

Andreas Prester, Markus Perbandt, Marina Galchenkova, Dominik Oberthuer, Nadine Werner, Alessandra Henkel, Julia Maracke, Oleksandr Yefanov, Johanna Hakanpää, Guillaume Pompidor, Jan Meyer, Henry Chapman, Martin Aepfelbacher, **Winfried Hinrichs**, Holger Rohde, Christian Betzel.

Time-resolved crystallography of boric acid binding to CTX-M-14  $\beta$ -lactamase active site serine and subsequent 1,2-diol esterification.

Communications Chemistry, 7, 152 (2024).

<https://www.nature.com/articles/s42004-024-01236-w>

Patrick Y. A. Reinke, Robin Schubert, Dominik Oberthür, Marina Galchenkova, Aida Rahmani Mashhour, Sebastian Günther, Anaïs Chretien, Adam Round, Brandon Charles Seychell, Brenna Norton-Baker, Chan Kim, Christina Schmidt, Faisal H. M. Koua, Alexandra Tolstikova, Wiebke Ewert, Gisel Esperanza Peña Murillo, Grant Mills, Henry Kirkwood, Hévila Brognaro, Huijong Han, Jayanath Koliyadu, Joachim Schulz, Johan Bielecki, Julia Lieske, Julia Maracke, Juraj Knoska, Kristina Lorenzen, Lea Brings, Marcin Sikorski, Marco Kloos, Mohammad Vakili, Patrik Vagovic, Philipp Middendorf, Raphael de Wijn, Richard Bean, Romain Letrun, Seonghyun Han, Sven Falke, Tian Geng, Tokushi Sato, Vasundara Srinivasan, Yoonhee Kim, Oleksandr N. Yefanov, Luca Gelisio, Tobias Beck, Andrew S. Doré, Adrian P Mancuso, Christian Betzel, Saša Bajt, Lars Redecke, Henry N. Chapman, Alke Meents, Dušan Turk, **Winfried Hinrichs**, Thomas J. Lane. SARS-CoV-2 Mpro responds to oxidation by forming disulfide and NOS/SONOS bonds. Nature Communications, 15, 3827 (2024).

<https://www.nature.com/articles/s41467-024-48109-3>

Sven Falke, Julia Lieske, Alexander Herrmann, Jure Loboda, Katarina Karničar, Sebastian Günther, Patrick Reinke, Wiebke Ewert, Aleksandra Usenik, Nataša Lindič, Andreja Sekirnik, Klemen Dretnik, Hideaki Tsuge, Vito Turk, Henry N. Chapman, **Winfried Hinrichs**, Gregor Ebert, Dušan Turk, Alke Meents.

Structural elucidation and antiviral activity of covalent cathepsin L inhibitors.

Journal of Medicinal Chemistry 67(9), 7048 – 7067 (2024).

<https://doi.org/10.1021/acs.jmedchem.3c02351>

Patrick YA Reinke, Edmarcia Elisa de Souza, Sebastian Günther, Sven Falke, Julia Lieske, Wiebke Ewert, Jure Loboda, Alexander Herrmann, Aida Rahmani Mashhour, Katarina Karničar, Aleksandra Usenik, Nataša Lindič, Andreja Sekirnik, Viviane Fongaro Botosso, Gláucia Maria Machado Santelli, Josana Kapronezai, Marcelo Valdemir de Araújo, Taiana Tainá Silva-Pereira, Antônio Francisco de Souza Filho, Mariana Silva Tavares, Lizdany Flórez-Álvarez, Danielle Bruna Leal de Oliveira, Edison Luiz Durigon, Paula Roberta Giarretta, Marcos Bryan Heinemann, Maurice Hauser, Brandon Seychell, Hendrik Böhler, Wioletta Rut, Marcin Drag, Tobias Beck, Russell Cox, Henry N Chapman,

Christian Betzel, Wolfgang Brehm, **Winfried Hinrichs**, Gregor Ebert, Sharissa L Latham, Ana Marcia de Sá Guimarães, Dušan Turk, Carsten Wrenger, Alke Meents.

Calpeptin is a potent cathepsin inhibitor and drug candidate for SARS-CoV-2 infections.

Communications Biology, 6, 1058 (2023).

<https://doi.org/10.1038/s42003-023-05317-9>

Sebastiaan Werten, Paul Waack, Gottfried J. Palm, Marie-Joëlle Virolle, **Winfried Hinrichs**.

Crystal Structures of Free and Ligand-Bound Forms of the TetR/AcrR-Like Regulator SCO3201 from *Streptomyces coelicolor* Suggest a Novel Allosteric Mechanism.

FEBS Journal, online 25. August 2022. <https://doi.org/10.1111/febs.16606>

FEBS Journal 290(2), 521-532 (2023).

Gottfried J. Palm, Maren Thomsen, Leona Berndt, **Winfried Hinrichs**.

Structural Basis for (2R,3R)-Taxifolin Binding and Reaction Products to the Bacterial Chalcone Isomerase of *Eubacterium ramulus*.

Molecules 27(22), 7909 (2022). <https://doi.org/10.3390/molecules27227909>

Vasundara Srinivasan, Hévila Brognaro, Prince R. Prabhu, Edmarcia Elisa de Souza, Sebastian Günther, Patrick Y. A. Reinke, Thomas J. Lane, Helen Ginn, Huijong Han, Wiebke Ewert, Janina Sprenger, Faisal H. M. Koua, Sven Falke, Nadine Werner, Hina Andaleeb, Najeeb Ullah, Bruno Alves Franca, Mengying Wang, Angélica Luana C. Barra, Markus Perbandt, Martin Schwinzer, Christina Schmidt, Lea Brings, Kristina Lorenzen, Robin Schubert, Rafael Rahal Guaragna Machado, Erika Donizette Candido, Danielle Bruna Leal Oliveira, Edison Luiz Durigon, Stephan Niebling, Angelica Struve Garcia, Oleksandr Yefanov, Julia Lieske, Luca Gelisio, Martin Domaracky, Philipp Middendorf, Michael Groessler, Fabian Trost, Marina Galchenkova, Aida Rahmani Mashhour, Sofiane Saouane, Johanna Hakanpää, Markus Wolf, Maria Garcia Alai, Dušan Turk, Arwen R. Pearson, Henry N. Chapman, **Winfried Hinrichs**, Carsten Wrenger, Alke Meents, Christian Betzel.

Antiviral activity of natural phenolic compounds in complex at an allosteric site of SARS-CoV-2 papain-like protease.

Communications Biology, 5, 805 (2022). <https://doi.org/10.1038/s42003-022-03737-7>

Wiebke Ewert, Sebastian Günther, Francesca Miglioli, Sven Falke, Patrick Y.A. Reinke, Stephan Niebling, Christian Günther, Huijong Han, Vasundara Srinivasan, Hévila Brognaro, Julia Lieske, Kristina Lorenzen, Maria M. Garcia-Alai, Christian Betzel, Mauro Carcelli, **Winfried Hinrichs**, Dominga Rogolino, Alke Meents.

Hydrazones and Thiosemicarbazones Targeting Protein-Protein-Interactions of SARS-CoV-2 Papain-like Protease.

Frontiers in Chemistry, 10:832431 (2022). <https://doi.org/10.3389/fchem.2022.832431>

Markus Perbandt, Nadine Werner, Andreas Prester, Holger Rohde, Martin Aepfelbacher, **Winfried Hinrichs**, Christian Betzel.

Structural basis to repurpose boron-based proteasome inhibitors Bortezomib and Ixazomib as  $\beta$ -lactamase inhibitors.

Scientific reports, 12 (1), 5510 (2022). <https://doi.org/10.1038/s41598-022-09392-6>

Nadine Werner, Sebastiaan Werten, Jens Hoppen, Gottfried J. Palm, Michael Göttfert,

**Winfried Hinrichs.**

The Induction Mechanism of the Flavonoid-Responsive Regulator FrrA.

FEBS Journal, online 27. July 2021. <https://doi.org/10.1111/febs.16141>

FEBS Journal, 289(2), 507–518 (2022).

Nadine Werner, Katrin Petersen, Christel Vollstedt, Pablo Perez Garcia, Jennifer Chow, Manuel Ferrer, Laura Fernandes, Sven Falke, Markus Perbandt, **Winfried Hinrichs**, Christian Betzel, Wolfgang R. Streit.

The *Komagataeibacter europaeus* GqqA is the prototype of a novel bifunctional N-Acyl-homoserine lactone acylase with prephenate dehydratase activity.

Scientific reports, 11(1), 12255 (2021). <https://doi.org/10.1038/s41598-021-91536-1>

Sebastian Günther, Patrick Y. A. Reinke, Yaiza Fernández-García, Julia Lieske, Thomas J. Lane, Helen M. Ginn, Faisal H. M. Koua, Christiane Ehrt, Wiebke Ewert, Dominik Oberthuer, Oleksandr Yefanov, Susanne Meier, Kristina Lorenzen, Boris Krichel, Janine-Denise Kopicki, Luca Gelisio, Wolfgang Brehm, Ilona Dunkel, Brandon Seychell, Henry Gieseler, Brenna Norton-Baker, Beatriz Escudero-Pérez, Martin Domaracky, Sofiane Saouane, Alexandra Tolstikova, Thomas A. White, Anna Hänle, Michael Groessler, Holger Fleckenstein, Fabian Trost, Marina Galchenkova, Yaroslav Gevorkov, Chufeng Li, Salah Awel, Ariana Peck, Miriam Barthelmess, Frank Schluenzen, Paulraj Lourdu Xavier, Nadine Werner, Hina Andaleeb, Najeeb Ullah, Sven Falke, Vasundara Srinivasan, Bruno Alves França, Martin Schwinzer, Hévila Brognaro, Cromarte Rogers, Diogo Melo, Jo J. Zaitsev-Doyle, Juraj Knoska, Gisel E. Peña-Murillo, Aida Rahmani Mashhour, Vincent Hennicke, Pontus Fischer, Johanna Hakanpää, Jan Meyer, Phil Gribbon, Bernhard Ellinger, Maria Kuzikov, Markus Wolf, Andrea R. Beccari, Gleb Bourenkov, David von Stetten, Guillaume Pompidor, Isabel Bento, Saravanan Panneerselvam, Ivars Karpics, Thomas R. Schneider, Maria Marta Garcia-Alai, Stephan Niebling, Christian Günther, Christina Schmidt, Robin Schubert, Huijong Han, Juliane Boger, Diana C. F. Monteiro, Linlin Zhang, Xinyuanyuan Sun, Jonathan Pletzer-Zelgert, Jan Wollenhaupt, Christian G. Feiler, Manfred S. Weiss, Eike-Christian Schulz, Pedram Mehrabi, Katarina Karničar, Aleksandra Usenik, Jure Loboda, Henning Tidow, Ashwin Chari, Rolf Hilgenfeld, Charlotte Uetrecht, Russell Cox, Andrea Zaliani, Tobias Beck, Matthias Rarey, Stephan Günther, Dušan Turk, **Winfried Hinrichs**, Henry N. Chapman, Arwen R. Pearson, Christian Betzel, Alke Meents. X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. Science 372 (6542), 642-646 (2021). <https://doi.org/10.1126/science.abf7945>

Gottfried J. Palm, Ina Buchholz, Sebastiaan Werten, Britta Girbardt, Leona Berndt, Mihaela Delcea, **Winfried Hinrichs.**

Thermodynamics, cooperativity and stability of the tetracycline repressor (TetR) upon tetracycline binding.

Biochimica et Biophysica Acta – Proteins and Proteomics, 1868(6), 140404 (2020).

<https://doi.org/10.1016/j.bbapap.2020.140404>

Sebastiaan Werten, Nils H. Rustmeier, Maximilian Gemmer, Marie-Joëlle Virolle,

**Winfried Hinrichs.**

Structural and Biochemical Analysis of a Phosin from *Streptomyces chartreusis* Reveals a Combined Polyphosphate- and Metal-Binding Fold.

FEBS Letters, 593(15), 2019-2029 (2019). <https://doi.org/10.1002/1873-3468.13476>

Martin Zühlendorf, **Winfried Hinrichs.**

Assemblins as maturational proteases in herpesviruses.

Journal of General Virology, 98(8), 1969-1984 (2017). <https://doi.org/10.1099/jgv.0.000872>

Sonja Petkovic, **Winfried Hinrichs.**

Antibiotic Resistance: Blocking tetracycline destruction.

Nature Chemical Biology, 13(7), 694-695 (2017). <https://doi.org/10.1038/nchembio.2396>

Ariel Viña-Rodríguez, Martin Eiden, Markus Keller, **Winfried Hinrichs**, Martin H. Groschup.

A Quantitative Real-Time RT-PCR Assay for the Detection of *Venezuelan equine encephalitis virus* Utilizing a Universal Alphavirus Control RNA.

BioMed Research International, ID 8543204 (2016). <https://doi.org/10.1155/2016/8543204>

Xenia Bogdanović, Gottfried J. Palm, Johanna Schwenteit, Rajesh K. Singh, Bjarnheidur K.

Gudmundsdóttir, **Winfried Hinrichs.**

Structural evidence of intramolecular propeptide inhibition of the aspzincin metalloendopeptidase AsaP1.

FEBS Letters, 590(18), 3280-3294 (2016). <https://doi.org/10.1002/1873-3468.12356>

Sebastiaan Werten, Julia Schneider, Gottfried J. Palm, **Winfried Hinrichs.**

Modular Organisation of Inducer Recognition and Allostery in the Tetracycline Repressor.

FEBS Journal, 283(11), 2102-2114 (2016). <https://doi.org/10.1111/febs.13723>

Sebastiaan Werten, Christian Kohler, Niklas J. Bayer, Ivo Steinmetz, **Winfried Hinrichs.**

Structural analysis and knock-out of a *Burkholderia pseudomallei* homolog of the eukaryotic transcription coactivator PC4.

Gene, 557(2), 140-147 (2016). <https://doi.org/10.1016/j.gene.2015.11.037>

Martin Zühlendorf, Sebastiaan Werten, Barbara G. Klupp, Gottfried J. Palm, Thomas C.

Mettenleiter, **Winfried Hinrichs.**

Dimerization-induced allosteric changes of the oxyanion-hole loop activate the pseudorabies virus assemblin pUL26N, a herpesvirus serine protease.

PLoS Pathogens, 11(7): e1005045 (2015). <https://doi.org/10.1371/journal.ppat.1005045>

Maren Thomsen, Anne Tuukkanen, Jonathan Dickerhoff, Gottfried J. Palm, Hanna Kratzat, Dimitri I. Svergun, Klaus Weisz, Uwe T. Bornscheuer, **Winfried Hinrichs**.

Structure and reaction mechanism of the evolutionarily unique bacterial enzyme chalcone isomerase.

Acta Crystallographica Section D – Biological Crystallography, 71(4), 907-917 (2015).

<https://doi.org/10.1107/S1399004715001935>

Lilly Skalden, Maren Thomsen, Matthias Höhne, Uwe T. Bornscheuer, **Winfried Hinrichs**.

Structural and biochemical characterization of the dual substrate recognition of the (*R*)-selective amine transaminase from *Aspergillus fumigatus*.

FEBS Journal, 282(2), 407-415 (2015). <https://doi.org/10.1111/febs.13149>

Sebastiaan Werten, Daniela Dalm, Gottfried J. Palm, Christopher C. Grimm, **Winfried Hinrichs**.

Tetracycline repressor allostery does not depend on divalent metal recognition.

Biochemistry, 53(50), 7990-7998 (2014). <https://doi.org/10.1021/bi5012805>

Delin Xu, Paul Waack, Qizhong Zhang, Sebastiaan Werten, **Winfried Hinrichs**, Marie-Joëlle Virolle.

Structure and Regulatory Targets of SCO3201, a highly promiscuous TetR-Like Regulator of *Streptomyces coelicolor* M145.

Biochemical and Biophysical Research Communications, 450(1) 513-518 (2014).

<https://doi.org/10.1016/j.bbrc.2014.06.003>

Gottfried J. Palm, Anurag Sharma, Moni Kumari, Santosh Panjekar, Dirk Albrecht,

M.V. Jagannadham, **Winfried Hinrichs**

Posttranslational modification and extended glycosylation pattern of a plant latex peroxidase of native source characterized by X-ray crystallography.

FEBS Journal, 281(18), 4319-4333 (2014). <https://doi.org/10.1111/febs.12900>

Maren Thomsen, Lilly Skalden, Gottfried J. Palm, Matthias Höhne, Uwe T. Bornscheuer, **Winfried Hinrichs**

Crystallographic characterization of the (*R*)-selective amine transaminase from *Aspergillus fumigatus*.

Acta Crystallographica Section D – Biological Crystallography, 70(4), 1086-1093 (2014).

Mechthild Gall, Maren Thomsen, Christin Peters, Ioannis V. Pavlidis, Patrick Jonczyk, Philipp P.

Grünert, Sascha Beutel, Thomas Scheper, Egon Gross, Michael Backes, Torsten Geißler, Jakob P.

Ley, Jens-Michael Hilmer, Gerhard Krammer, Gottfried J. Palm, **Winfried Hinrichs**,  
Uwe T. Bornscheuer  
Enzymatic Conversion of Flavonoids using Bacterial Chalcone Isomerase and Enoate Reductase.  
Angew. Chem. Int. Ed. 53(5), 1439-1442 (2014). <https://doi.org/10.1002/anie.201306952>

Maren Thomsen, Lilly Skalden, Gottfried J. Palm, Matthias Höhne, Uwe T. Bornscheuer,  
**Winfried Hinrichs**.  
Crystallization and preliminary X-ray diffraction studies of the (*R*)-selective amine transaminase  
from *Aspergillus fumigatus*.  
Acta Crystallogr Sect F – Struct Biol Cryst Commun 69(12), 1415-1417 (2013).  
<https://doi.org/10.1107/S1744309113030923>

Gesa Volkers, João M. Damas, Gottfried J. Palm, Santosh Panjikar, Cláudio M. Soares, **Winfried  
Hinrichs**.  
Putative dioxygen binding sites and recognition of tigecycline and minocycline in the  
tetracycline-degrading monooxygenase TetX.  
Acta Crystallographica Section D – Biological Crystallography, 69(9), 1758-1767 (2013).  
<https://doi.org/10.1107/S0907444913013802>

Johanna Schwenteit, Xenia Bogdanović, Olafur H. Fridjonsson, Arnthor Aevarsson,  
Uwe T. Bornscheuer, **Winfried Hinrichs**, Bjarnheidur K. Gudmundsdóttir.  
Toxoid construction of AsaP1, a lethal toxic aspzincin metalloendopeptidase of *Aeromonas  
salmonicida* subsp. *achromogenes*, and studies of its activity and processing.  
Veterinary Microbiology 162, 687-694 (2013).

Maria Strianese, Gottfried J. Palm, Stefano Milione, Olaf Kühl, **Winfried Hinrichs**, Claudio  
Pellecchia  
A FRET Enzyme-Based Probe for Monitoring Hydrogen Sulphide.  
Inorg. Chem. 51(21), 11220-11222 (2012).

Anurag Sharma, Gottfried J. Palm, Moni Kumari, Santosh Panjikar, M.V. Jagannadham, **Winfried  
Hinrichs**  
Purification, crystallization and preliminary crystallographic analysis of banyan peroxidase.  
Acta Crystallogr Sect F – Struct Biol Cryst Commun 68(8), 931-934 (2012).

Cindy Meyer, **Winfried Hinrichs**, Ulrich Hahn  
Human  $\alpha_2$ -Macroglobulin – Another Variation on the Venus Flytrap.  
Angew. Chem. Int. Ed. 51(21), 5045-5047 (2012).

Gottfried J. Palm, Bui Khan Chi, Paul Waack, Katrin Gronau, Dörte Becher, Dirk Albrecht,  
**Winfried Hinrichs**, Randy J. Read, Haike Antelmann  
Structural insights into the redox-switch mechanism of the MarR/DUF24-type regulator HypR.

Nucl. Acids Research 40(9), 4178-4192 (2012).

Gesa Volkers, Lothar Petruschka, **Winfried Hinrichs**

Recognition of drug degradation products by target proteins: Isotetracycline binding to Tet repressor.

Journal of Medicinal Chemistry 54(14), 5108-5115 (2011). <https://doi.org/10.1021/jm200332e>

Gottfried J. Palm, Eleana Fernández-Álvarez, Xenia Bogdanović, Sebastian Bartsch, Jaroslaw Sczodrok, Rajesh K. Singh, Dominique Böttcher, Haruyuki Atomi, Uwe T. Bornscheuer, **Winfried Hinrichs**

The crystal structure of an esterase from the hyperthermophilic *Pyrobaculum calidifontis* VA1 supports explanation of its enantioselectivity.

Applied Microbiology and Biotechnology 91(4), 1061-1072 (2011).

Martin Hesseler, Xenia Bogdanović, Aurelio Hidalgo, Jose Berenguer, Gottfried J. Palm, **Winfried Hinrichs**, Uwe T. Bornscheuer

Cloning, functional expression, biochemical characterization, and structural analysis of a haloalkane dehalogenase from *Plesiocystis pacifica* SIR-1.

Applied Microbiology and Biotechnology 91(4), 1049-1060 (2011).

Ulrich Hasse, Gottfried J. Palm, **Winfried Hinrichs**, Jan Schäfer, Fritz Scholz

The growth of single crystal silver wires at the nitrobenzene|water interface.

Phys. Chem. Chem. Phys. 13(26), 12254-12260 (2011).

Gesa Volkers, Gottfried J. Palm, Manfred S. Weiss, Gerard D. Wright, **Winfried Hinrichs**.

Structural basis for a new tetracycline resistance mechanism relying on the TetX monooxygenase.

FEBS Letters 585(7) 1061-1066 (2011). <https://doi.org/10.1016/j.febslet.2011.03.012>

Xenia Bogdanović, **Winfried Hinrichs**.

Influence of temperature during crystallization set-up on precipitate formation and crystal shape of a metalloendopeptidase.

Acta Crystallogr Sect F – Struct Biol Cryst Commun 67(3), 421-423 (2011).

Xenia Bogdanović, Martin Hesseler, Gottfried J. Palm, Uwe T. Bornscheuer, **Winfried Hinrichs**

Crystallization and preliminary X-ray diffraction studies on the putative haloalkane dehalogenase DppA from *Plesiocystis pacifica* SIR-1.

Acta Crystallogr Sect F – Struct Biol Cryst Commun 66(7), 828-830 (2010).

Gesa Volkers, Linda Schuldt, Gottfried J. Palm, Gerard D. Wright, **Winfried Hinrichs**

Crystallization and preliminary X-ray crystallographic analysis of the tetracycline-degrading monooxygenase TetX2 from *Bacteroides thetaiotaomicron*.

Acta Crystallogr Sect F – Struct Biol Cryst Commun 66(5), 611-614 (2010).

<https://doi.org/10.1107/S0907444913013802>

Daniela Dalm, Gottfried J. Palm, Alexey Aleksandrov, Thomas Simonson, **Winfried Hinrichs**  
Non-antibiotic properties of Tetracyclines: Structural basis for inhibition of Phospholipase A<sub>2</sub>.

J. Mol. Biol. 398(1), 83-96 (2010). <https://doi.org/10.1016/j.jmb.2010.02.049>

Yen T. H. Ngo, Xenia Bogdanović, Gottfried J. Palm, Olaf Kühn, **Winfried Hinrichs**

Structure of the Ni(II)-complex of *Escherichia coli* peptide deformylase and suggestions on deformylase activities depending on different metal(II)-centres.

J. Biol. Inorg. Chem. 15(2), 195-201 (2010).

Alexey Aleksandrov, Linda Schuldt, **Winfried Hinrichs**, Thomas Simonson

Tetracycline–Tet Repressor binding specificity: insights from experiments and simulations.

Biophysical J. 97(10), 2829-2838 (2009).

Leila Kupfer, **Winfried Hinrichs**, Martin H. Groschup

Prion Protein Misfolding.

Current Molecular Medicine 9(7), 826-835 (2009).

Xenia Bogdanović, Rajesh K. Singh, Johanna Hentschke, Bjarnheidur K. Gudmundsdóttir,

**Winfried Hinrichs**

Crystallization and preliminary X-ray diffraction studies on AsaP1\_E294A and AsaP1\_E294Q, two inactive mutants of the toxic zinc-metallopeptidase AsaP1 from *Aeromonas salmonicida* subsp. *achromogenes*.

Acta Crystallogr Sect F – Struct Biol Cryst Commun 65(7), 695-697 (2009).

Gottfried J. Palm, Thomas Lederer, Peter Orth, Wolfram Saenger, Masayuki Takahashi, Wolfgang Hillen, **Winfried Hinrichs**

Specific binding of divalent metal ions to tetracycline and to the Tet repressor/tetracycline complex.

J. Biol. Inorg. Chem. 13(7), 1097-1110 (2008).

Olaf Kühn, **Winfried Hinrichs**

Tryptophan  $\pi$ -electron system capping a copper(I) binding site - A new organometallic bonding mode in proteins.

ChemBioChem 9(11), 1697-1699 (2008).

Alexey Aleksandrov, Linda Schuldt, **Winfried Hinrichs**, Thomas Simonson

Tet repressor induction by tetracycline: a molecular dynamics, continuum electrostatics, and crystallographic study.

J. Mol. Biol. 378(4), 896-910 (2008).



Alexey Aleksandrov, Juliane Proft, **Winfried Hinrichs**, Thomas Simonson  
Protonation patterns in tetracycline:Tet Repressor recognition: simulations and experiments.  
ChemBioChem 8(6), 675-685 (2007).

Rajesh K. Singh, Gottfried J. Palm, Santosh Panjikar, **Winfried Hinrichs**  
Structure of the apo-form of the catabolite control protein A (CcpA) from *Bacillus megaterium*  
with the DNA binding domain.  
Acta Crystallogr Sect F – Struct Biol Cryst Commun 63(4), 253-257 (2007).

Martin Eiden, Gottfried J. Palm, **Winfried Hinrichs**, Ulrich Matthey, Ralph Zahn, Martin H.  
Groschup  
Synergistic and strain-specific effects of bovine spongiform encephalopathy and scrapie prions  
in the cell-free conversion of recombinant prion protein.  
Journal of General Virology 87(12), 3753-3761 (2006).

Ulrich Hahn, Gottfried J. Palm, **Winfried Hinrichs**  
Alte Codons – neue Aminosäuren. Angew. Chem. 116(10), 1210-1213 (2004).  
Old Codons, New Amino Acids. Angew. Chem. Int. Ed. 43(10), 1190-1193 (2004).

Christiane Fenske, Gottfried J. Palm, **Winfried Hinrichs**  
Wie eindeutig ist der genetische Code? Angew. Chem. 115(6), 626-630 (2003).  
How unique is the genetic code? Angew. Chem. Int. Ed. 42(6), 606-610 (2003).

**Winfried Hinrichs**, Christiane Fenske  
Gene regulation by the tetracycline-inducible Tet repressor-operator system – molecular  
mechanisms at atomic resolution. In: *Tetracyclines in Biology, Chemistry and Medicine*. pp. 107-  
123. Eds. M. Nelson, Wolfgang Hillen, R.A. Greenwald. Birkhäuser Verlag, Basel, 2001.

Wolfram Saenger, Peter Orth, Caroline Kisker, Wolfgang Hillen, **Winfried Hinrichs**  
Der Tetracyclin-Repressor - das Musterbeispiel für einen biologischen Schalter.  
Angew. Chem. 112(12), 2122–2133 (2000).  
The Tetracycline Repressor - a Paradigm for a Biological Switch.  
Angew. Chem. Int. Ed. 39(12), 2042-2052 (2000).

Peter Orth, Dirk Schnappinger, Wolfgang Hillen, Wolfram Saenger, **Winfried Hinrichs**  
Structural basis of gene regulation by the tetracycline inducible Tet repressor-operator system.  
Nature Struct. Biol. 7(3), 215-219 (2000). [https://www.nature.com/articles/nsb0300\\_215](https://www.nature.com/articles/nsb0300_215)

Jan Tebbe, Peter Orth, Elke Küster-Schöck, Wolfgang Hillen, Wolfram Saenger,  
**Winfried Hinrichs**

Crystallization and preliminary X-ray analyses of catabolite control protein A, free and in complex with its DNA binding site.

Acta Crystallogr D – Biol Crystallogr 56(1), 67-69 (2000).

Peter Orth, Dirk Schnappinger, Phaik E. Sum, George A. Ellestad, Wolfgang Hillen, Wolfram Saenger, **Winfried Hinrichs**

Crystal structure of Tet repressor in complex with a novel tetracycline, 9-(*N,N*-dimethylglycylamido)-6-demethyl-6-deoxy-tetracycline.

J. Mol. Biol. 285(2), 455-461 (1999).

Peter Orth, Wolfram Saenger, **Winfried Hinrichs**

Tetracycline chelated Mg<sup>2+</sup>-ion initiates helix unwinding for Tet repressor induction.

Biochemistry 38(1), 191-198 (1999).

Peter Orth, Petra Jekow, Juan C. Alonso, **Winfried Hinrichs**

Proteolytic cleavage of gram-positive  $\beta$ -recombinase is required for crystallisation.

Protein Engineering 12(5), 371-373 (1999). <https://doi.org/10.1093/protein/12.5.371>

Petra Jekow, Joachim Behlke, Willem Tichelaar, Rudi Lurz, Manuela Regalla, **Winfried Hinrichs**, Paulo Tavares.

Effect of the ionic environment on the molecular structure of bacteriophage SPP1 portal protein.

Eur. J. Biochem. 264 (3), 724-735 (1999).

**Winfried Hinrichs**, Peter Orth, Caroline Kisker, Dirk Schnappinger, Wolfgang Hillen, Wolfram Saenger.

Tetracycline repressor acts as a molecular switch regulated by tetracycline binding. In *Current Challenges on Large Supramolecular Assemblies*. pp. 349-366. Editor G. Tsoucaris. Kluwer Academic Publishers, Dordrecht, The Netherlands, 1998.

Christoph Krafft, **Winfried Hinrichs**, Peter Orth, Wolfram Saenger, Heinz Welfle.

Raman Spectroscopic Analysis of Tet Repressor – Operator DNA Interaction in Deuterium Oxide. Cellular and Molecular Biology 44 (1), 239-250 (1998).

Christoph Krafft, **Winfried Hinrichs**, Peter Orth, Wolfram Saenger, Heinz Welfle.

Interaction of Tet Repressor with Operator DNA and with Tetracycline Studied by Infrared and Raman Spectroscopy.

Biophysical J. 74 (1), 63 -71 (1998).

Peter Orth, Frank Cordes, Dirk Schnappinger, Wolfgang Hillen, Wolfram Saenger, **Winfried Hinrichs**.

Conformational changes of the Tet repressor induced by Tetracycline trapping.

J. Mol. Biol. 279 (2), 439-447 (1998).

Petra Jekow, Sigrid Schaper, Dirk Günther, Paulo Tavares, **Winfried Hinrichs**.  
Crystallisation and preliminary X-ray Studies of the 13-fold symmetric Portal Protein of Bacteriophage SPP1.

Acta Crystallogr D – Biol Crystallogr 54(5), 1008-1011 (1998).

Peter Orth, Claudia Alings, Dirk Schnappinger, Wolfram Saenger, **Winfried Hinrichs**.  
Crystallization and preliminary X-ray analysis of the Tet-Repressor/operator complex.  
Acta Crystallogr D – Biol Crystallogr 54(1), 99-101 (1998).

Patrizio S. Antonini, Wolfgang Hillen, Norbert Ettner, **Winfried Hinrichs**, Piercarlo Fantucci, Silvia M. Doglia, Jean-Alain Bousquet, Marie Chabbert.

Molecular mechanics analysis of Tet repressor Trp43 fluorescence.

Biophysical J. 72 (4), 1800-1811 (1997).

Christoph Janiak, Tobias G. Scharmann, Wulf Günther, **Winfried Hinrichs**, Dieter Lentz.  
Copper Coordination Polymers with Infinite Chloride Ion Channels or Different Directions of the Jahn-Teller Distortion, Built from a Tris(1,2,4-triazolyl)borate as a Modified Tris(pyrazolyl)borate Ligand.

Chem. Ber. 129 (9), 991-995 (1996).

Wolfram Saenger, Dirk Kostrewa, Joachim Granzin, Frank Cordes, Claus Sandmann, Caroline Kisker, **Winfried Hinrichs**.

DNA Bending and Binding by two different Proteins: Factor for Inversion Stimulation (FIS) and Tetracycline Repressor.

In *From Simplicity to Complexity in Chemistry and Beyond*, pp. 51-62. Eds. A. Müller, A. Dress, F. Vögtle. F. Vieweg, Sohn Verlagsges.mBh, Braunschweig/Wiesbaden 1996.

Wolfram Saenger, **Winfried Hinrichs**, Katrin Geßler, Thomas Steiner.

Cyclodextrins and Fragments of Starch and Cellulose: Crystal Structures, Self-Assembly and Hydrogen Bonding.

In *Crystallography of Supramolecular Compounds*, pp. 243-263. Eds. G. Tsoucaris, J.L. Atwood, J. Lipkowski. Kluwer Academic Publishers, Dordrecht, The Netherlands, 1996.

Joachim Behrens, **Winfried Hinrichs**, Thorsten Link, Christian Schiffing, Günter Klar.

Host Lattice Function of 2,3,8,9-Tetramethoxydibenzo[*c,e*][1,2]dichalkogenins in their Electrically Conducting Iodine Complexes.

Phosphorus, Sulfur, and Silicon and the related Elements 101 (1-4), 235-244 (1995).

<https://doi.org/10.1080/10426509508042522>

Christoph Janiak, Tobias G. Scharmann, Wulf Günther, Frank Girgsdies, Holger Hemling, **Winfried Hinrichs**, Dieter Lentz.

Ligand-field Control and Hydrogen Bonding as Design Elements in the Assembly and Crystallisation of Poly(azoly)borate-metal Complexes: Chelate Complexes versus Coordination Polymers and Symmetrical versus Distorted Grid Sheets.

Chem. Eur. J. 1 (9), 637-644 (1995).

Norbert Ettner, Jörg W. Metzger, Thomas Lederer, Jeffrey D. Hulmes, Caroline Kisker, **Winfried Hinrichs**, Georg A. Ellestad, Wolfgang Hillen.

Proximity mapping of the Tet repressor – tetracycline–Fe<sup>2+</sup> complex by hydrogen peroxide mediated protein cleavage.

Biochemistry 34 (1), 22-31 (1995).

Caroline Kisker, **Winfried Hinrichs**, Karlheinz Tovar, Wolfgang Hillen, Wolfram Saenger.

The Complex formed between Tetracycline Repressor and Tetracycline–Mg<sup>2+</sup> reveals Mechanism of Antibiotic Resistance.

J. Mol. Biol. 247 (2), 260-280 (1995).

Gerhard Müller, Brigitte Hecht, Vera Helbl, **Winfried Hinrichs**, Wolfram Saenger, Wolfgang Hillen.

Characterization of non-inducible Tet repressor mutants suggests conformational changes necessary for induction.

Nature Struct. Biol. 2 (8), 693-703 (1995).

**Winfried Hinrichs**, Caroline Kisker, Martina Düvel, Alexander Müller, Karlheinz Tovar, Wolfgang Hillen, Wolfram Saenger.

Structure of the Tet Repressor–Tetracycline Complex and Regulation of Antibiotic Resistance.

Science 264 (5157), 418-420 (1994). <https://doi.org/10.1126/science.8153629>

Alexander Müller, **Winfried Hinrichs**, Wojciech M. Wolf, Wolfram Saenger.

Crystal Structure of Ca<sup>2+</sup>-free Proteinase K at 1.5 Å Resolution.

J. Biol. Chem. 269 (37), 23108-23111 (1994).

Thomas Steiner, **Winfried Hinrichs**, Wolfram Saenger, Roy Gigg.

'Jumping Crystals': X-ray Structures of the Three Crystalline Phases of (±)-3,4-Di-O-acetyl-1,2,5,6-tetra-O-benzyl-*myo*-inositol.

Acta Crystallogr B – Struct Sci 49(4), 708-718 (1993).

Wolfgang Schulz, Heinz Sklenar, **Winfried Hinrichs**, Wolfram Saenger.

The Structure of the Left-Handed Antiparallel Amylose Double Helix: Theoretical Studies.

Biopolymers 33(3), 363-375 (1993).

Wolfram Saenger, Claudia Niemann, Roswitha Herbst, **Winfried Hinrichs**, Thomas Steiner.  
Crystal structures of linear and cyclic oligosaccharides: An overview.  
Pure Appl. Chem. 65(4), 809-817 (1993).

Norbert Krauß, **Winfried Hinrichs**, Ingrid Witt, Petra Fromme, Wolfgang Pritzkow, Zbigniew Dauter, Christian Betzel, Keith S. Wilson, Horst T. Witt, Wolfram Saenger.  
Three-dimensional structure of system I of photosynthesis at 6 Å resolution.  
Nature 361 (6410), 326-331 (1993).

Horst T. Witt, Norbert Krauß, **Winfried Hinrichs**, Ingrid Witt, Petra Fromme, Wolfram Saenger.  
Three-dimensional crystals of photosystem I from *Synechococcus* sp. and X-ray structure analysis at 6 Å resolution.  
In *Research in Photosynthesis*, Vol.1, Chap.4, 521-528. Editor N. Murata, Kluwer Academic Publishers, Dordrecht, The Netherlands, 1992.

Joachim Behrens, Susanne Arnold, Günter Klar, **Winfried Hinrichs**.  
Cationic copper(I) complexes of composition  $[\text{Cu}(\text{Vn}_3\text{S}_3)\text{L}]^+ \text{CF}_3\text{SO}_3^-$   
( $\text{Vn}_3\text{S}_3 = 5,10,15\text{-trithia-cyclo-triveratrylene}$ ,  $\text{L} = \text{CO}, \text{CH}_3\text{OH}$ ).  
Transition Met. Chem. 16(1), 76-81 (1991).

Marc Dötze, **Winfried Hinrichs**, Günter Klar.  
Crystal and Molecular Structures of the Tetragonal Forms of  
2,3,7,8-Tetramethoxyselenanthrene and 2,3,7,8-Tetramethoxydibenzo[*b,e*][1,4]thiaselenine.  
J. Chem. Research (S) 314-315, (M) 2861-2875 (1991).

Wojciech M. Wolf, Jürgen Bajorath, Alexander Müller, Srinivasan Raghunathan, Tej P. Singh, **Winfried Hinrichs**, Wolfram Saenger.  
Inhibition of Proteinase K by Methoxysuccinyl-Ala-Ala-Pro-Ala-chloromethyl Ketone. An X-ray study at 2.2 Å Resolution.  
J. Biol. Chem. 266(26), 17695-17699 (1991).

**Winfried Hinrichs**, Wolfram Saenger.  
Crystal and Molecular Structure of the Hexasaccharide Complex (*p*-Nitrophenyl  $\alpha$ -maltohexaoside)<sub>2</sub> · Ba(I<sub>3</sub>)<sub>2</sub> · 27H<sub>2</sub>O.  
J. Am. Chem. Soc. 112(7), 2789-2796 (1990).

Horst T. Witt, Matthias Rögner, Ulrich Mühlhoff, Ingrid Witt, **Winfried Hinrichs**, Wolfram Saenger, Christian Betzel, Zbigniew Dauter, Egbert J. Boekema.  
On Isolated Complexes of Reaction Center I and X-Ray Characterization of Single Crystals. In *Current Research in Photosynthesis*, Vol.II, Chap.4, pp.547-554. Editor M. Baltscheffsky, Kluwer Academic Publishers, Dordrecht, The Netherlands, 1990.

Tej P. Singh, Punit Narula, V.S. Chauhan, Ashwani K. Sharma, **Winfried Hinrichs**.

Structure of *N*-Boc-*L*-Pro-dehydro-Leu-NHCH<sub>3</sub>.

Int. J. Peptide Protein Res. 33(2), 167-172 (1989).

Thomas Steiner, **Winfried Hinrichs**, Wolfram Saenger, Georg-Alexander Hoyer.

A side chain of diastereomeric Iloprost protudes from the cage in the  $\beta$ -Cyclodextrin inclusion complex. Crystal structure of ( $\beta$ -Cyclodextrin)<sub>2</sub> · Iloprost · 20.5 H<sub>2</sub>O.

Carbohydr. Res. 192, 43-49 (1989).

Jürgen Bajorath, S. Raghunathan, **Winfried Hinrichs**, Wolfram Saenger.

Long-range structural changes in proteinase K triggered by calcium ion removal.

Nature 337(6206), 481-484 (1989).

Volker A. Erdmann, Corinna Lippmann, Christian Betzel, Zbigniew Dauter, Keith Wilson, Rolf Hilgenfeld, Julia Hoven, Alexander Liesum, Wolfram Saenger, Anke Müller-Fahrnow, **Winfried Hinrichs**, Martina Düvel, Georg E. Schulz, Christoph W. Müller, Hans G. Wittmann, Ada Yonath, Gabriela Weber, Karin Stegen, Andreas Plaas-Link.

Crystallization of proteins under microgravity.

FEBS Letters 259(1), 194-198 (1989).

Dieter Rehder, Hartmut Holst, Rainer Quaas, **Winfried Hinrichs**, Ulrich Hahn, Wolfram Saenger.

Binding of Vanadate(V) to Ribonuclease-T<sub>1</sub> and Inosine, Investigated by <sup>51</sup>V NMR Spectroscopy.

J. Inorg. Biochem. 37(2), 141-150 (1989).

Jürgen Bajorath, **Winfried Hinrichs**, Wolfram Saenger.

The enzymatic activity of proteinase K is controlled by calcium.

Eur. J. Biochem. 176(2), 441-447 (1988).

Anke Müller-Fahrnow, **Winfried Hinrichs**, Wolfram Saenger, Hans Vilter.

The first crystallisation of a vanadium-dependent peroxidase.

FEBS Letters 239 (2), 292-294 (1988).

Ingrid Witt, Horst T. Witt, D. Di Fiore, Matthias Rögner, **Winfried Hinrichs**, Wolfram Saenger, Joachim Granzin, Christian Betzel, Zbigniew Dauter.

X-Ray Characterization of Single Crystals of the Reaction Center I of Water Splitting Photosynthesis.

Ber. Bunsenges. Phys. Chem. 92(12), 1503-1506 (1988).

Jaap G. Haasnoot, T. Loek F. Favre, **Winfried Hinrichs**, Jan Reedijk.

A Novel Tetranuclear Copper(I) Cluster with Alternate Bridging Halide and Triazolpyrimidine Ligands.

Angew. Chem. 100, 884-885 (1988).

Angew. Chem. Int. Ed. 27(6), 856-858 (1988).

**Winfried Hinrichs**, Peer Berges, Günter Klar.

2.3.7.8–Tetramethoxythianthrenium Salts.

Z. Naturforsch. B 42(2), 169-176 (1987).

Arno Holzmann, Peer Berges, **Winfried Hinrichs**, Günter Klar.

2:1 Complexes of Differently Substituted 2,2'-Thiophenolate(2-) Ions with Cobalt(II), Nickel(II) and Copper(II). Structure of the Trinuclear Complex Bis(dimethanol–lithium)–Bis[2,2'-thiodiphenolato(2-)-O,O,S]cuprate(II).

J. Chem. Research (S) 42-43, (M) 0328-0348 (1987).

Robert B. Helmholtz, **Winfried Hinrichs**, Jan Reedijk.

Intramolecular Hydrogen Bonding in Dichlorotetrakis(pyrazole–N<sup>2</sup>)nickel(II) as Studied by Low-Temperature Neutron Diffraction, X-ray Diffraction and Infrared Spectroscopy.

Acta Crystallogr Section C – Cryst Struct Commun 43(2), 226-229 (1987).

<https://doi.org/10.1107/S0108270187096343>

Peer Berges, **Winfried Hinrichs**, Carl von Schlabrendorff, Günter Klar.

Crystal and Molecular Structures of Potassium Aminomethylnitrosolate.

J. Chem. Research (S) 250-251, (M) 2012-2024 (1987).

**Winfried Hinrichs**, Manfred Steifa, Wolfram Saenger, Fritz Eckstein.

Absolute configuration of Rp–uridine 3',5'–cyclic phosphorothioate.

Nucl.Acids Res. 15(12), 4945-4955 (1987).

**Winfried Hinrichs**, Peer Berges, Günter Klar, E. Sánchez-Martínez, Walter Gunsser.

Structure and Electrical Conductivity of TCNQ – 2,3,7,8–Tetramethoxychalkogenanthrene Complexes.

Synthetic Metals 20(3), 357-364 (1987).

Peer Berges, **Winfried Hinrichs**, Klaus Stender, Günter Klar.

Crystal and Molecular Structures of Dithieno[3,4-*b*;3',4'-*e*][1,4]dithiine–1,3,5,7–tetraone.

J.Chem.Research (S) 326-327, (M) 2773-2782 (1987).

Willem L. Driessen, Henk L. Blonk, **Winfried Hinrichs**, Jan Reedijk.

Structure of the Mixed-Valence Compound Poly{[N,N-bis(3,5-dimethyl-1-pyrazolylmethyl)aminobenzene]–tris(μ–thiocyanato–S,N)–dicopper (I,II)}.

Acta Crystallogr Section C – Cryst Struct Commun 43(10), 1885-1888 (1987).

<https://doi.org/10.1107/S0108270187089741>

H. Kacholdt, Peer Berges, Günter Klar, **Winfried Hinrichs**.

Chalcogenanthrenes as bridging ligands in dinuclear complexes of rhenium(I) and platinum(IV).  
X-ray crystal structure of  
di( $\mu$ -chloro)( $\mu$ -2,3,7,8-tetramethoxyselenanthrene)hexamethyldiplatinum(IV).  
Transition Met.Chem. 12(6), 515-520 (1987).

**Winfried Hinrichs**, Gerd Büttner, Christian Betzel, Manfred Steifa, Volker Zabel, Beate Pfannemüller, Wolfram Saenger.

An Amylose Antiparallel Double Helix at Atomic Resolution. Polyiodide Complex of *p*-Nitrophenyl- $\alpha$ -maltohexaose.

Science 238 (4824), 205-208 (1987). <https://doi.org/10.1126/science.238.4824.205>

Peer Berges, **Winfried Hinrichs**, Arno Holzmann, Jens Wiese, Günter Klar.

Crystal and Molecular Structures of Tri- $\mu$ -oxotris{oxo}[2,2'-thiodiphenylato(2-)-*O,O,S*]tungsten(VI) – Toluene (1:1).

J.Chem.Research (S) 10-11, (M) 0201-0244 (1986).

Peer Berges, **Winfried Hinrichs**, Arno Holzmann, Jens Wiese, Günter Klar.

Crystal and Molecular Structures of Sodium Bis[2,2'-selenodiphenolato(2-)-*O,O,Se*]cobaltate(III) – Propan-2-ol (1:2).

J.Chem.Research (S) 12-13, (M) 0245-0276 (1986).

Phalguni Chaudhuri, Karen Oder, Karl Wiegardt, Johannes Weiss, Jan Reedijk,

**Winfried Hinrichs**, John S. Wood, Andrej Ozarowski, Horst Stratemaier, Dirk Reinen.

Variable-Temperature Single-Crystal Electron Spin Resonance Study and Crystal Structure of [Cu(C<sub>6</sub>H<sub>15</sub>N<sub>3</sub>)<sub>2</sub>][Cu(CN)<sub>3</sub>] · 2H<sub>2</sub>O at 110 and 293K. Static and Dynamic Jahn-Teller Distortions in the CuN<sub>6</sub> Polyhedron.

Inorg.Chem. 25 (17), 2951-2958 (1986).

Jaap G. Haasnoot, **Winfried Hinrichs**, Orla Weir, Johannes G. Vos.

X-ray Structure and Reactivity of [Ru(2,2'-Bipyridil)<sub>2</sub>CO]H] PF<sub>6</sub> – acetone (2/1).

A Possible Intermediate in the Water-Gas Shift Reaction Catalysed by Ruthenium Polypyridil Complexes.

Inorg.Chem. 25(23), 4140-4143 (1986).

Stefan H. Eggers, **Winfried Hinrichs**, Jürgen Kopf, Werner Jahn, R. Dieter Fischer.

Koordinationsverhältnisse in basenfreien Tricylopentadienyl-Lanthanoid(III)-Komplexen. Die Röntgenstrukturen von Tricylopentadienyl-Erbium(III) und -Thulium(III).

J.Organomet.Chem. 11, 313-323 (1986).

**Winfried Hinrichs**, Peer Berges, Günter Klar, George M. Sheldrick.

3:1 Complexes of Hexachloro-dibenzo-*p*-dioxin-2,3-quinone with 2,3,7,8-Tetramethoxythianthrene and Selenanthrene.



Z.Naturforsch. B 41(9), 1133-1141 (1986).

Ulrich Behrens, Peer Berges, Rainer Bieganski, **Winfried Hinrichs**, Christian Schiffing, Günter Klar.

Complexes of Thianthrene and Selenanthrene with  $d^8$  and  $d^{10}$  Systems. Structures of the 1:1 Complexes of Tetra-alkoxyselenanthrenes with Platinum(II) and Mercury(II) Chlorides. J.Chem.Research (S) 326-327, (M) 2801-2827 (1986).

Johannis L. van der Veer, **Winfried Hinrichs**, Jan Reedijk.

Structure of the Antitumor Active Compound Tetrachloro(2,2-dimethyl-1,3-propanediamine)platinum(IV).

Acta Crystallogr Section C – Cryst Struct Commun 42(5), 534-535 (1986).

<https://doi.org/10.1107/S0108270186095495>

Peer Berges, **Winfried Hinrichs**, Günter Klar.

Crystal and Molecular Structures of 5,5-Dibromo-2,3,7,8-tetramethoxyselenanthrene. J.Chem.Research (S) 362-363, (M) 3121-3136 (1986).

**Winfried Hinrichs**, Jürgen Kopf, Klaus Stender, Günter Klar.

4,4',5,5'-Tetramethoxy-2,2'-dithiobiphenyl – Iod (6/7), eine Verbindung mit Radikalkationen und Polyiodidketten.

Z. Naturforsch. B 40(1), 39-44 (1985).

Klaus von Deuten, **Winfried Hinrichs**, Tilman Weiss, Günter Klar.

Structures and Properties of the Tetrameric o-Phenylene Chalcogenides 10,15,20-Trihydro-5H-5,10,15,20-tetraoxa- and 2,3,7,8,12,13,17,18-Octamethoxy-10,15,20-trihydro-5H-5,10,15,20-tetrathia-tetrabenzocyclo[dodecane].

J.Chem.Research (S) 52-53, (M) 0501-0557 (1985).

Syb Gorter, **Winfried Hinrichs**, Jan Reedijk, Jean Rimbault, Jean-Claude Pierrard, R.P. Hugel.

Structure, Spectroscopy and Magnetism of Di-iodo-bridged Tetrahedral Cobalt(II) Compounds.

The Crystal and Molecular Structures of

Di- $\mu$ -iodo-bis[iodotriphenylphosphinecobalt(II)] bis(benzene) and

Di- $\mu$ -iodo-bis[iodotriphenylphosphineoxidecobalt(II)] bis(benzene).

Inorg.Chim.Acta 105(3), 181-186 (1985).

Peer Berges, **Winfried Hinrichs**, Jürgen Kopf, Dieter Mandak, Günter Klar.

Crystal- and Molecular Structures of the Square Pyramidal Complexes

*abc*-Trichloro-*de*-bis(3-methylbenzthiazole-2-thione-S) antimony(III) and

*cde*-Trichloro-*ab*-bis(3-methylimidazole-2-thione-S) antimony(III).

J.Chem.Research (S) 218-219, (M) 2601-2679 (1985).

**Winfried Hinrichs**, Detlef Melzer, Werner Jahn, Margrit Rehwoldt, R. Dieter Fischer.  
Koordinationsverhältnisse in basenfreien Tricyclopentadienyl-Lanthanoid(III)-Komplexen.  
Röntgenstrukturanalyse von Tricyclopentadienyl-Praseodym(III).  
J.Organomet.Chem. 251(3), 299-305 (1983).

**Winfried Hinrichs**, Günter Klar.  
1:1 Complexes of 7,7,8,8-Tetracyano-*p*-quinodimethane with 2,3,7,8-Tetramethoxy-  
thianthrene and Selenanthrene.  
J.Chem.Research (S) 336-337, (M) 3540-3593 (1982).

**Winfried Hinrichs**, Dieter Mandak, Günter Klar.  
2-Methylmercaptobenzthiazoliumpentachlorotellurate(IV) – Dioxane (2/3).  
Cryst.Struct.Comm. 11, 1781-1786 (1982).

**Winfried Hinrichs**, Dieter Mandak, Günter Klar.  
Bis(2-Methylmercaptobenzimidazolium)hexachlorotellurate(IV) – tetrahydrofuran(1/2).  
Cryst.Struct.Comm. 11(1), 309-314 (1982).

**Winfried Hinrichs**, Hans-Jürgen Riedel, Günter Klar.  
Crystal and Molecular Structures of 2,3,7,8-Tetramethoxythianthrene.  
J.Chem.Research (S) 334-335, (M) 3501-3539 (1982).

Klaus von Deuten, **Winfried Hinrichs**, Günter Klar.  
Crystal and Molecular Structures of Potassium bis[nitroacetato(2-)] cuprate(II) – water(1/1).  
Polyhedron 1(3), 247-251 (1982).

Hartmut Müller, Arno Holzmann, **Winfried Hinrichs**, Günter Klar.  
1:2 – Complexes of Cobalt(II) with the Anions of 2,2'-Dihydroxydiphenyloxide and -sulfide –  
Crystal and Molecular Structure of Sodium bis[diphenylsulfid-2,2'-diolato(2-)]cobaltate(II) –  
Acetone – Water (1/2/1).  
Z. Naturforsch. B 37(3), 341-347 (1982).

Klaus Stender, **Winfried Hinrichs**, Jürgen Kopf, Günter Klar.  
2,2'-Biphenylene Mercury.  
Cryst.Struct.Comm. 10(2), 613-621 (1981).

Klaus von Deuten, **Winfried Hinrichs**, Günter Klar.  
2,3,7,8-Bis(methylendioxy)selenanthrene.  
Cryst.Struct.Comm. 10(1), 327-332 (1981).