Forschungszentren

Name:
Hintermann

Occurences:
· Einrichtungen > Forschungszentren > Zentralinstitut für Katalyseforschung (CRC) (Prof. Fischer) > Publikationen_Mitglieder > Molekulare Katalyse
Entries:

[1/30]: Bertogg, Andreas; Hintermann, Lukas; Huber, Dominique P.; Perseghini, Mauro; Sanna, Maria; Togni, Antonio, Substrate Range of the Titanium TADDOLate Catalyzed Asymmetric Fluorination of Activated Carbonyl Compounds, Helvetica Chimica Acta, 2012, 95, 353-403

[2/30]: Boeck, Florian; Blazejak, Max; Anneser, Markus R; Hintermann, Lukas, Cyclization of ortho-hydroxycinnamates to coumarins under mild conditions: A nucleophilic organocatalysis approach, Beilstein J. Org. Chem., 2012, 1630-1636

[3/30]: Boeck, Florian; Kribber, Thomas; Xiao, Li; Hintermann, Lukas, Mixed Phosphane \( \eta^5 \)-CpRuCl(PR\(_3\))\(_2\) Complexes as Ambifunctional Catalysts for Anti-Markovnikov Hydration of Terminal Alkynes, J. Am. Chem. Soc., 2011, 133, 21, 8138-8141


[5/30]: Bräuer, Alois; Beck, Philipp; Hintermann, Lukas; Groll, Michael, Struktur der Dioxygenase AsqJ: mechanistische Einblicke in die Eintopf-Mehrstufen-Biosynthese eines Chinolonantibiotikums, Angewandte Chemie, 2015, 128, 432-436

[6/30]: Chatterjee, Sourav; Hintermann, Lukas; Mandal, Madhumita; Achari, Anushree; Gupta, Sreya; Jaisankar, Parasuraman, Fiaud’s Acid: A Brønsted Acid Catalyst for Enantioselective Friedel–Crafts Alkylation of Indoles with 2-Alkene-1,4-diones, Organic Letters, 2017, 19, 13, 3426-3429

[7/30]: Dang, Tuan Thanh; Boeck, Florian; Hintermann, Lukas, Hidden Brønsted Acid Catalysis: Pathways of Accidental or Deliberate Generation of Triflic Acid from Metal Triflates, J. Org. Chem., 2011, 76, 22, 9353-9361

[8/30]: Helmbrecht, Sebastian L.; Schlüter, Johannes; Blazejak, Max; Hintermann, Lukas, Axially Chiral 1,1’-Binaphthyl-2-Carboxylic Acid (BINA-Cox) as Ligands for Titanium-Catalyzed Asymmetric Hydroalkoxylation, European Journal of Organic Chemistry, 2020, 2020, 14, 2062-2076


[10/30]: Hintermann, Lukas; Ackerstaff, Jens; Boeck, Florian, Inner Workings of a Cinchona Alkaloid Catalyzed Oxa-Michael Cyclization: Evidence for a Concerted Hydro-Bond-Network Mechanism, Chemistry - A European Journal, 2013, 19, 2311-2321


[12/30]: Hintermann, Lukas; Dang, Tuan Thanh; Labonne, Aurélie; Kribber, Thomas; Xiao, Li; Naumov, Pance, The AZARYPHOS Family of Ligands for Ambifunctional Catalysis: Syntheses and Use in Ruthenium-Catalyzed anti-Markovnikov Hydration of Terminal Alkynes, Chemistry - A European Journal, 2009, 15, 29, 7167-7179


[15/30]: Hintermann, Lukas; Perseghini, Mauro; Togni, Antonio, Development of the titanium–TADDOLate-catalyzed asymmetric fluorination of \( \beta \)-ketoesters, Beilstein J. Org. Chem., 2011, 1421-1435

[16/30]: Hintermann, Lukas; Schmitz, Marco; Chen, Yun, A Direct Synthesis of Symmetrical (E,E)-1,4-Diaryl-1,3-butadienes by Wenkert Arylation of Thiophene, Advanced Synthesis & Catalysis, 2010, 352, 14-15, 2411-2415

[17/30]: Hintermann, Lukas; Schmitz, Marco; Maltsev, Oleg; Naumov, Pance, Organo-catalytic Stereosomeration versus Alkene Isomerization: Catalytic Asymmetric Synthesis of 1-Hydroxy-trans,2,5-diphenylphospholane 1-Oxide, Synthesis, 2013, 45, 03, 308-325

[18/30]: Hintermann, Lukas; Wiedemann, Michael; Altmann, Philipp, Mannich N-Indolylmethylation of Amino Acids, Synthesis, 2017, 49, 10, 2257-2265

[20/30]: Hintermann, Lukas; Xiao, Li; Labonne, Aurellie; Englert, Ulli, [CpRu(η 6 -naphthalene)]PF 6 as Precursor in Complex Synthesis and Catalysis with the Cyclopentadienyl-Ruthenium(II) Cation, Organometallics, 2009, 28, 19, 5739-5748

[21/30]: Klein, Philippe; Lechner, Vivien Denise; Schimmel, Tanja; Hintermann, Lukas, Generation of Organozinc Reagents by Nickel Diazadiene Complex Catalyzed Zinc Insertion into Aryl Sulfonates, Chemistry – A European Journal, 2019

[22/30]: Koller, Sebastian; Gatzka, Julia; Wong, Kit Ming; Altmann, Philipp J.; Pöthig, Alexander; Hintermann, Lukas, Stereochemistry of the Menthyl Grignard Reagent: Generation, Composition, Dynamics, and Reactions with Electrophiles, The Journal of Organic Chemistry, 2018, 83, 24, 15009-15028

[23/30]: Maltsev, Oleg V.; Pöthig, Alexander; Hintermann, Lukas, Synthesis of Soai Aldehydes for Asymmetric Autocatalysis by Desulffurative Cross-Coupling, Organic Letters, 2014, 16, 1282-1285


[25/30]: Schlüter, Johannes; Blazejak, Max; Boeck, Florian; Hintermann, Lukas, Asymmetric Hydroalkoxylation of Non-Activated Alkenes: Titanium-Catalyzed Cycloisomerization of Allylphenols at High Temperatures, Angewandte Chemie, 2015, 127, 13, 4086-4089

[26/30]: Schlüter, Johannes; Blazejak, Max; Hintermann, Lukas, Aluminum-Catalyzed Hydroalkoxylation at Elevated Temperatures: Fast and Simple Access to Coumarans and Other Oxygen Heterocycles, ChemCatChem, 2013, 11, 3309-3315


[28/30]: Schreyer, Matthias; Milzarek, Tobias M.; Wegmann, Marcus; Brunner, Andreas; Hintermann, Lukas, Discovery and Comparison of Homogeneous Catalysts in a Standardized HOTCAT Screen with Microwave Heating and qNMR Analysis: Exploring Catalytic Hydration of Alkynes, ChemCatChem, 2019

[29/30]: Wu, Haotian; Hintermann, Lukas, Transfer Hydrogenations of Alkenes with Formate on Pd/C: Synthesis of Dihydrocinchona Alkaloids, Synthesis, 2013, 45, 07, 888-892

[30/30]: Xiao, Li; Pöthig, Alexander; Hintermann, Lukas, 2-Amino-1,3,5-triazine chemistry: hydrogen-bond networks, Takemoto thiourea catalyst analogs, and olfactory mapping of a sweet-smelling triazine, Monatshefte für Chemie - Chemical Monthly, 2015, 146, 1529-1539