 15-18 (2000)
11. **Böhm, Claudius, Marina Schinnerl, Christian Bubert, Manfred Zabel, Thomas Labahn, Emilio Parisini and Oliver Reiser:**  
A new strategy for the stereoselective synthesis of 1,2,3-trisubstituted cyclopropanes.  
*Eur. J. Org. Chem.* (**16**) 2955-2965 (2000)
12. **Böttcher, Peter, Herbert W. Roesky:**  
Synthesis and structures of stable aminosilanes and their metal derivatives: Building blocks for metal-containing nitridosilicates.  
*Organosilicon Chem. IV [Münchener Silicontage, 4, 1998]*, 317-322 (2000)
13. **Borrmann, Thomas, Herbert W. Roesky, Uwe Ritter:**  
Biphasic hydroformylation of olefins using a novel water soluble rhodium polyethylene glycolate catalyst  
*J. Molecular Catalysis A: Chemical* **153**, 31-48 (2000)
14. **Bouregghda, A., Herbert W. Roesky:**  
Synthèse du chlorure de tri(trimethylsilyl)methanesulfenyle.  
*J. Soc. Alger. Chim.* **10**, 253-254 (2000)
15. **Bülow, Rixa von and Isabel Usón:**  
The dipotassium salt of *p*-nitro-catechol sulfate.  
*Acta Crystallogr. C* **56**, 152-153 (2000)
16. **Chakraborty, Debashis, Sabine Horchler, Herbert W. Roesky, Mathias Noltemeyer and Hans-Georg Schmidt:**  
Application of *n*-Bu<sub>4</sub>NHF<sub>2</sub> as a fluorinating agent for the preparation of fluoroanions: Synthesis and crystal structure of the anions [*t*-BuPO<sub>3</sub>AlF<sub>2</sub>]<sub>2</sub><sup>2-</sup>, [PhPO<sub>3</sub>AlF<sub>2</sub>]<sub>2</sub><sup>2-</sup>, [PhPO<sub>3</sub>AlF<sub>2</sub>]<sub>2</sub><sup>2-</sup>, and [(*O*-*i*-Pr)<sub>3</sub>Ti(μ-F)<sub>2</sub>(μ-O-*i*-Pr)Ti(*O*-*i*-Pr)<sub>3</sub>]<sup>-</sup>.  
*Inorg. Chem.* **39**, 3995-3998 (2000)
17. **Chakraborty, Debashis, Vadapalli Chandrasekhar, Manish Bhattacharjee, Ralph Krätzner, Herbert W. Roesky, Mathias Noltemeyer and Hans-Georg Schmidt:**  
Metal alkoxides as versatile precursors for group 4 phosphonates: Synthesis and X-ray structure of a novel organosoluble zirconium phosphonate.  
*Inorg. Chem.* **39**, 23-26 (2000)

18. **Cui, Chunming, Herbert W. Roesky, Haijun Hao, Hans-Georg Schmidt and Mathias Noltemeyer:**  
The first structurally characterized metal - SeH compounds: [LAl(SeH)<sub>2</sub>] and [L(HSe)AlSeAl(SeH)L].  
*Angew. Chem.* **112**, 1885-1887 (2000); *Angew. Chem., Int. Ed.* **39**, 1815-1817 (2000)
19. **Cui, Chunming, Herbert W. Roesky, Hans-Georg Schmidt and Mathias Noltemeyer:**  
[HC(Cme)(NAr)]<sub>2</sub>Al[NSiMe<sub>3</sub>)<sub>2</sub>N<sub>2</sub>](Ar=2,6-*i*Pr<sub>2</sub>C<sub>6</sub>H<sub>3</sub>): The first five-membered AlN<sub>4</sub> ring system.  
*Angew. Chem.* **112**, 4705-4707 (2000); *Angew. Chem., Int. Ed.* **39**, 4531-4533 (2000)
20. **Cui, Chunming, Herbert W. Roesky, Mathias Noltemeyer and Hans-Georg Schmidt:**  
Syntheses and structures of the arylaluminum chalcogenides (ArAlE)<sub>2</sub> (Ar = 2-(NEt<sub>2</sub>CH<sub>2</sub>)-6-MeC<sub>6</sub>H<sub>3</sub>, E = Se; Ar = 2,6-(NEt<sub>2</sub>CH<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>, E = Se, Te).  
*Inorg. Chem.* **39**, 3678-3681 (2000)
21. **Cui, Chunming, Haijun Hao, Mathias Noltemeyer, Hans-Georg Schmidt, Herbert W. Roesky:**  
Synthesis and characterization of 1-aza-allyl complexes of aluminum, gallium and bismuth.  
*Polyhedron* **19**, 471-474 (2000)
22. **Cui, Chunming, Herbert W. Roesky, Hans-Georg Schmidt, Mathias Noltemeyer, Haijun Hao, Fanica Cimpoesu:**  
Synthesis and structure of a monomeric aluminum(I) compound [HC(CMeNAr)<sub>2</sub>]Al (Ar = 2,6-*i*Pr<sub>2</sub>C<sub>6</sub>H<sub>3</sub>):  
A stable aluminum analogue of a carbene  
*Angew. Chem.* **112**, 4444-4446 (2000); *Angew. Chem. Int. Ed.* **39**, 4274-4276 (2000)
23. **Czapinska, Honorata, Jacek Otlewski, Szymon Krzywda, George M. Sheldrick and Mariusz Jaskólski:**  
High-resolution structure of bovine pancreatic trypsin inhibitor with altered binding loop sequence.  
*J. Mol. Biol.* **295**, 1237-1249 (2000)
24. **Diedrich, Friedhelm, Uwe Klingebiel, Fabio Dall' Antonia, Christoph Lehmann, Mathias Noltemeyer and Thomas Schneider:**  
Asymmetric tris- and cyclic silylhydroxylamines from trimeric and tetrameric lithium-N,N'-bis(silyl)hydroxylamides.  
*Organometallics* **19**, 5376-5383 (2000)
25. **Gellermann, Eike, Uwe Klingebiel und Martina Schäfer:**  
*tert*-Butyldiphenylsilylhydrazin - ein Baustein für Tetrakis-silylhydrazine, Silylhydrazone und O-Silylpyrazolone.  
*Z. Anorg. Allg. Chem.* **626**, 1131-1136 (2000)
26. **Gellermann, Eike, Uwe Klingebiel, Henning Witte-Abel und Martina Schäfer:**  
Cyclische Silylhydrazine - Kristallstrukturen isomerer fünf- und sechsgliedriger Ringe.  
*Z. Naturforsch.* **55b**, 504-510 (2000)
27. **Gellermann, Eike, Uwe Klingebiel, Henning Witte-Abel:**  
Silylhydrazines: Lithium derivatives, oxidation and condensation reactions.  
*Organosilicon Chem. IV [Münchner Silicontage 4, 1998]*, 252-257 (2000)
28. **Gorol, Michael, Nadia C. Mösch-Zanetti, Mathias Noltemeyer and Herbert W. Roesky:**  
Water-soluble and halogen-free hexaammine complexes of metal ions of group 9 - synthesis, crystal structures, and vibrational spectra.  
*Z. Anorg. Allg. Chem.* **626**, 2318-2324 (2000)
29. **Groh, Thomas, Gernot Elter, Mathias Noltemeyer, Hans-Georg Schmidt and Anton Meller:**  
2-Alkenyl-1,2,3-diazaborena-5-cyclopentenone products of rearrangement reactions from lithiated ketazines and various halofunctional aryl-, amino- and aryloxyboranes.  
*Main Group Met. Chem.* **23**, 709-718 (2000)
30. **Groh, Thomas, Gernot Elter, Mathias Noltemeyer, Hans-Georg Schmidt and Anton Meller:**  
1,5-Diaza-2,6-diborabicyclo[3.3.0]octadienes: Products of the reactions of trihaloboranes with ketazines.  
*Organometallics* **19**, 2477-2481 (2000)

- 31. Guzyr, Olexandr I., Jörg Prust, Herbert W. Roesky, Christopher Lehmann, Markus Teichert and Fanica Cimpoesu:**  
Hydrolysis of ( $\eta^5\text{C}_5\text{Me}_5$ ) $\text{MMe}_4$  (M = Mo, W) and the formation of organometallic oxides with  $\mu_3\text{-CH}$  methylidyne and  $\mu\text{-CH}_2$  methyldene groups: Model compounds for catalysis and metal oxide surfaces. *Organometallics* **19**, 1549-1555 (2000)
- 32. Guzyr, Olexandr I., Rolf Siefken, Debashis Chakraborty, Herbert W. Roesky, and Markus Teichert:**  
Synthesis and structure of organic-soluble binuclear molecular phosphonates of tantalum, molybdenum and tungsten. *Inorg. Chem.* **39**, 1680-1683 (2000)
- 33 Hao, Haijun, Chunming Cui, Guangcai Bai, Herbert W. Roesky, Mathias Noltemeyer, Hans-Georg Schmidt, Yuqiang Ding:**  
Bis(arylimido) Molybdän(VI) Amidinat und Guanidinat Komplexe; Strukturbestimmungen von  $[\text{ArN})_2\text{MoMe}\{\text{N}(\text{Cy})\text{C}[\text{N}(i\text{-Pr})_2]\text{N}(\text{Cy})\}]$  (Ar = 2,6-*i*-Pr<sub>2</sub>C<sub>6</sub>H<sub>3</sub>; Cy = Cyclohexyl) und  $[(2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3\text{N})_2\text{MoCl}_2] \cdot [\text{NH}=\text{C}(\text{C}_6\text{H}_5)\text{CH}(\text{SiMe}_3)_2]$ . *Z. Anorg. Allg. Chem.* **626**, 1660-1664 (2000)
- 34. Hao, Haijun, Herbert W. Roesky, Chunming Cui, Hans-Georg Schmidt, Mathias Noltemeyer, Peihua Yu and Guangcai Bai:**  
Synthese und Struktur des Tetramers  $[\text{Cp}^*\text{V}(\mu\text{-F})_2]_4$  (Cp\* = C<sub>5</sub>Me<sub>5</sub>); Die Darstellung des Imidomolybdänfluorids  $[(2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3\text{N})_2\text{MoF}_2] \cdot \text{THF}$  und die Strukturklärung von  $[(2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3\text{N})_6\text{Mo}_4(\mu_3\text{-F})_2\text{Me}_2(\mu\text{-O})_4]$ . *Z. Anorg. Allg. Chem.* **626**, 368-373 (2000)
- 35. Hatop, Hagen, Herbert W. Roesky, Thomas Labahn, Axel Fischer, Hans-Georg Schmidt, and Mathias Noltemeyer:**  
Syntheses and structures of new organoaluminum fluorides. *Organometallics* **19**, 937-940 (2000)
- 36. Il'in, E. G., V. V. Kovalev, G. G. Aleksandrov Herbert W. Roesky and Yu. A. Buslaev:**  
Octahedral coordination of zirconium in the trinuclear complex of  $[\text{ZrF}_2(\text{Ph}_2\text{PO}_2)_2]_3 \cdot 3\text{DMSO}$ . *Dokl. Chem.* **375**, 260-262 (2000) [Transl. from *Dokl. Akad. Nauk* **375**, 484-486]
- 37. Jaschke, Bettina, Regine Herbst-Irmer, Uwe Klingebiel und Thomas Pape:**  
*Cis*-2,4-Diamino-2,4-dichloro-1,3-bis(di-*tert*-butylmethylsilyl)cyclodisilazane - synthesis and crystal structure. *J. Chem. Soc., Dalton Trans.* 1827-1828 (2000)
- 38. Jaschke, Bettina, Uwe Klingebiel, Ralf Riedel, Natasa Doslik and Rainer Gadow:**  
Cyclodisilazanes and borazines: Polymer precursors to silicon- and boron-containing ceramics. *Appl. Organomet. Chem.* **14**, 671-685 (2000)
- 39. Jaschke, Bettina, Uwe Klingebiel, Peter Neugebauer:**  
Cyclodisilazanes with SiH<sub>2</sub>, SiHal<sub>2</sub>, Si(Hal)NH<sub>2</sub> groups – experiments and molecular orbital ab initio calculations. *Organosilicon Chem. IV [Münchner Silicontage 4, 1998]*, 258-263 (2000)
- 40. Jendras, Michael, Uwe Klingebiel, Jörg Niesmann:**  
Iminosilanes: Precursors of new rings and unknown ring systems. *Organosilicon Chem. IV [Münchner Silicontage 4, 1998]*, 264-269 (2000)
- 41. Klimek, Klaus S., Chunming Cui, Herbert W. Roesky, Mathias Noltemeyer, Hans-Georg Schmidt:**  
Synthesis and characterization of 1-aza-allyl complexes with Al-Al, Ga-Ga, and In-In bonds. *Organometallics* **19**, 3085 – 3090 (2000)

42. **Kuhn, Peter, Ashley M. Deacon, Silvana Comoso, G. Rajaseger, R. Manjunatha Kini, Isabel Usón and Prasanna R. Kolatkar:**  
The atomic resolution structure of bucanidin, a novel toxin isolated from the Malayan krait, determined by direct methods.  
*Acta Cryst. D56*, 1401-1407 (2000)
43. **Kumara Swamy, K. C., Sudha Kumaraswamy, Musa A. Said, R. S. Krishna Kishore, Regine Herbst-Irmer, Melanie Pülm :**  
Cyclic hexacoordinate phosphorus compounds.  
*Current Science 78*, 473-478 (2000)
44. **Maringgele, Walter, Mathias Noltemeyer, Jörg Teichgräber and Anton Meller:**  
Reduction of piperidino- and related sec.amino(dihalogeno)boranes with LiAlH<sub>4</sub> in Toluene and related reactions.  
*Main Group Met. Chem. 23*, 735-760 (2000)
45. **Meyer, Franc; Hyla-Kryspin, Isabella; Kaifer, Elisabeth; Kircher, Peter:**  
Cooperative binding of nitrile moieties within a bimetallic pocket: Enforcing side- on  $\pi$ -interaction with a high-spin nickel(II) site.  
*Eur. J. Inorg. Chem. (4)*, 771-781 (2000)
46. **Mlostoń, Grzegorz, Stanislaw Lesniak, Anthony Linden and Herbert W. Roesky:**  
Ambiguous reactivity of a fluorinated thiocarbonyl *S*-imide; unprecedented rearrangement under FVP conditions.  
*Tetrahedron 56*, 4231 – 4238 (2000)
47. **Mösch-Zanetti, Nadia C., Ralph Krätzner, Christopher Lehmann, Thomas R. Schneider and Isabel Usón:**  
Titanium(III) compounds with  $\eta^2$ -pyrazolato ligands.  
*Eur. J. Inorg. Chem. (1)* 13-16 (2000)
48. **Müller, Peter, Isabel Usón, Jörg Prust and Herbert W. Roesky:**  
Tetrameric indium trichloride, a new modification of a widely used compound.  
*Acta Crystallogr. C56*, 1300-1301 (2000)
49. **Muthiah, C., Musa A. Said, M. Pülm, Regine Herbst-Irmer, K.C. Kumara Swamy :**  
New phosphoranes with five and seven-membered rings: Influence of the nature of the substituents on hydrogen bonding.  
*Polyhedron 19*, 63-68 (2000)
50. **Neugebauer, Peter, Uwe Klingebiel und Mathias Noltemeyer:**  
Silylfulrane und Bis(silyl)butadiene - Synthese, Lithiumderivate, Kristallstrukturen.  
*Z. Naturforsch. 55b*, 913-923 (2000)
51. **Nötzel, Marcus W., Markus Tamm, Thomas Labahn, Mathias Noltemeyer, Mazen Es-Syed and Armin de Meijere:**  
A new and efficient access to oxazoline-5-carboxylates and amino acid derivatives with cyclopropyl groups.  
*J. Org. Chem. 65*, 3850-3852 (2000)
52. **Pu, Lihung, Philip P. Power, Imke Boltes and Regine Herbst-Irmer :**  
Synthesis and characterization of the metalloplumbylenes ( $\eta^5$ -C<sub>5</sub>H<sub>5</sub>)(CO)<sub>3</sub>M-Pb-C<sub>6</sub>H<sub>3</sub>-2,6-Trip<sub>2</sub> (M = Cr, Mo, W; Trip = -C<sub>6</sub>H<sub>2</sub>-2,4,6-i-Pr<sub>3</sub>).  
*Organometallics 19*, 352-356 (2000)
53. **Radfar, Ramin, Ronald Shin, George M. Sheldrick, Wladek Minor, Charles R. Lovell, Jerome D. Odom, R. Bruce Dunlap, Lukasz Lebioda:**  
The crystal structure of N<sup>10</sup>-formyltetrahydrofolate synthetase from *Moorella thermoacetica*.  
*Biochemistry 39*, 3920-3926 (2000)

- 54. Reissmann, Ulrike, Peter Poremba, Mathias Noltemeyer, Hans-Georg Schmidt, Frank T. Edelmann:**  
Cyclooctatetraenyl complexes of the early transition metals and lanthanides. Part XII. New sandwich and half-sandwich complexes of the lanthanides containing cyclooctatetraenyl ligands.  
*Inorg. Chim. Acta.* **303**, 156-162 (2000)
- 55. Rennekamp, Carsten, Andreas Stasch, Peter Müller, Herbert W. Roesky, Mathias Noltemeyer, Hans-Georg Schmidt, Isabel Usón:**  
Reaction of dimethylaluminumfluoride with primary amines  $\text{RNH}_2$  ( $\text{R} = t\text{-Bu}, 2,6\text{-}i\text{-Pr}_2\text{C}_6\text{H}_3$ ).  
*J. Fluorine Chem.* **102**, 17-20 (2000)
- 56. Rennekamp, Carsten, Peter Müller, Jörg Prust, Helge Wessel, Herbert W. Roesky and Isabel Usón:**  
Si-NH-M cage compounds – molecular iminosilicates containing group 13 metals and their functionalized halogen containing derivatives.  
*Eur. J. Inorg. Chem.* 1861-1868 (2000)
- 57. Roesky, Herbert W., Andreas Stasch, Hagen Hatop, Carsten Rennekamp, David H. Hamilton, Mathias Noltemeyer und Hans-Georg Schmidt:**  
Eine einfache Synthese für Difluordiorganometallate der 13. Gruppe:  $[\text{nBu}_4\text{N}][\text{R}_2\text{MF}_2]$  ( $\text{M} = \text{Al}, \text{Ga}; \text{In}$ ).  
*Angew. Chem.* **112**, 177-179 (2000); *Angew. Chem., Int. Ed.* **39**, 171-173 (2000)
- 58. Roesky, Herbert W., Ionel Haiduc:**  
Molecular solids: self-assembled host-guest organometallic aggregates.  
*Adv. Mol. Struct. Res.* **6**, 75- 95 (2000)
- 59. Roesky, Herbert W.:**  
Shuttle - Ein spektakulärer Versuch zum Verbrennen von Kohlenwasserstoffen.  
*Praxis d. Naturwiss. -Chem.* **49**, (1), 2-3 (2000)
- 60. Roesky, Herbert W., Ray J. Butcher, Sangeeta Bajpai, Prakash C. Srivastava:**  
A unique supramolecular structure of poly  $[\mu\text{-oxo-bis}(1,1,2,3,4,5\text{-hexahydro-1-nitratotellurophene})]$   $[\text{C}_4\text{H}_8\text{TeNO}_3)_2\text{O}]_N$  with ---O-Te-O-Te-O--- cross linked chains  
*Phosphorus, Sulfur and Silicon* **161**, 135 – 141 (2000)
- 61. Schneider, Jörg J., Dirk Spickermann, Thomas Labahn, Jörg Magull, Marco Fontani, Franco Laschi and Piero Zanello:**  
Mono-, di-, and trimetallic complexes of the nonalternating polycondensed  $\pi$ -perimeter decacyclene,  $\text{C}_{36}\text{H}_{18}$ : Synthesis, structure, and spectroelectrochemistry of  $[\{(\eta^5\text{-Me}_4\text{EtC}_5)\text{Co}\}_2(\mu\text{-}\eta^5\text{:}\eta^4\text{-C}_{36}\text{H}_{18})]$ .  
*Chem. Eur. J.* **6**, 3686-3691 (2000)
- 62. Schneider, Thomas R., Jörg Kärcher, Ehmke Pohl, Paolo Lubini, George M. Sheldrick:**  
Ab initio structure determination of the lantibiotic mersacidin.  
*Acta Cryst.* **D56**, 705-713 (2000)
- 63. Schneider, Thomas R.:**  
Objective comparison of protein structures: Error-scaled difference distance matrices.  
*Acta Cryst.* **D56**, 714-721 (2000)
- 64. Schormann, Mark, Herbert W. Roesky, Mathias Noltemeyer, Hans-Georg Schmidt:**  
Diphenyllead difluoride and triphenylbismuth difluoride - new fluorinating reagents for the chlorine-fluorine metathesis reactions of group 4 and 5 compounds.  
*J. Fluorine Chem.* **101**, 75-80 (2000)
- 65. Steuber, Egbert von, Gernot Elter, Mathias Noltemeyer, Hans-Georg Schmidt and Anton Meller:**  
First B-organyloxy-substituted iminoboranes: Preparation, stabilization and reactivity.  
*Organometallics* **19**, 5083-5091 (2000)
- 66. Thiemann, Thies, Daisuke Ohira, Yuanqiang Li, Tsuyoshi Sawada, Shuntaro Mataka, Karsten Rauch, Mathias Noltemeyer and Armin de Meijere:**  
 $[4 + 2]$  Cycloaddition of thiophene S-monoxides to activated methylenecyclopropanes.  
*J. Chem. Soc., Perkin Trans. 1* 2968-2976 (2000)

- 67. Witt, Michael and Herbert W. Roesky:**  
Organoaluminum chemistry at the forefront of research and development.  
*Curr. Sci.* **78**, 410-430 (2000)
- 68. Yilmaz, Veysel T., Ahmet Karadag, Carsten Thöne and Regine Herbst-Irmer :**  
*trans*-Bis(diethanolamine)bis(isothiocyanato)nickel(II).  
*Acta Crystallogr.* **C56**, 948-949 (2000)
- 69. Zezschwitz, Paultheo von, Katharina Voigt, Mathias Noltemeyer, Armin de Meijere:**  
A new methodology for ring enlargements by the oxy-cope rearrangement: Ready access to highly functionalized medium-size rings.  
*Synthesis* 1327-1340 (2000)
- 70. Zheng, Wenjun, Nadia C. Mösch-Zanetti, Herbert W. Roesky, Mathias Noltemeyer, Manuel Hewitt, Hans-Georg Schmidt and Thomas R. Schneider:**  
Alumoxane hydride and aluminum chalcogenide hydride compounds with pyrazolato ligands.  
*Angew. Chem.* **112**, 4446-4449 (2000); *Angew. Chem., Int. Ed.* **39**, 4276-4279 (2000)
- 71. Zheng, Wenjun, Nadia C. Mösch-Zanetti, Herbert W. Roesky, Manuel Hewitt, Fanica Cimpoesu, Thomas R. Schneider, Andreas Stasch and Jörg Prust:**  
The first structurally characterized aluminum compounds with terminal acetylide groups.  
*Angew. Chem.* **112**, 3229-3231 (2000); *Angew. Chem., Int. Ed.* **39**, 3099-3100 (2000)