

## Prof. Dr. Herbert Mayr

### L. Complete List of Publications (last update: März 2012)

- [320] **Isothiourea-Mediated Asymmetric O- to C-Carboxyl Transfer of Oxazolyl Carbonates: Structure-Selectivity Profiles and Mechanistic Studies**  
C. Joannesse, C. P. Johnston, L. C. Morrill, P. A. Woods, M. Kieffer, T. A. Nigst, H. Mayr, T. Lebl, D. Philp, R. A. Bragg, A. D. Smith, *Chem. Eur. J.* **2012**, *18*, 2398-2408.
- [319] **N-Heterocyclic Carbene Boranes are Good Hydride Donors**  
M. Horn, H. Mayr, E. Lacote, E. Merling, J. Deaner, S. Wells, T. McFadden, D. P. Curran, *Org. Lett.* **2012**, *14*, 82-85.
- [318] **Nucleophilicity parameters for designing transition metal-free C-C bond forming reactions of organoboron compounds.**  
G. Berionni, B. Maji, P. Knochel, H. Mayr, *Chem. Sci.* **2012**, *3*, 878-882.
- [317] **Ambident Reactivities of Methylhydrazines.**  
T. A. Nigst, J. Ammer, H. Mayr, *Angew. Chem.* **2012**, *124*, 1381-1385; *Angew. Chem. Int. Ed.* **2012**, *51*, 1353-1356.
- [316] **Nucleophilic Reactivities of the Anions of Nucleobases and Their Subunits.**  
M. Breugst, F. Corral Bautista, H. Mayr, *Chem. Eur. J.* **2012**, *18*, 127-137.
- [315] **Electrophilicities of trans- $\beta$ -Nitrostyrenes.**  
I. Zenz, H. Mayr, *J. Org. Chem.* **2011**, *76*, 9370-9378.
- [314] **Electrophilicities of Symmetrically Substituted 1,3-Diaryllallyl Cations.**  
K. Troshin, C. Schindele, H. Mayr, *J. Org. Chem.* **2011**, *76*, 9391-9408.
- [313] **Characterization of the nucleophilic reactivities of thiocarboxylate, dithiocarbonate and dithiocarbamate anions.**  
X.-H. Duan, B. Maji, H. Mayr, *Org. Biomol. Chem.* **2011**, *9*, 8046-8050.
- [312] **Electrofugalities of Acceptor-Substituted Tritylium Ions.**  
M. Horn, C. Metz, H. Mayr, *Eur. J. Org. Chem.* **2011**, 6476-6485.
- [311] **Electrophilicities of Acceptor-Substituted Tritylium Ions.**  
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- [310] **Laserblitzphotolytische Erzeugung  $\alpha,\beta$ -ungesättigter Iminium-Ionen // Generation of  $\alpha,\beta$ -Unsaturated Iminium Ions by Laser-Flash Photolysis**  
S. Lakhdar, J. Ammer, H. Mayr, *Angew. Chem.* **2011**, *123*, 10127-10130; *Angew. Chem. Int. Ed.* **2011**, *50*, 9953-9956.
- [309] **Nucleophilicities and Lewis Basicities of Isothiourea Derivatives**  
B. Maji, C. Joannesse, T. A. Nigst, A. D. Smith, H. Mayr, *J. Org. Chem.* **2011**, *76*, 5104-5112.
- [309] **Nucleophilicities and Lewis Basicities of Isothiourea Derivatives**  
B. Maji, C. Joannesse, T. A. Nigst, A. D. Smith, H. Mayr, *J. Org. Chem.* **2011**, *76*, 5104-5112.
- [308] **N-Heterocyclische Carbene: Organokatalysatoren mit mäßiger Nucleophilie, aber außerordentlich hoher Lewis-Basizität // N-Heterocyclic Carbenes: Organocatalysts with Moderate Nucleophilicity but Extraordinarily High Lewis Basicity**  
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- [307] **Quantification of the Electrophilic Reactivities of Aldehydes, Imines, and Enones**  
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- [306] **The First Picoseconds in the Life of Benzhydryl Cations: Ultrafast Generation and Chemical Reactions**  
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