

Publications/Publikationen Dr. Lerner

2016

K. Samigullin, Y. Soltani, H.-W. Lerner, M. Wagner, M. Bolte, *Acta Cryst.* **2016**, C72, doi:10.1107/S2053229616002242;

"Conformational studies on heteroleptic trifluoromethyl-substituted phenylboranes"

A. Budanow, E. v. Grotthuss, M. Bolte, M. Wagner, H.-W. Lerner, *Tetrahedron* **2016**, 72, 1477–1484; "10,9-Oxaboraphenanthrenes as luminescent fluorophores"

L. Fink, K. Samigullin, A. Bodach, E. Alig, M. Wagner, H.-W. Lerner, *Z. Anorg. Allg. Chem.* **2016**, 642, 282–287;

"Donor-unsupported Phosphanylmethanides Li[CH₂PR₂] (R = tBu, Ph) – Crystal Structure of Li[CH₂PtBu₂] Solved by XRPD and DFT-D Calculations"

I. Sanger, J. Breunig, F. Schodel, M. Bolte, H.-W. Lerner, *Z. Naturforsch.* **2016**, 71b, 135–139;

"Activation of P₄ by Li[Si(tBu)₃]: generation of lithium bis(supersilyl)heptaphosphanortricyclanide Li[P₇(Si(tBu)₃)₂]"

F. Schodel, I. Sanger, M. Bolte, H.-W. Lerner, *Z. Anorg. Allg. Chem.* **2016**, 642, 96–100;

"Unexpected Silaazetidine Formation in the Thermolysis of thf-Supported Silanimine Et₂Si=N–Si(tBu)₃·thf"

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J. W. Bats, K. Ma, H.-W. Lerner, *Acta Cryst.* **2015**, C71, 26–31;

"Four (2,2'-bipyridyl)(ferrocenyl)boronium derivatives"

F. Schodel, M. Bolte, H.-W. Lerner, *Z. Naturforsch.* **2015**, 70b, 111–114;

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J. Tillmann, J. H. Wender, U. Bahr, M. Bolte, H.-W. Lerner, M. C. Holthausen, M. Wagner, *Angew. Chem.* **2015**, 127, 5519–5523;

J. Tillmann, J. H. Wender, U. Bahr, M. Bolte, H.-W. Lerner, M. C. Holthausen, M. Wagner, *Angew. Chem. Int. Ed.* **2015**, 54, 5429–5433; J. Tillmann, J. H. Wender, U. Bahr, M. Bolte, H.-W. Lerner, M. C. Holthausen, M. Wagner, *ChemInform* **2015**, 46, DOI: 10.1002/chin.201528009;

"One-Step Synthesis of a [20]Silafullerane with an Endohedral Chloride Ion"

A. Hubner, T. Kaese, M. Diefenbach, B. Endeward, M. Bolte, H.-W. Lerner, M. C. Holthausen, M. Wagner, *J. Am. Chem. Soc.* **2015**, 137, 3705–3714;

"A Preorganized Ditopic Borane as Highly Efficient One- or Two-Electron Trap"

S. Pospiech, M. Bolte, H.-W. Lerner, M. Wagner, *Chem. Eur. J.* **2015**, 21, 8229–8236;

"Diborylated Magnesium Anthracene as Precursor for B₂H₅⁻-Bridged 9,10-Dihydroanthracene"

A. Budanow, M. Bolte, M. Wagner, H.-W. Lerner, *Eur. J. Inorg. Chem.* **2015**, 2524–2527;

"The Ion-Like Supersilylium Compound tBu₃Si–F–Al[OC(CF₃)₃]₃"

V. M. Hertz, M. Bolte, H.-W. Lerner, M. Wagner, *Angew. Chem.* **2015**, 127, 8924–8928; V. M. Hertz,

M. Bolte, H.-W. Lerner, M. Wagner, *Angew. Chem. Int. Ed.* **2015**, 54, 8800–8804;

"Boron-Containing Polycyclic Aromatic Hydrocarbons: Facile Synthesis of Stable, Redox-Active Luminophores"

I. Sanger, H.-W. Lerner, M. Bolte, *Acta Cryst.* **2015**, E71, 544–546;

"Crystal structure of bis[1,3-bis(2,6-diisopropylphenyl)imidazol-2-ylidene]silver(I) chloride tetrahydrofuran monosolvate"

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J. Tillmann, H.-W. Lerner, M. Bolte, *Acta Cryst.* **2015**, *C71*, 883–888; "A structural study of Si₆-ring-containing [Si₆Cl₁₄]²⁻ chlorosilicates"

J. Tillmann, M. Moxter, M. Bolte, H.-W. Lerner, M. Wagner, *Inorg. Chem.* **2015**, *54*, 9611–9618; J.

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Ö. Seven, M. Bolte, H.-W. Lerner, M. Wagner, *Organometallics* **2014**, *33*, 1291–1299;

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"Air- and Water-Stable, Fluorescent Oligomers of 9,10-Dihydro-9,10-Diboraanthracene"
- J. M. Breunig, F. Lehmann, M. Bolte, H.-W. Lerner, M. Wagner, *Organometallics* **2014**, *33*, 3163–3172;
"Synthesis and Reactivity of *o*-Phosphane Oxide Substituted Aryl(hydro)borates and Aryl(hydro)boranes"
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- S. Scholz, I. Sängler, F. Schödel, M. Bolte, H.-W. Lerner, *Inorg. Chem. Commun.* **2014**, *44*, 50–52;
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- A. Budanow, T. Sinke, H.-W. Lerner, M. Bolte, *Acta Cryst.* **2014**, *C70*, 662–667;
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"Extensive Structural Rearrangements upon Reduction of 9*H*-9-Borafluorene"
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