

List of Publications: Dr. Gregor Kemper

2023

- Singh, A.; Kemper, G.; Weyhermueller, T.; Kaeffer, N.; Leitner, W. Activated Mn-MACHO Complexes Form Stable CO₂ Adducts. *Chemistry—A European Journal* 2023, e202303438.
- Jenthra, S.; Mondal, T.; Kemper, G.; Lantzius-Beninga, M.; Hölscher, M.; Leitner, W. Ligand-Controlled Palladium-Catalyzed Decarboxylative Heck Coupling for Regioselective Access to Branched Olefins. *ACS Catalysis* 2023, 13 (15), 10085-10093.
- Kemper, G.; Hölscher, M.; Leitner, W. Pd (II)-catalyzed carboxylation of aromatic C–H bonds with CO₂. *Science Advances* 2023, 9 (5), eadf2966.

2022

- Hölscher, M.; Kemper, G.; Jenthra, S.; Bolm, C.; Leitner, W. Factors governing the catalytic insertion of CO₂ into arenes—A DFT case study for Pd and Pt phosphine sulfonamido complexes. *Chemistry—A European Journal* 2022, 28 (23), e202104375.

2020

- Voit, G.; Leitner, W.; Okuda, J. *Die direkte katalytische Carboxylierung einfacher Arene mit CO₂: Detaillierte Analyse eines postulierten Katalysezyklus*; Lehrstuhl für Technische Chemie und Petrochemie (NN), 2020.
- Voit, G.; Jenthra, S.; Hölscher, M.; Weyhermüller, T.; Leitner, W. Reversible insertion of carbon dioxide at phosphine sulfonamido PdII–aryl complexes. *Organometallics* 2020, 39 (24), 4465-4473.

2014

- Wiedemann, T.; Voit, G.; Tchernook, A.; Roesle, P.; Göttker-Schnetmann, I.; Mecking, S. Monofunctional hyperbranched ethylene oligomers. *Journal of the American Chemical Society* 2014, 136 (5), 2078-2085.