

# Publikationen 2018

## Beiträge in Büchern / Zeitschriften

### Zeitschriftenaufsatz (Originalarbeit)

- Partl, Gabriel J.; Nussbaumer, Felix; Schlapp-Hackl, Inge; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2018): Crystal structures of four new iridium complexes, each containing a highly flexible carbodiphosphorane PCP pincer ligand.  
In: Acta Crystallographica. Section E: Crystallographic Communications E74, S. 846 - 852. ([DOI](#))
- Prock, Johannes; Ehrmann, Katharina; Viertl, Wolfgang; Pehn, Richard; Pann, Johann; Roithmeyer, Helena; Bendig, Marvin; Rodriguez Villalon, Alba; Kopacka, Holger; Dumfort, Alexander; Oberhauser, Werner; Clausing, Simon T.; Knör, Günther; Brüggeller, Peter (2018): Photochemical Synthesis of cis,trans,cis-1,2,3,4-Tetrakis(diphenylphosphanyl)buta-1,3-diene and Its Metal Coordination.  
In: European Journal of Inorganic Chemistry 46, S. 4962 - 4971. ([Volltext](#)) ([DOI](#))
- Prock, Johannes; Salzl, Simon; Ehrmann, Katharina; Viertl, Wolfgang; Pehn, Richard; Pann, Johann; Roithmeyer, Helena; Bendig, Marvin; Kopacka, Holger; Capozzoli, Laura; Oberhauser, Werner; Knör, Günther; Brüggeller, Peter (2018): Application of a Water-Soluble Matrix-Stabilized Palladium Nanoparticle Catalyst for Photocatalytic Hydrogen Generation with High Activity and Stability.  
In: ChemPhotoChem 2/3, S. 271 - 276. ([DOI](#)) ([Weblink](#))
- Reitsamer, Christian; Schlapp-Hackl, Inge; Partl, Gabriel; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2018): Crystal structure of an iridium(III) complex of the [C(dppm)<sub>2</sub>] PCP pincer ligand system and its conjugate CH acid form.  
In: Acta Crystallographica. Section E: Crystallographic Communications E74, S. 620 - 624. ([DOI](#)) ([Weblink](#))
- Schlapp-Hackl, Inge; Hassenrück, Christopher; Wurst, Klaus; Kopacka, Holger; Müller, Thomas; Winter, Rainer F.; Bildstein, Benno (2018): Metallo-Scorpionates: First Generation of Trimetallic, Homoleptic [Ru]–M–[Ru] Complexes (M = Fe, Co, Ni, Cu).  
In: European Journal of Inorganic Chemistry 2018/40, S. 4434 - 4441. ([Volltext](#)) ([DOI](#)) ([Weblink](#))
- Holger; Wurst, Klaus; Peringer, Paul (2018): Crystal structures of the [IrIII{C(C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>)(dppm)-kappa<sup>3</sup>P,C,O}(dppm)H](CF<sub>3</sub>O<sub>3</sub>S)<sub>2</sub> and [IrIII{C(C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>)(dppm)-kappa<sup>2</sup>P,C}(CO)(dppm)H](CF<sub>3</sub>O<sub>3</sub>S)<sub>2</sub> phosphorus ylide complexes, generated by a Wittig-type carbon–carbon coupling reaction of a carbodiphosphorane PCP ligand system.  
In: Acta Crystallographica. Section E: Crystallographic Communications E74, S. 1643 - 1647. ([DOI](#)) ([Weblink](#))

- Vanicek, Stefan; Podewitz, Maren; Hassenrück, Christopher; Pittracher, Michael; Kopacka, Holger; Wurst, Klaus; Müller, Thomas; Liedl, Klaus R.; Winter, Rainer F.; Bildstein, Benno (2018): Cobaltocenylidene: A Mesoionic Metallocene Carbene, Stabilized in a Gold(III) Complex.  
In: Chemistry - A European Journal 24/13, S. 3165 - 3169. ([Volltext](#)) ([DOI](#)) ([Weblink](#))
- Vanicek, Stefan; Podewitz, Maren; Stubbe, Jessica; Schulze, Dennis; Kopacka, Holger; Wurst, Klaus; Müller, Thomas; Lippmann, Petra; Haslinger, Simone; Schottenberger, Herwig; Liedl, Klaus R.; Ott, Ingo; Sarkar, Biprajit; Bildstein, Benno (2018): Highly Electrophilic, Catalytically Active and Redox-Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes.  
In: Chemistry - A European Journal 24/15, S. 3742 - 3753. ([DOI](#)) ([Weblink](#))

## Zeitschriftenbeitrag (anderer)

- Prock, Johannes; Ehrmann, Katharina; Viertl, Wolfgang; Pehn, Richard; Pann, Johann; Roithmeyer, Helena; Bendig, Marvin; Rodriguez Villalon, Alba; Kopacka, Holger; Dumfort, Alexander; Oberhauser, Werner; Clausing, Simon T.; Knör, Günther; Brüggeller, Peter (2018): Cover Profile: Photochemical Synthesis of cis,trans,cis-1,2,3,4-Tetrakis(diphenylphosphanyl)buta-1,3-diene and Its Metal Coordination.  
In: European Journal of Inorganic Chemistry 46, S. 4934. ([DOI](#)) ([Weblink](#))
- Vanicek, Stefan; Podewitz, Maren; Stubbe, Jessica; Schulze, Dennis; Kopacka, Holger; Wurst, Klaus; Müller, Thomas; Lippmann, Petra; Haslinger, Simone; Schottenberger, Herwig; Liedl, Klaus R.; Ott, Ingo; Sarkar, Biprajit; Bildstein, Benno (2018): Cover Feature: Highly Electrophilic, Catalytically Active and Redox-Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes.  
In: Chemistry - A European Journal 24/15, S. 3635. ([DOI](#)) ([Weblink](#))
- Vanicek, Stefan; Wurst, Klaus; Kopacka, Holger; Bildstein, Benno (2018): Bis(4-cobaltoceniumyl-1-ferrocenyl-3-methyl-1,2,3-triazolylidene)gold(I) hexafluoridophosphate-trifluoromethanesulfonate (1.2/1.8).  
In: IUCrData 3, No. x180623. ([DOI](#)) ([Weblink](#))