C. Limberg

*The author presented on this page has recently published his **10th article** since 2000 in Angewandte Chemie:* "O–O Bond Activation in Heterobimetallic Peroxides: Synthesis of the Peroxide $[LNi(\mu,\eta^2{:}\eta^2{-}O_2)K]$ and its Conversion into a Bis(μ-Hydroxo) Nickel Zinc Complex": S. Yao, Y. Xiong, M. Vogt, H. Grützmacher, C. Herwig, C. Limberg, M. Driess, *Angew. Chem.* **2009**, *121*, 8251 – 8254; *Angew. Chem. Int. Ed.* **2009**, *48*, 8107 – 8110.

Christian Limberg

Date of birth:	May 12th, 1965
Position:	Professor of Inorganic Chemistry, Humboldt-Universität zu Berlin, Berlin (Germany)
Education:	1985–1990 Chemistry studies, Ruhr-Universität, Bochum (Germany) 1992 PhD with A. Haas, "Synthesis and Reactions of $Te{=}CF_2$ and Its Cyclic Dimer", Bochum 1993–1994 Postdoc with A. J. Downs, University of Oxford (UK) 1995–1999 Habilitation in Inorganic Chemistry with G. Huttner, Ruprecht-Karls-Universität, Heidelberg (Germany) 2000–2001 Heisenberg Fellow in Heidelberg
Professional associations:	2001–2002 Head of the Chair of Inorganic Chemistry on behalf of W. A. Herrmann, TU Munich (Germany) 2003–Present Full Professor at the Humboldt-Universität zu Berlin
Awards:	**1995** Liebig Fellowship of the Fonds der Chemischen Industrie, **1999** Annual award for "Habilitanden" of the Consortium of German University Professors for Chemistry (ADUC), **2001** Academy Award of the Göttingen Academy of Sciences and Karl Winnacker Scholarship of the "Aventis Foundation", **2002** Carl Duisberg Memorial Award of the German Chemical Society, **2009** Horst-Dietrich Hardt award of the Saarland University
Current research interests:	Oxo–metal complexes: Oxidation reactions and their mechanisms (surfaces of oxo–metal catalysts as inspiration for molecular models; biomimetic O_2 activation and oxidation); The activation of small molecules utilizing dinuclear complexes; Catalysis
Hobbies:	Music, hiking, and running

The secret of being a successful scientist is … pertinacity, high frustration tolerance, and ingenuousness.

If I could be anyone for a day, I would be … Leonardo da Vinci.

If I could have dinner with three famous scientists from history, they would be … Alexander von Humboldt, Charles Darwin, and Isaac Newton.

My favorite subject at school was … Latin, although, unfortunately, one hardly perceives that today.

When I wake up I … am very elliptical and start with coffee and reading duties/pleasures.

The most significant scientific advance of the last 100 years has been … from a very egoistical point of view, the development of organometallic chemistry. But, of course, numerous others may be mentioned.

My first experiment was … growing large crystals of all types of salts; trying that with sugar represented the first challenge.

In my spare time I … try to make use of what Berlin has on offer.

If I could go back in time and do any experiment, it would be … the one that led to the discovery of ethylene polymerization by Karl Ziegler.

A good work day begins with … a lot of degrees of freedom and the prospect of doing an exciting experiment within the group.

My favorite composer is … Johann Sebastian Bach.

My 5 top papers:

1. "A Dinuclear Nickel(I) Dinitrogen Complex and its Reduction in Single-Electron Steps": S. Pfirrmann, C. Limberg, C. Herwig, R. Stößer, B. Ziemer, *Angew. Chem.* **2009**, *121*, 3407 – 3411; *Angew. Chem. Int. Ed.* **2009**, *48*, 3357 – 3361.
2. "A Trispyrazolylborato Iron Malonato Complex as a Functional Model for the Acetylacetone Dioxygenase": I. Siewert, C. Limberg, *Angew. Chem.* **2008**, *120*, 8071 – 8074; *Angew. Chem. Int. Ed.* **2008**, *47*, 7953 – 7956.
3. "Oxovanadium(V) Tetrathiacalix[4]arene Complexes and Their Activity as Oxidation Catalysts": E. Hoppe, C. Limberg, *Chem. Eur. J.* **2007**, *13*, 7006 – 7016.
4. "Intramolecular C–H Activation in Complexes with Mo–Bi Metal Bonds": S. Roggan, C. Limberg, B. Ziemer, M. Brandt, *Angew. Chem.* **2004**, *116*, 2906 – 2910; *Angew. Chem. Int. Ed.* **2004**, *43*, 2846 – 2849.
5. "Matrix Isolation and Characterization of a Reactive Intermediate in Olefin Oxidation with Chromyl Chloride": C. Limberg, R. Köppe, H. Schnöckel; *Angew. Chem.* **1998**, *110*, 512 – 515; *Angew. Chem. Int. Ed.* **1998**, *37*, 494 – 499.

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