

List of Publications in Scientific Journals (1992 – 2000)

45 publications in the field of „liquid crystals“; among others:

- 1) 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, Editors: L. Y. Chiang, A. F. Garito, D. J. Sandman, 455 - 461
(1992).
- 2) Paramagnetic Liquid Crystalline Nickel(II) Compounds
K. Griesar, Y. Galyametdinov, M. Athanassopoulou, I. Ovchinnikov, W. Haase
Adv. Mater. 6, 381 - 384 (1994).
- 3) A Ferrimagnetic Coupled Liquid Crystal
K. Griesar, M. A. Athanassopoulou, E. A. Soto Bustamante, A. Zaleski, Z. Tomkovicz, W. Haase
Adv. Mat., 9, 45-48 (1997).
- 4) Structure of a Nitroxide Tetradical Exhibiting Ferromagnetic Coupling
K. Griesar, W. Haase, I. Svoboda, H. Fuess
Acta Cryst. C53, 1488-1490 (1997).
- 5) Magnetic Investigations on Ferrimagnetic Liquid Crystals
K. Griesar, M. A. Athanassopoulou, M. Balanda, Z. Tomkovicz
Mol. Cryst. Liq. Cryst., (1997).
- 6) Magnetic Investigations on Ferrimagnetic Liquid Crystals
K. Griesar, M. A. Athanassopoulou, M. Balanda, Z. Tomkovicz
Mol. Cryst. Liq. Cryst., (1997).
- 7) Crystal structure of [4-(2,2,6,6-tetramethylpiperidinyI-N-oxyl)]-4'-(4-propyl)biphenyl-4-
carboxylate, C₅₀H₆₄N₂O₆ and of [4-(2,2,6,6-tetramethylpiperidinyI-N-oxyl)]-4'-(4-
pentyIcyclohexyl)biphenyl-4-carboxylate, C₃₃H₄₆NO₃, two nitroxide radicals
K. Griesar, W. Haase, I. Svoboda, H. Fuess
Z. Kristallogr. NCS 213, 641-644 (1998).
- 8) Synthesis, Crystal Structure and Magnetic Properties of a Copper(II)-Nitroxide Linear Chain
Complex
K. Griesar, W. Haase, I. Svoboda, H. Fuess
Inorg. Chim. Acta 287/ 2, 181-185 (1999).
- 9) Magnetic Properties of Transition Metal Containing Liquid Crystals
K. Griesar, W. Haase
In: „Magnetic Properties of Organic Materials“, Editors: P.M. Lahti, Marcel Dekker Inc., (1999).
- 10) Darstellung, Phasencharakterisierung und magnetische Eigenschaften einiger kristalliner
Nitroxid-Radikale – ein Beitrag zur Entwicklung effizienter Spin-Label Verbindungen für ESR
Untersuchungen in flüssigkristallinen Phasen
(*Description, Characterisation of phases and magnetic traits of crystalline Nitroxid-Radicals - a
contribution to the development of efficient spin-label connections for ESR-investigations in
liquid-crystalline Phases*)
K. Griesar, E.A. Soto-Bustamante, W. Haase
Z. Naturforschung, 55b, 567-575 (2000).

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<https://www.scopus.com/authid/detail.uri?authorId=6701463844>