

**INSTITUT FÜR ANORGANISCHE CHEMIE
DER GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN**

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LISTE DER VERÖFFENTLICHUNGEN

2011

1. **Abdalla**, Muna Ali ; **Yadav**, Prem P. ; **Dittrich**, Birger ; **Schöffler**, Anja ; **Laatsch**, Hartmut:
ent-Homoabyssomicins A and B, two new spirotetronate metabolites from *Streptomyces* sp. Ank 210.
Org. Lett. **13**(9), 2156-2159 (2011)
2. **Abdalla**, Muna Ali ; **Yadav**, Prem P. ; **Dittrich**, Birger ; **Schöffler**, Anja ; **Laatsch**, Hartmut:
Additions and corrections: *ent*-Homoabyssomicins A and B, two new spirotetronate metabolites from
Streptomyces sp. Ank 210.
Org. Lett. **13**(19), 5409 (2011)
3. **Albers**, Antonia ; **Demeshko**, Serhiy ; **Dechert**, Sebastian ; **Bill**, Eckhard ; **Bothe**, Eberhard ; **Meyer**, Franc:
Die vollständige Charakterisierung eines reduzierten biomimetischen [2Fe-2S]-Clusters.
Angew. Chem. **123**(39), 9357-9361 (2011); *Angew. Chem. Int. Ed.* **50**(39), 9191-9194 (2011)
4. **Appel**, Thomas ; **Waitz**, Thomas:
Hochstapelei – die Volta-Batterie selbst gebaut.
In: *T3-Naturwissenschaften, Natuwissenschaftlichen Phänomenen auf der Spur.* -
F. Liebner (Hrsg.), 2011, S. 45-49
5. **Appel**, Thomas ; **Waitz**, Thomas:
Intensität einer Lichtquelle und deren Abhängigkeit von der Entfernung.
In: *T3-Naturwissenschaften, Natuwissenschaftlichen Phänomenen auf der Spur.* -
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6. **Azhakar**, Ramachandran ; **Tavčar**, Gašper ; **Roesky**, Herbert W. ; **Hey**, Jakob ; **Stalke**, Dietmar:
Facile synthesis of a rare chlorosilylene-BH₃ adduct.
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7. **Azhakar**, Ramachandran ; **Sarish**, Sankaranarayana Pillai ; **Tavčar**, Gašper ; **Roesky**, Herbert W. ; **Hey**, Jakob ; **Stalke**, Dietmar ; **Koley**, Debasis:
Formation of silicon centered spirocyclic compounds: reaction of *N*-heterocyclic stable silylene with benzoylpyridine, diisopropyl azodicarboxylate, and 1,2-diphenylhydrazine.
Inorg. Chem. **50(7)**, 3028-3036 (2011)
8. **Azhakar**, Ramachandran ; **Ghadwal**, Rajendra S. ; **Roesky**, Herbert W. ; **Hey**, Jakob ; **Stalke**, Dietmar:
Reactions of stable *N*-heterocyclic silylenes with ketones and 3,5-di-*tert*-butyl-*o*-benzoquinone.
Organometallics **30(14)**, 3853-3858 (2011)
9. **Azhakar**, Ramachandran ; **Sarish**, Sankaranarayana Pillai ; **Roesky**, Herbert W. ; **Hey**, Jakob ; **Stalke**, Dietmar:
Regiospecific C–H bond activation: reactivity study of *N*-heterocyclic silylene toward ambidentate phosphorus ylide.
Organometallics **30(11)**, 2897-2900 (2011)
10. **Azhakar**, Ramachandran ; **Sarish**, Sankaranarayana Pillai ; **Roesky**, Herbert W. ; **Hey**, Jakob ; **Stalke**, Dietmar:
Syntheses of group 7 metal carbonyl complexes with a stable *N*-heterocyclic chlorosilylene.
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11. **Bak**, Joanna Maria ; **Domagala**, Slawomir ; **Hübschle**, Christian ; **Jelsch**, Christian ; **Dittrich**, Birger ; **Dominiak**, Paulina Maria:
Verification of structural and electrostatic properties obtained by the use of different pseudoatom databases.
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12. **Beer**, Günther:
Das Gebäude der Göttinger Ratsapotheke nach Plänen von 1734 mit dem 1720 neu erbauten Apothekenlaboratorium.
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13. **Beer**, Günther:
Die Einrichtungen des 1720 erbauten Laboratoriums der Ratsapotheke nach Plänen von 1844 und mit den damals projektierten Neuerungen.
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14. **Beer**, Günther:
Eine Göttinger Gedenktafel für Wilhelm August E. Lampadius „chemischer Technologe“ Göttinger Apothekerlehrling und Göttinger Student der Chemie, Professor an der Bergakademie in Freiberg in Sachsen.
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15. **Beer**, Günther:
Plan eines unbekanntem chemischen (oder pharmazeutischen?) Lehr-Laboratoriums von “1869”.
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16. **Brand**, Christian ; **Granitzka**, Markus ; **Stalke**, Dietmar ; **Werz**, Daniel B.:
Reducing the conformational flexibility of carbohydrates: locking the 6-hydroxyl group by cyclopropanes.
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17. **Bronner**, Catherine ; **Wenger**, Oliver S.:
Luminescent cyclometalated gold(III) complexes.
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18. **Burger**, Boris ; **Dechert**, Sebastian ; **Große**, Christian ; **Demeshko**, Serhiy ; **Meyer**, Franc:
Visualising the carboxylate shift at a bioinspired diiron(II) site in the solid state.
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19. **Chernikov**, Alexej ; **Horst**, Swantje ; **Waitz**, Thomas ; **Tiemann**, Michael ; **Chatterjee**, Sangam:
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21. **Das**, Animesh ; **Gieb**, Klaus ; **Krupskaya**, Yulia ; **Demeshko**, Serhiy ; **Dechert**, Sebastian ;
Klingeler, Rüdiger ; **Kataev**, Vladislav ; **Büchner**, Bernd ; **Müller**, Paul ; **Meyer**, Franc:
A new family of 1D exchange biased heterometal single-molecule magnets: observation of pronounced quantum tunneling steps in the hysteresis loops of quasi-linear {Mn₂Ni₃} clusters.
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22. **Das**, Animesh ; **Demeshko**, Serhiy ; **Dechert**, Sebastian ; **Meyer**, Franc:
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Eur. J. Inorg. Chem.(8), 1240-1248 (2011)
23. **Davydenko**, Yuliya M. ; **Fritsky**, Igor O. ; **Pavlenko**, Vadim O. ; **Meyer**, Franc ; **Dechert**, Sebastian:
Chloridotris(3,5-dimethyl-1*H*-pyrazole-κ*N*⁻)(formato-κO)copper(II)-dichlorido-bis(3,5-dimethyl-1*H*-pyrazole-κ*N*⁻)-copper(II) (2/1).
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25. **Fabbiani**, Francesca P. A. ; **Arlin**, Jean-Baptiste ; **Buth**, Gernot ; **Dittrich**, Birger ; **Florence**, Alastair J. ;
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Intermolecular interactions, disorder and twinning in ciprofloxacin-2,2-difluoroethanol (2/3) and ciprofloxacin–water (3/14.5).
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26. **Frensch**, Lina K. ; **Pröpper**, Kevin ; **John**, Michael ; **Demeshko**, Serhiy ; **Brückner**, Christian ; **Meyer**, Franc:
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27. **Ghadwal**, Rajendra S. ; **Roesky**, Herbert W. ; **Pröpper**, Kevin ; **Dittrich**, Birger ; **Klein**, Susanne ;
Frenking, Gernot:
A dimer of silaisonitrile with two-coordinate silicon atoms.
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Donor-acceptor-stabilized silicon analogue of an acid anhydride.
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Geometric properties of nucleic acids with potential for autobuilding.
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Integrated analysis of the conformation of a protein-linked spin label by crystallography, EPR and NMR spectroscopy.
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Microsecond charge recombination in a linear triarylamine-Ru(bpy)₃²⁺-anthraquinone triad.
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Organic mixed valence.
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Photoswitchable organic mixed valence in dithienylcyclopentene systems with tertiary amine redox centers.
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MoleCoolQt – a molecule viewer for charge-density research.
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40. **Irmer, Erhard ; Waitz, Thomas:**
(Ein-)Blick in die Wissenschaft.
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41. **Irmer, Erhard ; Roesky, Herbert W. :**
Im Cola- und Champagnerrausch.
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42. **Jahnke, Ann Christin ; Herter, Anastasia ; Dechert, Sebastian ; John, Michael ; Meyer, Franc:**
Oxazolone copper(I) complexes inspired by the methanobactin active site.
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A stable silicon(II) monohydride.
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44. **Jana, Anukul ; Azhakar, Ramachandran ; Tavčar, Gašper ; Roesky, Herbert W. ; Objartel, Ina ; Stalke, Dietmar:**
Lithium complex of an abnormal carbene.
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45. **Jana, Anukul ; Sarish, Sankaranarayana Pillai ; Roesky, Herbert W. ; Leusser, Dirk ; Objartel, Ina ; Stalke, Dietmar:**
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47. **Jana**, Anukul ; **Azhakar**, Ramachandran ; **Roesky**, Herbert W. ; **Objartel**, Ina ; **Stalke**, Dietmar:
Syntheses of iron carbonyl *N*-heterocyclic stannylene complexes.
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- 61. Massoud, Salah S. ; Mautner, Franz A. ; Louka, Febee R. ; Demeshko, Serhiy ; Dechert, Sebastian ; Meyer, Franc:**
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- 62. Matasyoh, Josphat C. ; Dittrich, Birger ; Schueffler, Anja ; Laatsch, Hartmut:**
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- 63. Meinholz, Margret M. ; Stalke, Dietmar:**
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- 64. Meinholz, Margret M. ; Pandey, Sushil K. ; Deuerlein, Stephan M. ; Stalke, Dietmar:**
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- 65. Meinholz, Margret M. ; Stalke, Dietmar:**
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- 66. Meinholz, Margret M. ; Stalke, Dietmar:**
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- 67. Meinholz, Margret M. ; Klemmer, Maika ; Kriemen, Ella ; Stalke, Dietmar:**
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- 68. Meinholz, Margret M. ; Carl, Elena ; Kriemen, Ella ; Stalke, Dietmar:**
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74. **Nembenna**, Sharanappa ; **Singh**, Sanjay ; **Sen**, Sakya S. ; **Roesky**, Herbert W. ; **Ott**, Holger ; **Stalke**, Dietmar:
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structural studies.
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complexes.
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Elegant approach to spacer arranged silagermylene and bis(germylene) compounds.
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78. **Sarish**, Sankaranarayana Pillai ; **Jana**, Anukul ; **Roesky**, Herbert W. ; **Samuel**, Prinson P. ; **Abad Andrade**,
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Sandra ; **Leusser**, Dirk ; **Stalke**, Dietmar:
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Multistage complexation of fluoride ions by a fluorescent triphenylamine bearing three dimesitylboryl groups:
controlling intramolecular charge transfer.
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