

Liste der wissenschaftlichen Publikationen in referierten Journalen

(1992 - 2001)

(45 Veröffentlichungen im Themenbereich „Synthese und physikochemische Charakterisierungen von Flüssigkristallen und molekularen Ferromagneten“)

- 1) Magnetic Investigations on Cu (II)-And Fe (III)-Containing Liquid Crystalline Metallopolymers
W. Haase, K. Griesar, EA Soto-Bustamente, YG Galyametdinov
Metal-Containing Polymeric Materials. 287-299 (1990)
- 2) The Synthesis and Magnetic Behaviour of the First Mesogenic μ -Oxo-Bridged Iron(III) Complex
Y. Galyametdinov, G. Ivanova, K. Griesar, A. Prosvirin, I. Ovchinnikov, W. Haase
Adv. Mater. 4, 739 - 741 (1992).
- 3) Metallomesogens and Amorphous Metallopolymers: Optical and Magnetic Properties,
W. Haase, K. Griesar, C. Erasmus-Buhr
In: "Electrical, Optical, and Magnetic Properties of Organic Solid State Materials", MRS
Symposium Proceedings V. 247, Herausgeber: L. Y. Chiang, A. F. Garito, D. J. Sandman, 455 -
461 (1992).
- 4) A New N,O-Donor Binucleating Ligand and its First Iron(III) Complex as a Model for the Purple
Acid Phosphatases
A. Neves, S. M. D. Erthal, V. Drago, K. Griesar, W. Haase
Inorg. Chim. Acta 197, 121 - 124 (1992).
- 5) Metallomesogens and Metallopolymers, Recent Results on Magnetic Properties
W. Haase, K. Griesar, M. F. Iskander, Y. Galyametdinov
Mol. Materials 3, 115 - 130 (1993).
- 6) Synthesis, Crystal Structure and Properties of a New Binuclear Iron(III) Complex as a Model for
the Purple Acid Phosphatase
A. Neves, M.A. de Brito, I. Vencato, V. Drago, K. Griesar, W. Haase und Y. Mascarenhas
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- 7) Structure and Magnetic Properties of a (μ -Oxo)diiron(III) Complex
A. Elmali, Y. Elerman, I. Svoboda, H. Fuess, K. Griesar, W. Haase
Z. Naturforsch. 48b, 313 - 317 (1993).
- 8) $[\text{Fe}_4\text{Te}_4(\text{SiC}_3\text{H}_7)_4]^{2-}$ and $[\text{Fe}_4\text{Te}_4(\text{SiC}_3\text{H}_7)_4]^{3-}$, Novel Fe_4Te_4 Cluster Complexes in Different
Metal Oxidation States and $[\text{Mn}_4\text{Te}_4(\text{TeC}_3\text{H}_7)_4]^{4-}$, the First Chalconide Cubane Cluster
Containing Divalent Metal Ions
H.-O. Stephan, C. Chen, G. Henkel, K. Griesar, W. Haase
J. Chem. Soc. Chem. Commun., 886 - 888 (1993).
- 9) Structures and Magnetic Properties of μ -4-oxo Bridged Copper and Homodinuclear Zinc
Complexes
S. Teipel, B. Krebs, K. Griesar, W. Haase
Spec. Publ. - R. Soc. Chem. 131, 244 - 247 (1993).
- 10) Magnetic Investigations on a Novel Kind of Side Chain Metallopolymer
W Haase, K Griesar, EA Soto-Bustamante, Y.G. Galyametdinov
Polymeric Material Science and Engineering, Washington, 71, 795-795 (1994).
- 11) Model Compounds for the Oxidized Uteroferrin - Phosphate Complex with Novel Dinucleating
Ligands Containing Phenolate and Pyridine Donors
B. Krebs, K. Schepers, B. Bremer, G. Henkel, E. Althaus, W. Müller-Warmuth, K. Griesar, W.
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- 12) Paramagnetic Liquid Crystalline Nickel(II) Compounds
K. Griesar, Y. Galyametdinov, M. Athanassopoulou, I. Ovchinnikov, W. Haase
Adv. Mater. 6, 381 - 384 (1994).
- 13) Metallo-Mesogens of Copper(II) with α -(p-Alkoxyphenyl)-Malondialdehydes
V. Salas Reyes, G. Soto-Garrido, C. Aguilera, K. Griesar, M. Athanassopoulou, H. Finkelmann, W. Haase
Mol. Materials 3, 321-327 (1994).
- 14) Mesogenic and Magnetic Properties of Nickel(II) Complexes formed from 2'-(4-Alkyloxyphenyl)-Malondialdehydes
W. Haase, V. Salas Reyes, M. Athanassopoulou, G. Soto Garrido, K. Griesar, E. Schuhmacher
Molecular Engineering 3, 297-303 (1994).
- 15) Structures and Magnetic Properties of Dinuclear Iron(III) Complexes
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Z. Naturforsch. 49b, 365 - 369 (1994).
- 16) A New Type of μ 4-Oxo-bridged Copper Tetramer: Synthesis, X-Ray Molecular Structure, Magnetism and Spectral Properties of μ 4-Oxo-tetra- μ -bromo-di- μ -2,6-bis(morpholinyl-N-methyl)-4-methylphenolato-tetra-copper(II) and μ 4-Oxo-tetra- μ -benzoato-di- μ -2,6-bis(morpholinyl-N-methyl)-4-methylphenolato-tetra-copper(II),
S. Teipel, K. Griesar, W. Haase, Bernd Krebs
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- 17) Structure and Magnetic Properties of a Dinuclear Complex with Iron(III) in Octahedral and Pyramidal Coordination
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- 18) $[\text{Mn}(\text{SPh})\text{Cl}_3]_2^-$, $[\text{Mn}(\text{SPh})_3\text{Cl}]_2^-$, $[\text{Mn}_2(\text{SPh})_6]_2^-$ und $[\text{Mn}_4(\text{SPh})_6\text{Br}_4]_2^-$:
Synthese, Struktur und ausgewählte Eigenschaften einiger neuer Chalkogenolatkomplexe des zweikernigen Mangans
H.- O. Stephan, K. Griesar, W. Haase, G. Henkel
Z. Naturforschung 49b, 1629 - 1632 (1994).
- 19) Correlation Between Magnetic Properties and Molecular Structure of Some Metallo-Mesogens
I. Bikchantaev, Y. Galyametdinov, A. Prosvirin, K. Griesar, E. A. Soto-Bustamante, W. Haase
Liq. Cryst. 18, 231-237 (1995).
- 20) Mesomorphic Properties and Magnetic Behaviour of Di(5-substituted salicylidene)ethylenediaminato Cobalt(II) Complexes
R. Paschke, S. Diele, I. Letko, A. Wiegeleben, G. Pelzl, K. Griesar, M. Athanassopoulou, W. Haase
Liq. Cryst. 18, 451-456 (1995).
- 21) X-ray Structure and Magnetic Properties of the Tetracupferronato- μ -Methoxy- μ -Methoxy-Diiron(III) Complex
Y. Elerman, M. Kabak, I. Svoboda, H. Fuess, K. Griesar, W. Haase
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- 22) Structure and Magnetic Properties of Novel Tetranuclear Copper(II) Complexes
J. Reim, K. Griesar, W. Haase, Bernd Krebs
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- 23) Magnetic Investigations on Liquid-Crystalline Metallopolymers
W. Haase, K. Griesar, E.A. Soto-Bustamante, Y. Galyametdinov
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- 24) A New Asymmetric N5O2 Donor Binucleating Ligand and its First FeII/FeIII Complex as a Model for the Redox Properties of Uteroferrin
A. Neves, M. A. de Brito, V. Drago, K. Griesar, W. Haase
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- 26) Structure and Spin-Spin Interactions in a Linear Trimeric Ni(II) Complex
A. Elmali, Y. Elerman, Ingrid Svoboda, H. Fuess, K. Griesar, W. Haase
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- 27) Structure and Magnetic Properties of a Triply Oxygen-bridged Dinuclear Ni(II) Complex
Y. Elerman, M. Kabak, I. Svoboda, H. Fuess, K. Griesar, W. Haase
Z. Naturforschung 51b, 1132-1136 (1996).
- 28) FeII and FeIII Complexes as Synthetic Analogues for the Oxidized and Reduced Forms of Purple Acid Phosphatases
A. Neves, M.A. de Brito, I. Vencato, V. Drago, K. Griesar, W. Haase
Inorg. Chem. 35, 2360-2368 (1996).
- 29) [Ni2(ppepO)(C6H5COO)2(CH3COOH)]ClO4·C4H10O, Synthesis and Characterization of an Unsymmetrical Dinuclear Nickel(II) Complex showing Unusual Coordination Behavior with Relevance to the Active Site of Urease
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- 30) Synthesis and Magnetic Investigations on Rare-Earth-Containing Liquid Crystals with Large Magnetic Anisotropy
Yu. Galyametdinov, M. A. Athanassopoulou, K. Griesar, O. Kharitonova, E. A. Soto Bustamante, L. Tinchurina, I. Ovchinnikov, W. Haase
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- 31) Magnetic Investigations on Cu(II)- and Fe(III)-Containing Liquid Crystalline Metallopolymers
W. Haase, K. Griesar, E.A. Soto-Bustamante, Y. Galyametdinov
In: "Metal-Containing Polymeric Materials", Editors: C. U. Pittman Jr., C.E. Carraher Jr., M. Zeldin, I. E. Sheats, B.M. Culbertson, Plenum-Press, New York, 287 - 299 (1996).
- 32) Structure and Magnetic Properties of a Dinuclear Copper(II) Complex
A. Elmali, Y. Elerman, I. Svoboda, H. Fuess, K. Griesar, W. Haase
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- 33) A Ferrimagnetic Coupled Liquid Crystal
K. Griesar, M. A. Athanassopoulou, E. A. Soto Bustamante, A. Zaleski, Z. Tomkovicz, W. Haase
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- 34) A Nitroxide Tetraradical Exhibiting Ferromagnetic Coupling
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- 35) A New Di- μ -sulfate Complex as a Model of Purple Acid Phosphatase-sulfate Complexes
M. A. de Brito, A. Neves, I. Vencato, C. Zucco, V. Drago, K. Griesar und W. Haase
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- 36) Magnetic Investigations on Ferrimagnetic Liquid Crystals
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- 37) Synthesis and Characterization of a Novel Liquid Crystalline Side Chain Metallopolymer
E. A. Soto Bustamante, Y. G. Galyametdinov, K. Griesar, E. Schuhmacher, W. Haase
Macromol. Chem. Phys. 199, 1337-1342 (1998).
- 38) Crystal structure of [4-(2,2,6,6-tetramethylpiperidiny-N-oxyl)]-4'-(4-propyl)biphenyl-4-carboxylate, C₅₀H₆₄N₂O₆ and of [4-(2,2,6,6-tetramethylpiperidiny-N-oxyl)]-4'-(4-pentylcyclohexyl)biphenyl-4-carboxylate, C₃₃H₄₆NO₃, two nitroxide radicals
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- 39) Synthesis, Crystal Structure and Magnetic Properties of a Copper(II)-Nitroxide Linear Chain Complex
K. Griesar, W. Haase, I. Svoboda, H. Fuess
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- 40) Characterization of Magnetic Ordering in Porphyrin-Based Molecular Magnets
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- 41) Spin flop Transition in the Substituted Mn-Porphyrin Magnet
[Mn(OC₁₂H₂₅)4TPP][TCNE]*2PhMe
M. Balanda, K. Falk, K. Griesar, Z. Tomkowicz, T. Wasiutynski, W. Haase
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- 42) Magnetic Properties of Transition Metal Containing Liquid Crystals
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In: „Magnetic Properties of Organic Materials“, Herausgeber: P.M. Lahti, Marcel Dekker Inc., (1999).
- 43) Copper(II) and Nickel(II) Metallopolymers derived from Polyacylhydrazone
L. Labib, L.A. Mohamed, M.F. Iskander, K. Griesar, W. Haase
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- 44) Darstellung, Phasencharakterisierung und magnetische Eigenschaften einiger kristalliner Nitroxid-Radikale – ein Beitrag zur Entwicklung effizienter Spin-Label Verbindungen für ESR-Untersuchungen in flüssigkristallinen Phasen
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- 45) Magnetostructural Correlations in Exchange Coupled Phenoxo-, Alkoxo-, or Hydroxo-bridged Dinuclear Iron(III) Compounds
R. Werner, S. Ostrovsky, K. Griesar, W. Haase
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