



A. M. Z. Slawin

Alexandra M. Z. Slawin

Date of birth:	1961
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Education:	1983 BSc, Imperial College London 1997 PhD with C. J. Moody, Loughborough University 1986–1994 Postdoctoral positions with D. J. Williams, Imperial College London
Awards:	2011 Fellow of the Royal Society of Edinburgh
Research:	X-ray crystallography
Hobbies:	Gardening, needlework, boxmaking

My motto is ... keep on trying.

My favorite time of day is ... the half-hour after I wake up, but before I get up.

In a spare hour, I ... would get out all my fabric to plan a project, stroke it all, then tidy it all away.

My favorite way to spend a holiday is ... having a good breakfast cooked by someone else.

The secret of being a successful scientist is ... hard work.

In the future I see myself ... being incredibly old, but still enjoying life.

The principal aspect of my personality is ... obsession.

My favorite science author is ... Isaac Asimov, showing my age I know, and yes, as well as fiction he wrote science fact.

What I appreciate most about my friends is ... the fact I actually have some.

My favorite band is ... a toss-up between Abba and Green Day.

My favorite book is ... “Three Men in a boat” by Jerome K. Jerome.

The natural talent I would like to be gifted with ... is the ability to sing.

I am waiting for the day when someone will discover ... the answer to Life, the Universe, and Everything to quote Douglas Adams.

If I were a car I would be ... a red one.

My 5 top papers:

1. “Automated Chemical Crystallography”: A. L. Fuller, L. A. S. Scott-Hayward, Y. Li, M. Bühl, A. M. Z. Slawin, J. D. Woollins, *J. Am. Chem. Soc.* **2010**, *132*, 5799–5802. (We developed a new diffractometer that is able to solve structures without any intervention.)
2. “Metal–Organic Frameworks from Edible Natural Products”: R. A. Smaldone, R. S. Forgan, H. Furukawa, J. J. Gassensmith, A. M. Z. Slawin, O. M. Yaghi, J. F. Stoddart, *Angew. Chem.* **2010**, *122*, 8812–8816; *Angew. Chem. Int. Ed.* **2010**, *49*, 8630–8634. (An exciting result that opens up many possibilities.)
3. “Nanoporous Carbohydrate Metal–Organic Frameworks”: R. S. Forgan, R. A. Smaldone, J. J. Gassensmith, H. Furukawa, D. B. Cordes, Q. W. Li, C. E. Wilmer, Y. Y. Botros, R. Q. Snurr, A. M. Z. Slawin, J. F. Stoddart, *J. Am. Chem. Soc.* **2012**, *134*, 406–417. (These were really tricky compounds to mount, collect, and solve.)
4. “The Preparation of Salts of $[\text{Pd}_2(\mu\text{-Se}_2\text{N}_2)\text{Cl}_6]^{2-}$, the First Adducts of Diselenium Dinitride”: P. Kelly, A. M. Z. Slawin, *Angew. Chem.* **1995**, *107*, 1903–1905; *Angew. Chem. Int. Ed. Engl.* **1995**, *34*, 1758–1759. (Unusual, exciting molecules that were technically very challenging in terms of both synthesis and characterization.)
5. “The Synthesis of $\eta\text{-1,2,3,4,5,6-Hexafluorocyclohexane}$ (Benzene Hexafluoride) from Benzene”: A. J. Durie, A. M. Z. Slawin, T. Lebl, D. O’Hagan, *Angew. Chem.* **2012**, *124*, 10233–10235; *Angew. Chem. Int. Ed.* **2012**, *51*, 10086–10088. (Just a neat piece of science!)

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The author presented on this page has recently published her **30th article** since 2000 in *Angewandte Chemie*:

“Weak Te,Te Interactions through the Looking Glass of NMR Spin–Spin Coupling”: M. Bühl, F. R. Knight, A. Křístková, I. Malkin Ondík, O. L. Malkina, R. A. M. Randall, A. M. Z. Slawin, J. D. Woollins, *Angew. Chem.* **2013**, *125*, 2555–2558; *Angew. Chem. Int. Ed.* **2013**, *52*, 2495–2498.



The work of A. M. Z. Slawin has been featured on the cover of *Angewandte Chemie*:

“Patterning through Controlled Submolecular Motion: Rotaxane-Based Switches and Logic Gates that Function in Solution and Polymer Films”: D. A. Leigh et al., *Angew. Chem.* **2005**, *117*, 3122–3127; *Angew. Chem. Int. Ed.* **2005**, *44*, 3062–3067.