



A. Brik

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently: N. Haj-Yahya, M. Haj-Yahya, C. A. Castañeda, L. Spasser, H. P. Hemantha, M. Jbara, M. Penner, A. Ciechanover, D. Fushman, A. Brik, *Angew. Chem.* **2013**, 10.1002/ange.201306118; *Angew. Chem. Int. Ed.* **2013**, DOI: 10.1002/anie.201306118.

Ashraf Brik

Date of birth:	June 29, 1973
Position:	Full Professor, Ben-Gurion University of the Negev
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Education:	1993–1996 BSc, Ben-Gurion University of the Negev 1996–1998 MSc, Technion–Israel Institute of Technology 1998–2001 PhD jointly supervised by Professor Ehud Keinan at the Technion–Israel Institute of Technology, and Professor Philip E. Dawson at The Scripps Research Institute, La Jolla 2002–2006 Postdoctoral and Senior Research Associate with Professor Chi-Huey Wong, The Scripps Research Institute, La Jolla
Awards:	2011 Israel Chemical Society Prize to Outstanding Young Chemist; 2013 Teva Award for Excellence in Memory of Eli Hurvitz; Tetrahedron Young Investigator Award in Bioorganic and Medicinal Chemistry
Current research interests:	Protein and peptide synthesis, ubiquitination and deubiquitination, posttranslationally modified proteins, enzyme inhibitors
Hobbies:	Hiking, cooking, music, reading

The worst advice I have ever been given was ... not to study chemistry.

My favorite song is ... any song by Fairuz.

My greatest achievement has been ... doing what I really like—research in chemistry.

My worst nightmare is ... to work with unmotivated people.

I lose track of time when ... I am hiking in nature or in the company of nice/wise/fun people.

The best advice I have ever been given is ... to be excellent in what you are doing and worry later about the rest.

I celebrate success by ... sharing it with my family and good friends.

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

My favorite food is ... Mediterranean (authentic!).

If I won the lottery, I would ... create a fund for excellent high-school students who are in need of support for higher education.

The most important thing I learned from my parents is ... to be sincere, help others, and excel in whatever you do.

My 5 top papers:

1. “Highly Efficient and Chemoselective Peptide Ubiquitylation”: K. S. Ajish Kumar, M. Haj-Yahya, D. Olschewski, H. A. Lashuel, A. Brik, *Angew. Chem.* **2009**, 121, 8234–8238; *Angew. Chem. Int. Ed.* **2009**, 48, 8090–8094. (Overcoming the limitations of the enzymatic methods for preparing ubiquitin conjugates.)
2. “Total Chemical Synthesis of Di-ubiquitin Chains”: K. S. Ajish Kumar, L. Spasser, L. A. Erlich, S. N. Bavikar, A. Brik, *Angew. Chem.* **2010**, 122, 9312–9317; *Angew. Chem. Int. Ed.* **2010**, 49, 9126–9131. (This synthesis enables a variety of structural and functional analyses of ubiquitin chains.)
3. “Total Chemical Synthesis of a 304 Amino Acid K48-Linked Tetraubiquitin Protein”: K. S. Ajish Kumar, S. N. Bavikar, L. Spasser, T. Moyal, A. Ohayon, A. Brik, *Angew. Chem.* **2011**, 123, 6261–6265; *Angew. Chem. Int. Ed.* **2011**, 50, 6137–6141. (The longest chemically synthesized protein.)
4. “Targeting Deubiquitinases Enabled by Chemical Synthesis of Proteins”: S. Ohayon, L. Spasser, A. Aharoni, A. Brik, *J. Am. Chem. Soc.* **2012**, 134, 3281–3289. (A high-throughput assay for screening libraries of small molecules against different deubiquitinases.)
5. “Synthetic polyubiquitinated α -Synuclein reveals novel insights into the roles of ubiquitin chain in regulating its pathophysiology”: M. Haj-Yahya, B. Fauvet, Y. Herman-Bachinsky, M. Hejjiaoui, S. N. Bavikar, S. V. Karthikeyan, A. Ciechanover, H. A. Lashuel, A. Brik, *Proc. Natl. Acad. Sci. USA* **2013**, DOI: 10.1073/pnas.1315654110. (The first reported non-enzymatic synthesis of polyubiquitinated protein.)

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