



B. König

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

“Metal–Bis(2-picolyl)-amine Complexes as State 1(T) Inhibitors of Activated Ras Protein”: I. C. Rosnizeck, M. Spoerner, T. Harsch, S. Kreitner, D. Filchtinski, C. Herrmann, D. Engel, B. König, H. R. Kalbitzer, *Angew. Chem.* **2012**, *124*, 10799–10804; *Angew. Chem. Int. Ed.* **2012**, *51*, 10647–10651.

Burkhard König

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Education:	1983–1988 Degree in chemistry, University of Hamburg 1991 PhD with Armin de Meijere, University of Hamburg 1991 Postdoc with Martin Bennett, The Australian National University 1992–1993 Postdoc with Barry M. Trost, Stanford University
Awards:	2007 FCI Literature Prize; 2011 UNESCO Education for Sustainable Development Award
Research:	Physical-organic chemistry, molecular recognition, chemical photocatalysis

My favorite food is ... Indian or Thai.

I like refereeing because ... sometimes the manuscripts are surprisingly good.

The most exciting thing about my research is ... when projects develop differently than originally planned—and often much better.

The best advice I have ever been given is ... don't take all referee comments too seriously.

I can never resist ... good red wine and dark chocolate.

The downside of my job is ... there is no downside.

The most amusing chemistry adventure in my career was ... meeting my wife as a postdoc in California.

The biggest problem that scientists face is ... explaining their results clearly and convincingly to the public.

What I look for first in a publication is ... the new idea.

My favorite piece of research is ... Giacomo Ciamician's paper “The Photochemistry of the Future” (*Science* **1912**, *36*, 385–394).

I chose chemistry as a career because ... it's not all theory and you do a lot of hands-on experimental work in the lab, at least at the beginning of your career.

My not-so-secret passion is ... traveling to exotic destinations.

If I were not a scientist, I would be ... an entrepreneur running a company manufacturing and selling bird nesting boxes.

My 5 top papers:

1. “Metal-Free, Visible-Light-Mediated Direct C–H Arylation of Heteroarenes with Aryl Diazonium Salts”: D. P. Hari, P. Schroll, B. König, *J. Am. Chem. Soc.* **2012**, *134*, 2958–2961. (This paper initiated, to our delight, several follow-up papers.)
2. “Dynamic Interface Imprinting: High-Affinity Peptide Binding Sites Assembled by Analyte-Induced Recruiting of Membrane Receptors”: B. Gruber, S. Balk, S. Stadlbauer, B. König, *Angew. Chem.* **2012**, *124*, 10207–10210; *Angew. Chem. Int. Ed.* **2012**, *51*, 10060–10063. (A new concept for multipoint molecular recognition at interfaces.)
3. “Visible-Light-Promoted Stereoselective Alkylation by Combining Heterogeneous Photocatalysis with Organocatalysis”: M. Cherevatskaya, M. Neumann, S. Földner, C. Harlander, S. Kümmel, S. Dankesreiter, A. Pfitzner, K. Zeitler, B. König, *Angew. Chem.* **2012**, *124*, 4138–4142; *Angew. Chem. Int. Ed.* **2012**, *51*, 4062–4066. (Finally, a collaboration between organic and inorganic chemistry that really worked out well.)
4. “Vesicles and Micelles from Amphiphilic Zinc(II)-Cyclen Complexes as Highly Potent Promoters of Hydrolytic DNA Cleavage”: B. Gruber, E. Kataev, J. Aschenbrenner, S. Stadlbauer, B. König, *J. Am. Chem. Soc.* **2011**, *133*, 20704–20707. (We are still trying to understand the origin of the catalytic activity.)
5. “Low-melting sugar–urea–salt mixtures as solvents for Diels–Alder reactions”: G. Imperato, E. Eibler, J. Niedermaier, B. König, *Chem. Commun.* **2005**, 1170–1172. (Chemistry in molten sugar is great fun—try it.)

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