

**INSTITUT FÜR ANORGANISCHE CHEMIE
DER UNIVERSITÄT GÖTTINGEN**

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LISTE DER VERÖFFENTLICHUNGEN

2006

1. **Armbruster**, Florian; **Armbruster**, Nina; **Klingebiel**, Uwe; **Noltemeyer**, Mathias; **Schmatz**, Stefan:
Cyclisierung von Di(*tert*-butyl-methyl)ketazin zu 1,2-Diaza-3-bora- und 1,2-Diaza-3-sila-cyclopent-5-enen.
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2. **Armbruster**, Florian; **Klingebiel**, Uwe; **Noltemeyer**, Mathias:
Von Ketazinen zu 1,2-Diaza-3-phospha-cyclopent-5-enen, -penta-3,5-dienen, 1,5-Diaza-2,6-diphospha-bicyclo[3.3.0]octa-3,7-dien und einem Cyclohexaphosphan.
Z. Naturforsch. **61b**(3), 225-236 (2006)
3. **Armbruster**, Nina; **Klingebiel**, Uwe; **Noltemeyer**, Mathias:
1,2-Diaza-3-silacyclopent-5-ene – Synthese und Reaktionen.
Z. Anorg. Allg. Chem. **632**(6), 1097-1107 (2006)
4. **Beer**, Günther:
Friedrich Stromeyer und sein Schüler Edward Turner, 1828 der erste Chemiker am University College, London.
Museum der Göttinger Chemie – Museumsbrief **25**, 3-13 (2006)
5. **Beer**, Günther:
Gustav Ferdinand Heyse aus Aschersleben und die Autographengeschenke von Wöhler 1858-1882.
Museum der Göttinger Chemie – Museumsbrief **25**, 14-29 (2006)
6. **Beer**, Günther:
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7. **Bender, Tobias; Schuhmann, Tim; Magull, Jörg; Grond, Stephanie; von Zezschwitz, Paultheo:**
Comprehensive study of okaspirodiol: Characterization, total synthesis, and biosynthesis of a new metabolite from *Streptomyces*.
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9. **Christl, Manfred; Braun, Martin; Fischer, Hartmut; Groetsch, Stefan; Müller, Germar; Leusser, Dirk; Deuerlein, Stephan; Stalke, Dietmar; Arnone, Mario; Engels, Bernd:**
The stereochemical course of the generation and interception of a six-membered cyclic allene: 3 δ^2 -1*H*-naphthalene (2,3-didehydro-1,2-dihydronaphthalene).
Eur. J. Org. Chem. (22), 5045-5058 (2006)
10. **Cuesta-Seijo, Jose A.; Weiss, Manfred S.; Sheldrick, George M.:**
Serendipitous SAD phasing of an echinomycin-(ACGTACGT)₂ bisintercalation complex.
Acta Crystallogr. **D62**(4), 417-424 (2006)
11. **Demeshko, Serhiy; Leibelng, Guido; Dechert, Sebastian; Meyer, Franc**
Targeted construction of azido-bridged Ni₄ complexes with decisive effect of μ -1,3-azide torsion on the spin ground state.
Dalton Trans. (28), 3458-3465 (2006)
12. **Feigel, Martin; Ladberg, Rüdiger; Engels, Simon; Herbst-Irmer, Regine; Fröhlich, Roland :**
Ein Kleeblattknoten aus Aminosäuren und Steroiden.
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13. **Fritsky, Igor O.; Kozłowski, Henryk; Kandal, Olga M.; Haukka, Matti; Świątek-Kozłowska, Jolanta; Gumienna-Kontecka, Elzbieta; Meyer, Franc:**
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15. **Gostevskii, Boris; Zamstein, Noa; Korlyukov, Alexander A.; Baukov, Yuri I.; Botoshansky, Mark; Kaftory, Menahem; Kocher, Nikolaus; Stalke, Dietmar; Kalikhman, Inna; Kost, Daniel:**
Donor-stabilized silyl cations. 11. Bis-zwitterionic penta- and hexacoordinate silicon dichelate complexes derived from (ClCH₂)₂SiCl₂ through double internal displacement of chloride.
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18. **Khlebnikov, A. F.; Novikov, M. S.; Amer, A. A.; Kostikov, R. R.; Magull, J.; Vidovic, D.:**
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19. **Klingebiel**, Uwe; **Noltemeyer**, Mathias; **Wand**, Annette:
Diphenosilyliminoquinones – a 14 π -system
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20. **Klingebiel**, Uwe; **Helmold**, Nina; **Schmatz**, Stefan:
Intramolecular interconversions in cyclosilazane chemistry: A joint experimental-theoretical study.
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21. **Li**, Xiaofei; **Song**, Haibin; **Duan**, Lili; **Cui**, Chunming; **Roesky**, Herbert W.:
C-H-activated aluminum hydroxide via molecular oxygen.
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22. **Löbl**, Jiri; **Pinkas**, Jiri; **Roesky**, Herbert W.; **Plass**, Winfried; **Görls**, Helmar:
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23. **Lyashenko**, Ganna; **Jancik**, Vojtech; **Pal**, Aritra; **Herbst-Irmer**, Regine; **Mösch-Zanetti**, Nadia C.:
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25. **Ma**, Xiaoli; **Yang**, Zhi; **Schulzke**, Carola; **Schmidt**, Hans-Georg; **Noltemeyer**, Mathias:
An unprecedented example of polyoxotungstates: Synthesis and characterization of an octatungstate complex $[\text{W}_8\text{O}_{19}\text{L}_3(\text{acac})_4]$; ($\text{L} = \text{O}(\text{CH}_2)_3\text{S}(\text{CH}_2)_3\text{O}^-$).
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26. **Madalan**, Augustin M.; **Noltemeyer**, Mathias; **Neculai**, Mirela; **Roesky**, Herbert W.; **Schmidtman**, Marc; **Müller**, Achim; **Journaux**, Yves; **Andruh**, Marius:
Chemistry at the apical position of square-pyramidal copper(II) complexes: Synthesis, crystal structures, and magnetic properties of homopolynuclear complexes with azido bridges containing $[\text{Cu}(\text{AA})(\text{BB})]^+$ moieties (AA = acetylacetonate; BB = 1,10-phenanthroline, bipy = 2,2'-bipyridine).
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27. **Marradi**, Marco; **Brandi**, Alberto; **Magull**, Jörg; **Schill**, Heiko; **de Meijere**, Armin:
New highly strained multifunctional heterocycles by intramolecular cycloadditions of nitrones to bicyclopropylidene moieties.
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Synthesis and stereochemical investigations of novel nitrogen-containing 13 α -estrone derivatives.
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29. **Meyer**, Franc:
Clues to dimetallohydrolase mechanisms from studies on pyrazolate-based bioinspired dizinc complexes - experimental evidence for a functional Zn-O₂H₃-Zn motif.
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31. **Nembenna**, Sharanappa; **Roesky**, Herbert W.; **Mandal**, Swadhin K.; **Oswald**, Rainer B.; **Pal**, Aritra; **Herbst-Irmer**, Regine; **Noltemeyer**, Mathias; **Schmidt**, Hans-Georg:
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Stable monomeric germanium(II) and tin(II) compounds with terminal hydrides.
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36. **Roesky**, Herbert W.:
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38. **Roesky**, Herbert W.:
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39. **Roesky**, Herbert W.:
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43. **Schumann**, Herbert; **Freckmann**, Dominique M. M.; **Dechert**, Sebastian:
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Synthese und Charakterisierung neuer intramolekular stickstoffstabilisierter Organoaluminium- und Organogalliumalkoxide.
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45. **Sevvana, Madhumati; Biadene, Marianna; Ma, Qingjun; Guo, Chaoshe; Söling, Hans Dieter; Sheldrick, George M.; Ferrari, David M.:**
Structural elucidation of the PDI-related chaperone Wind with the help of mutants.
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46. **Singh, Sanjay; Roesky, Herbert W.; Pal, Aritra; Herbst-Irmer, Regine:**
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50. **Sorace, Lorenzo; Golze, Christian; Gatteschi, Dante; Bencini, Alessandro; Roesky, Herbert W.; Chai, Jianfang; Stückl, A. Claudia :**
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Synthesis of an aluminum spirocyclic hybrid with an inorganic B_2O_3 and an organic C_3N_2 core.
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