



N. Krause

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: “Enantioselective One Pot Organocatalytic Michael Addition/Gold-Catalyzed Tandem Acetalization/Cyclization”: S. Belot, K. A. Vogt, C. Besnard, N. Krause, A. Alexakis, *Angew. Chem.* **2009**, 121, 9085–9088; *Angew. Chem. Int. Ed.* **2009**, 48, 8923–8926; *Angew. Chem. Int. Ed.* **2009**, 48, 6339–6342.

Norbert Krause

Date of birth:	September 30 th , 1959
Position:	Full Professor of Organic Chemistry, Dortmund University of Technology (Germany)
Education:	1979–1984 Chemistry, TU Braunschweig (Germany) 1984–1986 PhD with Prof. Dr. H. Hopf, TU Braunschweig 1986–1987 Postdoc with Prof. Dr. D. Seebach, ETH Zürich (Switzerland) 1987–1988 Postdoc with Prof. Dr. M. Saunders, Yale University (USA) 1989–1994 Habilitation in Organic Chemistry, TH Darmstadt (Germany) 1994–1998 Associate Professor, University of Bonn (Germany) 1998–Present Dortmund University of Technology
Awards:	1991 Heinz Maier-Leibnitz Award, 1992 ADUC Award, 1994 Heisenberg Scholarship, 2003 and 2009 JSPS Fellowship
Current research interests:	Coinage-metal (copper, silver, gold) catalysis, stereoselective synthesis and transformations of functionalized allenes, catalytic tandem/one-pot reactions, sustainable systems, natural product synthesis, elucidation of reaction mechanisms

The best advice I have ever been given is ... honesty is the best policy.

The worst advice I have ever been given was ... to give up my academic career.

When I was eighteen I wanted to be ... a research chemist in industry.

The biggest challenge facing scientists is ... too much information and way too much bureaucracy.

The three things I would take to a desert island would be ... a cordless screwdriver, an iPod, and my motorbike.

My first experiment was ... blowing up sodium in water, which showed my ineptitude for inorganic chemistry.

My biggest motivation is ... working with young people and watching them develop, both as a person and a scientist.

In my spare time I ... enjoy riding my motorbike.

In ten years time I will be ... 60 years old and hopefully a grandfather.

I would have liked to have discovered the ... Katsuki–Sharpless epoxidation.

The part of my job which I enjoy the most is ... meeting colleagues all over the world, many of whom are good friends.

A good work day begins with ... smiling faces of my co-workers and no E-mails.

My favorite food is ... Ossobuco alla milanese.

My 5 top papers:

1. “Synthesis of Allenes by 1,6-Addition of Organocuprates to Polarized Enynes”: N. Krause, *Chem. Ber.* **1990**, 123, 2173–2180.
2. “Recent Advances in Catalytic Enantioselective Michael Additions”: N. Krause, A. Hoffmann-Röder, *Synthesis* **2001**, 171–196. (The world’s most cited chemistry paper in November 2002).
3. “The Golden Gate to Catalysis”: A. Hoffmann-Röder, N. Krause, *Org. Biomol. Chem.* **2005**, 3, 387–391.
4. “Small but Effective: Copper Hydride-Catalyzed Synthesis of α -Hydroxyallenes”: C. Deutsch, B. H. Lipshutz, N. Krause, *Angew. Chem.* **2007**, 119, 1677–1681; *Angew. Chem. Int. Ed.* **2007**, 46, 1650–1653.
5. “Structural Diversity through Gold Catalysis: Stereoselective Synthesis of *N*-Hydroxypyrrolines, Dihydroisoxazoles, and Dihydro-1,2-oxazines”: C. Winter, N. Krause, *Angew. Chem.* **2009**, 121, 6457–6460; *Angew. Chem. Int. Ed.* **2009**, 48, 6339–6342.

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