

Wissenschaftliche Publikationen

- [1] "Halogeno(triazolyl)zinc complexes as molecular building blocks for metal-organic frameworks"
J. Lincke, D. Lässig, H. Krautscheid
Acta Cryst. C 65 (2009) m488
- [2] "Unexpected Hydrogen Bond Dynamics in Imidazolium-Based Ionic Liquids"
J. Thar, M. Brehm, A. P. Seitsonen and B. Kirchner
J. Phys. Chem. B, 113 (2009) 15129
- [3] "Highly functionalized 3,4,5-trisubstituted 1,2,4-triazoles for future use as ligands in coordination polymers"
D. Lässig, J. Lincke, H. Krautscheid
Tetrahedron Letters 51 (2010) 653
- [4] "Metal oxide-organic frameworks (MOOFs), a new series of coordination hybrids constructed from molybdenum(VI) oxide and bitopic 1,2,4-triazole linkers"
B. Lysenko, G. A. Senchyk, J. Lincke, D. Lässig, A. A. Fokin, H. Krautscheid, K. V. Domasevitch
Dalton Trans. 39 (2010) 4223
- [5] "Synthesis, Crystal Structure, and Electron Paramagnetic Resonance Investigations of Heteronuclear Co^{II}/Zn^{II} and Co^{II}/Cd^{II} Coordination Polymers"
D. Lässig, J. Lincke, J. Griebel, R. Kirmse, H. Krautscheid
Inorg. Chem., 50 (2010) 213
- [6] "A novel copper-based MOF material: Synthesis, characterization and adsorption studies"
J. Lincke, D. Lässig, J. Moellmer, C. Reichenbach, A. Puls, A. Moeller, R. Gläser, G. Kalies, R. Staudt, H. Krautscheid
Microporous & Mesoporous Materials, (2010) im Druck
- [7] "Unusual Adsorption Behavior of a Highly Flexible Copper-Based MOF"
C. Reichenbach, G. Kalies, J. Lincke, D. Lässig, H. Krautscheid, J. Moellmer, M. Thommes
Microporous & Mesoporous Materials, (2010) im Druck
- [8] "Zirkoniumdioxid mit definierter Partikelmorphologie und hierarchisch strukturiertem Porensystem durch kombinierte Exo- und Endotemplatsynthese"
P. With, A. Heinrich, M. Lutecki, S. Fichtner, B. Böhringer, R. Gläser
Chemie Ingenieur Technik 82 (2010) 905
- [9] "Zirconia with Defined Particle Morphology and Hierarchically Structured Pore System Synthesized via Combined Exo- and Endotemplating"
P. With, A. Heinrich, M. Lutecki, S. Fichtner, B. Böhringer, R. Gläser
Chemical Engineering & Technology 33 (2010) 1712
- [10] "Performance of quantum chemically derived charges and persistence of ion cages in ionic liquids. A molecular dynamics simulations study of 1-n-butyl-3-methylimidazolium bromide"
M. Kohagen, M. Brehm, J. Thar, W. Zhao, F. Müller-Plathe, B. Kirchner
J. Phys. Chem. B, 115 (2011) 693