



L. Ackermann

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*:

“Transition-Metal-Catalyzed Direct Arylations of (Hetero)Arenes by C–H Bond Cleavage”: L. Ackermann, R. Vicente, A. Kapdi, *Angew. Chem.* **2009**, *121*, 9976–10011; *Angew. Chem. Int. Ed.* **2009**, *48*, 9792–9826.

Lutz Ackermann

Date of birth:	December 18, 1972
Position:	Full Professor of Organic Chemistry, Georg-August-Universität, Göttingen (Germany)
Education:	1993–1998 Chemistry Diploma, Christian-Albrechts-Universität zu Kiel (Germany) 1998–2001 PhD with Alois Fürstner, Max-Planck-Institut für Kohlenforschung, Mülheim/Ruhr (Germany) 2001–2003 Postdoc with Robert G. Bergman, UC Berkeley (USA)
Awards:	2003 Emmy Noether-Programm (DFG), 2004 Thieme Journal Award, 2006 ORCHEM Award and Award of the Dr. Otto-Röhm-Gedächtnisstiftung, 2007 “Dozentenstipendium” (FCI) and ADUC Award, 2008 Goering Visiting Professor at the University of Wisconsin at Madison (USA), 2009 Japan Society for the Promotion of Science Fellowship (JSPS)
Current research interests:	C–H bond functionalizations, ecologically benign and economically attractive syntheses of organic compounds with activities of relevance to inter alia biology, transition-metal catalysis, ligand design, atom-economical addition reactions, catalytic couplings of unactivated chloro- or fluoroarenes
Hobbies:	Reading and sports

The secret of being a successful scientist is ... curiosity and dedication.

A good work day begins with ... exciting new experimental results.

My favorite subject at school was ... maths.

When I wake up I ... drink a cup of coffee and go for a run.

The biggest challenge facing scientists is ... likely sustainable energy supply.

If I could have dinner with three famous scientists from history, they would be ... Isaac Newton, Linus Pauling, and Friedrich Wöhler.

My biggest inspiration is ... nature.

My biggest motivation is ... the transience of human life.

The part of my job which I enjoy the most is ... interacting with talented co-workers.

My favorite food is ... Thai food.

My favorite author (fiction) is ... Haruki Murakami.

My favorite musician, band, and composer are ... Loreena McKennitt, Albrecht Mayer, and Johann Sebastian Bach.

The biggest challenge facing chemists is ... to persuade the public how important basic research is to our society.

My 5 top papers:

1. “Ruthenium-Catalyzed Regioselective Direct Alkylation of Arenes with Unactivated Alkyl Halides through C–H Bond Cleavage”: L. Ackermann, P. Novák, R. Vicente, N. Hofmann, *Angew. Chem.* **2009**, *121*, 6161–6164; *Angew. Chem. Int. Ed.* **2009**, *48*, 6045–6048.
2. “Palladium-Catalyzed Direct Arylations of Heteroarenes with Tosylates and Mesylates”: L. Ackermann, A. Althammer, S. Fenner, *Angew. Chem.* **2009**, *121*, 207–210; *Angew. Chem. Int. Ed.* **2009**, *48*, 201–204.
3. “Copper-Catalyzed ‘Click’ Reaction/Direct Arylation Sequence: Modular Syntheses of 1,2,3-Triazoles”: L. Ackermann, H. K. Potukuchi, D. Landsberg, R. Vicente, *Org. Lett.* **2008**, *10*, 3081–3084.
4. “Catalytic Arylation Reactions by C–H Bond Activation with Aryl Tosylates”: L. Ackermann, A. Althammer, R. Born, *Angew. Chem.* **2006**, *118*, 2681–2685; *Angew. Chem. Int. Ed.* **2006**, *45*, 2619–2622.
5. “Modular Diamino and Dioxophosphine Oxides and Chlorides as Ligands for Transition-Metal-Catalyzed C–C and C–N Couplings with Aryl Chlorides”: L. Ackermann, R. Born, *Angew. Chem.* **2005**, *117*, 2497–2500; *Angew. Chem. Int. Ed.* **2005**, *44*, 2444–2447.

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