

Publikationen 2017

Beiträge in Büchern / Zeitschriften

Zeitschriftenaufsatz (Originalarbeit)

- Brenig, C.N.; Ruetz, M.; Kieninger, C.; Wurst, K.; Kräutler, B. (2017): Alpha- and Beta-Diastereoisomers of Phenylcobalamin from Cobalt-Arylation with Diphenyliodonium Chloride.
In: Chemistry - A European Journal 23/41, S. 9726 - 9731. ([DOI](#)) ([Weblink](#))
- Carmo dos Santos, Nadia Alessandra; Lorandi, Francesca; Badetti, Elena; Wurst, Klaus; Isse, Abdirisak Ahmed; Gennaro, Armando; Licini, Giulia; Zonta, Cristiano (2017): Tuning the reactivity and efficiency of copper catalysts for atom transfer radical polymerization by synthetic modification of tris(2-methylpyridyl)amine.
In: POLYMER 128, S. 169 - 176. ([DOI](#))
- Carmo dos Santos, Nadia Alessandra; Natali, Mirco; Badetti, Elena; Wurst, Klaus; Licini, Giulia; Zonta, Cristiano (2017): Cobalt, nickel, and iron complexes of 8-hydroxyquinoline-di(2-picolyl)amine for light-driven hydrogen evolution.
In: Dalton Transactions 46, S. 16455 - 16464. ([DOI](#))
- Haslinger, Simone; Laus, Gerhard; Oberparleitner, Stefan; Wurst, Klaus; Kahlenberg, Volker; Nerdinger, Sven; Schreiner, Erwin; Schottenberger, Herwig (2017): Synthesis and crystal structures of dicobalt hexacarbonyl complexes of dicationic alkyne-bridged imidazolium and triazolium derivatives.
In: Heterocycles 95/2, S. 1148 - 1158. ([DOI](#))
- Hummel, M.; Markiewicz, M.; Stolte, S.; Noisternig, M.; Braun, D. E.; Gelbrich, T.; Griesser, U. J.; Partl, G.; Naier, B.; Wurst, K.; Krüger, B.; Kopacka, H.; Laus, G.; Huppertz, H.; Schottenberger, H. (2017): Phase-out-compliant fluorosurfactants: unique methimazolium derivatives including room temperature ionic liquids.
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- Jochriem, Markus; Kirchler, Christian G.; Laus, Gerhard; Wurst, Klaus; Kopacka, Holger; Müller, Thomas; Schottenberger, Herwig (2017): Synthesis and crystal structures of non-symmetric 1,3-di(alkyloxy)imidazolium salts.
In: Zeitschrift für Naturforschung. Section B: A Journal of Chemical Sciences 72b/8, S. 617 - 626. ([DOI](#))
- Koy, Maximilian; Elser, Iris; Meisner, Jan; Frey, Wolfgang; Wurst, Klaus; Kaestner, Johannes; Buchmeiser, Michael R. (2017): High Oxidation State Molybdenum N-Heterocyclic Carbene Alkylidyne Complexes: Synthesis, Mechanistic Studies, and Reactivity.
In: Chemistry - A European Journal 23/61, S. 15484 - 15490. ([DOI](#))
- Reitsamer, Christian; Hackl, Inge; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2017): Gold(I) and Gold(III) complexes of the [CH(dppm)₂]⁺ and C(dppm)₂ PCP pincer ligand systems.

In: Journal of Organometallic Chemistry 830, S. 150 - 154. ([DOI](#))

- Ruetz, M.; Shanmuganathan, A.; Gherasim, C.; Karasik, A.; Salchner, R.; Kieninger, C.; Wurst, K.; Banerjee, R.; Koutmos, M.; Kräutler, B. (2017): Antivitamin B12 Inhibition of the Human B12-Processing Enzyme CblC: Crystal Structure of an Inactive Ternary Complex with Glutathione as the Cosubstrate.
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- Schildhammer, Daniel; Fuhrmann, Gerda; Petschnig, Lucas L.; Wurst, Klaus; Vitzthum, Daniela; Seibald, Markus; Schottenberger, Herwig; Huppertz, Hubert (2017): Structural Redetermination and Photoluminescence Properties of the Niobium Oxyphosphate (NbO)₂P₄O₁₃.
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- Schmitt, Martin K.; Janka, Oliver; Pöttgen, Rainer; Wurst, Klaus; Huppertz, Hubert (2017): The High-Pressure Nickel Borate Hydrate Ni₃B₁₈O₂₈(OH)₄·H₂O.
In: European Journal of Inorganic Chemistry 2017/29, S. 3508 - 3515. ([DOI](#))
- Wilhelm, Dominik; Baumann, Dominik; Seibald, Markus; Wurst, Klaus; Heymann, Gunter; Huppertz, Hubert (2017): Narrow-Band Red Emission in the Nitridolithoaluminate Sr₄[LiAl₁₁N₁₄]:Eu²⁺.
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- Zardi, Paolo; Wurst, Klaus; Licini, Giulia; Zonta, Cristiano (2017): Concentration-Independent Stereodynamic g-Probe for Chiroptical Enantiomeric Excess Determination.
In: Journal of the American Chemical Society 139/44, S. 15616 - 15619. ([DOI](#))

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- Lampl, Martin; Laus, Gerhard; Wurst, Klaus; Huppertz, Hubert; Schottenberger, Herwig (2017): 1-Vinylimidazoline-2-thione.
In: IUCrData 2/8, No. x171207. ([DOI](#)) ([Weblink](#))
- Laus, Gerhard; Wurst, Klaus; Nerdinger, Sven; Richter, Frank; Schottenberger, Herwig (2017): (R)-3-(tert-Butoxycarbonyl)-5-methyl-1,2,3-oxathiazolidine 2,2-dioxide.
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- Laus, Gerhard; Wurst, Klaus; Schottenberger, Herwig (2017): 3,3'-(Dodecane-1,12-diyl)bis(1-methylimidazolium) 5,5'-azotetrazolate heptahydrate.
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- Oberparleiter, S.; Laus, G.; Gelbrich, T.; Wurst, K.; Kunze-Liebhäuser, J.; Schottenberger, H. (2017): Hexaethylguanidinium tetrakis(trimethylsilylethynyl)borate diethyl ether monosolvate.
In: IUCrData 2/5, No. x170724. ([DOI](#)) ([Weblink](#))
- Partl, Gabriel; Bentivoglio, Gino; Laus, Gerhard; Gelbrich, Thomas; Wurst, Klaus; Huppertz, Hubert; Schottenberger, Herwig (2017): 1-Allyl-2,3-cyclopentenopyridinium chloride.

In: IUCrData 2/5, No. x170669. (DOI) (Weblink)

- Partl, Gabriel; Laus, Gerhard; Gelbrich, Thomas; Wurst, Klaus; Huppertz, Hubert; Schottenberger, Herwig (2017): 3-(1H,1H,2H,2H-Perfluorooctyl)-1-vinyl-4-imidazoline-2-thione.
In: IUCrData 2/5, No. x170648. (DOI) (Weblink)
- Partl, Gabriel; Laus, Gerhard; Wurst, Klaus; Kopacka, Holger; Müller, Thomas; Huppertz, Hubert; Schottenberger, Herwig (2017): 2,5-Bis[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfanyl]-1,3,4-thiadiazole.
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- Vanicek, Stefan; Wurst, Klaus; Bildstein, Benno (2017): Cobaltoceniumsulfonate.
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- Ruetz, M.; Shanmuganathan, A.; Gherasim, C.; Karasik, A.; Salchner, R.; Kieninger, C.; Wurst, K.; Banerjee, R.; Koutmos, M.; Kräutler, B. (2017): Inhibierung des humanen B12-verarbeitenden Enzyms CblC durch Antivitamine B12 - Kristallstruktur des inaktiven ternären Komplexes mit dem Kosubstrat Glutathion.
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