

# Publikationen 2019

## Beiträge in Büchern / Zeitschriften

### Zeitschriftenaufsatz (Originalarbeit)

- Jochriem, Markus; Bosch, Dominik; Kopacka, Holger; Bildstein, Benno (2019): Direct Amination of Cobaltocenium Hexafluoridophosphate via Vicarious Nucleophilic Substitution.  
In: Organometallics 38/10, S. 2278 - 2279. (DOI) (Weblink)
- Jochriem, Markus; Wurst, Klaus; Kopacka, Holger; Bildstein, Benno (2019): Crystal structures of 1'-aminocobaltocenium-1-carboxylic acid chloride monohydrate and of its azo dye 1'-[2-(1-amino-2,6-dimethylphenyl)diazen-1-yl]cobaltocenium-1-carboxylic acid hexafluoridophosphate monohydrate.  
In: Acta Crystallographica. Section E: Crystallographic Communications E75, S. 208 - 213. (DOI) (Weblink)
- Lampl, Martin; Schlapp-Hackl, Inge; Wurst, Klaus; Gelbrich, Thomas; Kopacka, Holger; Müller, Thomas; Kreutz, Christoph; Naier, Benjamin; Partl, Gabriel Julian; Kahlenberg, Volker; Amer, Hassan; Bacher, Markus; Rosenau, Thomas; Huppertz, Hubert; Schottenberger, Herwig (2019): Synthetic and structural studies on pentafluorobenzylated imidazole systems.  
In: Journal of Fluorine Chemistry 218, S. 51 - 62. (DOI) (Weblink)
- Partl, Gabriel Julian; Nussbaumer, Felix; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2019): Crystal structures of two PCN pincer iridium complexes and one PCP pincer carbodiphosphorane iridium intermediate: substitution of one phosphine moiety of a carbodiphosphorane by an organic azide.  
In: Acta Crystallographica. Section E: Crystallographic Communications E75, S. 75 - 13680. (DOI)
- Pauer, Bettina; Partl, Gabriel Julian; Oberparleitner, Stefan; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2019): Crystal structures of  $[\text{IrCl}_2(\text{NHCHPh})((\text{dppm})(\text{C}(\text{N}_2\text{dppm}))-\kappa^3\text{P,C,P})]\text{Cl} \cdot (5.5)\text{MeCN}$  and  $[\text{Ir}(\text{NHCHPh})(((\text{dppm})\text{C}(\text{N}_2))-\kappa^2\text{P,C})(\text{dppm}-\kappa^2\text{P,P}')](1)(13) \cdot 0.5(12) \cdot \text{MeOH} \cdot 0.5(\text{CH}_2\text{Cl}_2)$ : triazene fragmentation in a PCN pincer iridium complex.  
In: Acta Crystallographica. Section E: Crystallographic Communications E75, S. 179 - 184. (DOI) (Weblink)

- Schlapp-Hackl, Inge; Falschlunger, Christoph; Zauner, Kathrin; Schuh, Walter; Kopacka, Holger; Wurst, Klaus; Peringer, Paul (2019): Syntheses and crystal structures of  $[\text{IrIII}\{\text{C}(\text{CHCO}_2\text{Et})(\text{dppm})_2\text{-}\kappa^4\text{P,C,C',P'}\}\text{ClH}]\text{Cl}\cdot 2.75\text{CH}_2\text{Cl}_2$  and its derivatives,  $[\text{IrIII}\{\text{C}(\text{CHCO}_2\text{Et})(\text{dppm})_2\text{-}\kappa^4\text{P,C,C',P'}\}(\text{CH}_2\text{CO}_2\text{Et})\text{Cl}]\text{Cl}\cdot \text{CH}_3\text{OH}\cdot 0.5\text{H}_2\text{O}$ ,  $[\text{IrIII}\{\text{C}(\text{CHCO}_2\text{Et})(\text{dppm})_2\text{-}\kappa^4\text{P,C,C',P'}\}\text{Cl}_2]\text{Cl}\cdot \text{CH}_3\text{OH}\cdot 2\text{H}_2\text{O}$  and  $[\text{IrIII}\{\text{C}(\text{CHCO}_2\text{Et})(\text{dppm})_2\text{-}\kappa^4\text{P,C,C',P'}\}(\text{CH}_2\text{CO}_2\text{Et})(\text{CO})]\text{Cl}_2\cdot 2\text{CH}_2\text{Cl}_2\cdot 1.5\text{H}_2\text{O}$ .  
 In: Acta Crystallographica. Section E: Crystallographic Communications E75, S. 12 - 20. ([DOI](#))
- Vanicek, Stefan; Jochriem, Markus; Hassenrück, Christopher; Roy, Souvik; Kopacka, Holger; Wurst, Klaus; Müller, Thomas; Winter, Rainer F.; Reisner, Erwin; Bildstein, Benno (2019): Redox-Rich Metallocene Tetrazene Complexes: Synthesis, Structure, Electrochemistry, and Catalysis.  
 In: Organometallics 38/6, S. 1361 - 1371. ([DOI](#)) ([Weblink](#))