

653. D. Dini, M.J.F.Calvete, M. Hanack, W. Chen, W. Ji.
Synthesis of axially substituted gallium, indium and thallium phthalocyanines with nonlinear optical properties.
ARKIVOC (Gainesville, FL, United States) **2006**, (3), 77-96.
654. K. Haberroth, M. Hanack, C. Maichle-Moessmer.
Crystal structure of μ -oxo-bis[9,22-bis(butyloxy)hemiporphyrinato]iron(III).
Zeitschrift fuer Anorganische und Allgemeine Chemie **2006**, 632(3), 384-386.
655. W. Sun, G. Wang, D. Dini, M. Hanack.
Photophysical and optical limiting of indium naphthalocyanines with halide axial ligand.
Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, United States, March 26-30, 2006 (**2006**).
656. X. Alvarez-Mico, M.J.F. Calvete, M. Hanack, T Ziegler.
The first example of anomeric glycoconjugation to phthalocyanines.
Tetrahedron Letters **2006**, 47(19), 3283-3286.
657. Y. Chen, M. Hanack, W. J. Blau, D. Dini, Y. Liu, Y. Lin, J. Bai.
Soluble axially substituted phthalocyanines: synthesis and nonlinear optical response.
Journal of Materials Science **2006**, 41(8), 2169-2185.
658. D. Dini, M. J. F. Calvete, M. Hanack, V. Amendola, M. Meneghetti.
Demonstration of the optical limiting effect for an hemiporphyrinato.
Chemical Communications (Cambridge, United Kingdom) **2006**, (22), 2394-2396.
659. D. Dini, M. J. F. Calvete, M. Hanack, R. G. S. Pong, S. R. Flom, J. S. Shirk.
Nonlinear Transmission of a Tetrabrominated Naphthalocyaninato Indium Chloride.
Journal of Physical Chemistry B **2006**, 110(25), 12230-12239.
660. H. Ryu, L. R. Subramanian, M. Hanack.
Photo- and electroluminescent properties of cyano-substituted styryl derivatives and synthesis of CN-PPV model compounds containing an alkoxy spacer for OLEDs.
Tetrahedron **2006**, 62(26), 6236-6247.
661. M. J. F. Calvete, D. Dini, M. Hanack, J. C. Sancho-Garcia, W. Chen, W. Ji.
Synthesis, DFT calculations, linear and nonlinear optical properties of binuclear phthalocyanine gallium chloride.
Journal of Molecular Modeling **2006**, 12(5), 543-550.

662. H. Peisert, I. Biswas, L. Zhang, M. Knupfer, M. Hanack, D. Dini, D. Batchelor, T. Chasse.
Molecular orientation of substituted phthalocyanines: Influence of the substrate roughness.
Surface Science **2006**, 600(18), 4024-4029.
663. I. Biswas, H. Peisert, L. Zhang, T. Chasse, M. Knupfer, M. Hanack, D. Dini, T. Schmidt, D. Batchelor.
Orientation of differently substituted phthalocyanines: first layers and thin films.
Molecular Crystals and Liquid Crystals **2006**, 455, 241-249.
664. S. I. Vagin, M. Hanack.
Triazole-annulated phthalocyanines and benzoporphyrnazines.
Journal of Porphyrins and Phthalocyanines **2006**, 10(11), 1309-1318.
665. D. Dini, M. J. F. Calvete, S. Vagin, M. Hanack, A. Eriksson, C. Lopes.
Analysis of the nonlinear transmission properties of some naphthalocyanines.
Journal of Porphyrins and Phthalocyanines **2006**, 10(9-10), 1165-1171.
666. S. I. Vagin, A. Frickenschmidt, B. Kammerer, M. Hanack.
Reactivity of dehydrometallophthalocyanines and -porphyrnazines.
Chemistry--A European Journal **2007**, 13(3), 985-991.
667. X. Alvarez-Mico, M. J. F. Calvete, M. Hanack, T Ziegler.
A new glycosidation method through nitrite displacement on substituted nitrobenzenes.
Carbohydrate Research **2007**, 342(3-4), 440-447.
668. Y. Li, W. Sun, D. Dini, M. Hanack.
Photophysical and optical limiting properties of silicon naphthalocyanines with peripheral bromo-substituents.
Abstracts of Papers, 233rd ACS National Meeting, Chicago, IL, United States, March 25-29, 2007 (**2007**).
669. W. Sun, G. Wang, Y. Li, M. J. F. Calvete, D. Dini, M. Hanack.
Axial Halogen Ligand Effect on Photophysics and Optical Power Limiting of Some Indium Naphthalocyanines.
Journal of Physical Chemistry A **2007**, 111(17), 3263-3270.
670. A. Lyubimtsev, S. Vagin, S. Syrbu, M. Hanack.
Synthesis of novel covalently linked dimeric phthalocyanines.
European Journal of Organic Chemistry **2007**, (12), 2000-2005.
671. L. Poulsen, M. Jazdzyk, J-E. Communal, J. C. Sancho-Garcia, A. Mura, G. Bongiovanni, D. Beljonne, J. Cornil, M. Hanack, H-J. Egelhaaf, J. Gierschner.

- Three-Dimensional Energy Transport in Highly Luminescent Host-Guest Crystals: A Quantitative Experimental and Theoretical Study.
Journal of the American Chemical Society **2007**, 129(27), 8585-8593.
672. X. Alvarez-Mico, M. J. F. Calvete, M. Hanack, T. Ziegler.
Expeditious synthesis of glycosylated phthalocyanines.
Synthesis **2007**, (14), 2186-2192.
673. Y. Li, D. Dini, M. J. F. Calvete, M. Hanack, W. Sun.
Photophysics and Nonlinear Optical Properties of Tetra- and Octabrominated Silicon Naphthalocyanines.
Journal of Physical Chemistry A **2008**, 112(3), 472-480.
674. A. Lyubimtsev, Z. Iqbal, M. Hanack.
Synthesis of covalently-linked phthalocyanine-phthalocyanine and porphyrin-phthalocyanine dimers.
Australian Journal of Chemistry **2008**, 61(4), 273-278.
675. A. Lyubimtsev, M. N. Misir, M. J. F. Calvete, M. Hanack.
Titanium phthalocyanines with axial phenylenevinylenes.
European Journal of Organic Chemistry **2008**, (18), 3209-3214.
676. D. Dini, M. J. F. Calvete, M. Hanack, M. Meneghetti.
Indium Phthalocyanines with Different Axial Ligands: A Study of the Influence of the Structure on the Photophysics and Optical Limiting Properties.
Journal of Physical Chemistry A **2008**, 112(37), 8515-8522.
677. D. Dini, M. J. F. Calvete, M. Hanack, V. Amendola, M. Meneghetti.
Large Two-Photon Absorption Cross Sections of Hemiporphyrazines in the Excited State: The Multiphoton Absorption Process of Hemiporphyrazines with Different Central Metals.
Journal of the American Chemical Society **2008**, 130(37), 12290-12298.
678. Z. Iqbal, A. Lyubimtsev, M. Hanack.
Synthesis of phthalonitriles using a palladium catalyst.
Synlett **2008**, (15), 2287-2290.
679. J. J. Doyle, J. Wang, S. M. O'Flaherty, Y. Chen, A. Slodek, T. Hegarty, L. E.II. Carpenter, D. Woehrle, M. Hanack, W. J. Blau.
Nonlinear optical performance of chemically tailored phthalocyanine-polymer films as solid-state optical limiting devices.
Journal of Optics A: Pure and Applied Optics **2008**, 10(7), 075101/1-075101/9.
680. V. Amendola, D. Dini, S. Polizzi, J. Sheng, K. M. Kadish, M. J. F. Calvete, M. Hanack, M. Meneghetti.

Self-Healing of Gold Nanoparticles in the Presence of Zinc Phthalocyanines and Their Very Efficient Nonlinear Absorption Performances.
Journal of Physical Chemistry :C **2009**, 113(20), 8688-8695.

681. Z. Iqbal, M. Hanack, T. Ziegler
Synthesis of an octasubstituted galactose zinc(II) phthalocyanine.
Tetrahedron Letters **2009**, 50(8), 873-875.
682. M. Hanack, Z. Iqbal, A. Lyubimtsev, I. Özcesmeci,
M. Özcesmeci, T. Ziegler.
Synthesis of unusual phthalocyanines and naphthalocyanines
J. Porphyrins Phthalocyanines **2009**, 13, 312–321.