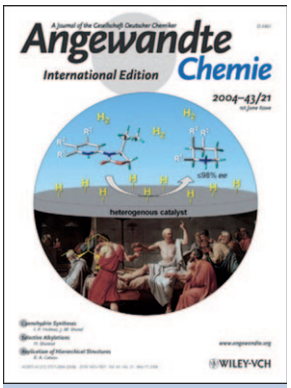
F. Glorius

*The author presented on this page has recently published his **10th article** since 2000 in Angewandte Chemie:* "Palladium-Catalyzed Amidation of Unactivated sp^3 C-H Bonds: from Anilines to Indolines": J. J. Neumann, S. Rakshit, T. Dröge, F. Glorius, *Angew. Chem.* **2009**, 121, 7024 – 7027; *Angew. Chem. Int. Ed.* **2009**, *48*, 6892 – 6895.



F. Glorius has been featured on the cover of Angewandte Chemie: "Efficient Asymmetric Hydrogenation of Pyridines": F. Glorius, N. Spielkamp, S. Holle, R. Goddard, C. W. Lehmann, *Angew. Chem.* **2004**, *116*, 2910 – 2912; *Angew. Chem. Int. Ed.* **2004**, *43*, 2850 – 2852.

Frank Glorius

Date of birth:	1972
Position:	Full Professor, Organic Chemistry, Westfälische Wilhelms-Universität Münster (Germany)
Education:	1992–1997 Chemistry Diploma, Universität Hannover (Germany) 1995–1996 Research with Prof. Paul A. Wender, Stanford University (USA) 1997–2000 PhD with Prof. Andreas Pfaltz, first at the Max-Planck-Institut (MPI) für Kohlenforschung (Germany) and finally at the Universität Basel, Basel (Switzerland) 2000–2001 Postdoctoral Fellow with Prof. David A. Evans, Harvard University (USA)
Professional associations:	2001–2004 Independent research (mentor Prof. Alois Fürstner) at the MPI für Kohlenforschung, Mülheim/Ruhr (Germany) 2004 Associate Professor, Philipps-Universität, Marburg (Germany) 2007 Full Professor, Westfälische Wilhelms-Universität Münster (Germany)
Awards:	**2001** Liebig Fellowship of the Fonds der Chemischen Industrie (FCI), **2004** ORCHEM Award and Lilly Lecture Award, **2005** BASF Catalysis Award and Dozentenstipendium of the FCI, **2006** Alfried Krupp Prize for Young University Teachers
Current research interests:	Our research spans a wide range of different hot topics in catalysis. These include the design of sterically demanding N-heterocyclic carbenes (NHCs) and functional metal-organic frameworks (MOFs), challenging cross-coupling and C–H activation reactions, (asymmetric) organocatalysis, and the efficient formation of important heterocylic products. We strive to develop innovative new concepts in catalysis to facilitate the synthesis of important organic molecules and to make their production more environmentally benign
Hobbies:	Spending time with my family, running, chess

In a nutshell, my research involves … the development of innovative and powerful catalytic methods for the improvement of organic synthesis.

If I wasn't a scientist, I would be … unhappy.

When I wake up I … can't believe it's that time already.

If I could be anyone for a day, I would be … Leonardo da Vinci, in order to see the world through the eyes of this genius, who combined art and science in a unique and spectacular way.

My biggest inspiration is … the interaction with excited students.

In my spare time I … belong to my kids.

In ten years time I will be … amazed about the progress (organic) chemistry will have made!

I would have liked to have discovered … the structure of DNA, because being the first to understand the simplicity and beauty of it must have been overwhelming.

The part of my job which I enjoy the most is … being creative.

A good work day begins with … passion!

My favorite food is … unfortunately not available at University/Mensa.

My favorite piece of music is … *Freude schöner Götterfunken* (Ode to joy), a great song to sing under the shower and at the same time, a perfect anthem for mankind. Amazingly, I sang it for the first time in Sanders Theatre in Cambridge, directed by Benjamin Zander of the Boston Philharmonic Orchestra.

My 5 top papers:

1. "IBiox[(–)-menthyl]: A Sterically Demanding Chiral NHC ligand": S. Würtz, C. Lohre, R. Fröhlich, K. Bergander, F. Glorius, *J. Am. Chem. Soc.* **2009**, *131*, 8344 – 8345.
2. "N-Heterocyclic Carbene-Catalyzed Hydroacylation of Unactivated Double Bonds": K. Hirano, A. T. Biju, I. Piel, F. Glorius, *J. Am. Chem. Soc.* **2009**, *131*, 14190 – 14191.
3. "Palladium-Catalyzed Intramolecular Direct Arylation of Benzoic Acids by Tandem Decarboxylation/C–H Activation": C. Wang, I. Piel, F. Glorius, *J. Am. Chem. Soc.* **2009**, *131*, 4194 – 4195.
4. "Palladium-Catalyzed Oxidative Cyclization of N-Aryl Enamines: From Anilines to Indoles": S. Würtz, S. Rakshit, J. J. Neumann, T. Dröge, F. Glorius, *Angew. Chem.* **2008**, *120*, 7340 – 7343; *Angew. Chem. Int. Ed.* **2008**, *47*, 7230 – 7233.
5. "Asymmetric Heterogeneous Catalysis": M. Heitbaum, F. Glorius, I. Escher, *Angew. Chem.* **2006**, *118*, 4850 – 4881; *Angew. Chem. Int. Ed.* **2006**, *45*, 4732 – 4762.

DOI: 10.1002/anie.200905299