



J. S. Siegel

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: "Synthesis and Crystal Structure of a Silyl-Stabilized Allyl Cation Formed by Disruption of an Arene by a Protonation-Hydrosilylation Sequence": S. Duttwyler, Y. Zhang, A. Linden, C. A. Reed, K. K. Baldridge, J. S. Siegel, *Angew. Chem.* **2009**, 121, 3845–3848; *Angew. Chem. Int. Ed.* **2009**, 48, 3787–3790.

Jay S. Siegel

Year of birth:	1959
Nationality:	American
Position:	Professor of Chemistry, University of Zurich (Switzerland)
Education:	1977–80 California State University, Northridge (USA) 1980–85 MA and PhD with K. M. Mislow, Princeton University (USA) 1983–84 Swiss University Fellow with J. D. Dunitz (in absentia Princeton), ETH-Zurich 1985–86 CNRS/NSF Fellow with J.-M. Lehn, ULP Strasbourg (France)
Awards:	US-NSF Presidential Young Investigator; American Cancer Society Junior Fellow; Alfred P. Sloan Fellow; ACS Arthur C. Cope Scholar Award; Fellow of the American Association for Advancement of Science; Fellow of the Royal Society of Chemistry
Current research interests:	Molecular design, chemical synthesis, and structural/function analysis; stereochemical investigations challenging the concepts underpinning the molecular model; physical organic chemistry by using synthetic, crystallographic, NMR spectroscopic, and computational techniques
Hobbies:	Languages, walking, and cooking

The most important future applications of my research are ... to the training of young minds.

My favorite piece of research is ... a living work in progress.

The biggest challenge facing scientists is ... to keep struggling with chaos despite the realization that they cannot actually uncover any absolute truths.

When I wake up I ... try to ask a pertinent question of the seminar speaker.

My ultimate goals are to ... dream, learn, teach, and enjoy something new every day.

My biggest inspiration is ... epiphanous laughter.

My biggest motivation is ... the feeling of "Aha!" (thank you Martin Gardner).

The secret of being a successful scientist is ... "Live as if you would die tomorrow, learn as if you would live forever" (Gandhi).

A good work day begins with ... the euphoria of a good night of dreams.

My favorite author (fiction) is ... Charles Dickens (A Christmas Carol).

My favorite author (science) is ... Linus Pauling (The Nature of the Chemical Bond).

My favorite book is ... "L'Œuvre au Noir" (Marguerite Yourcenar).

My top three films of all time are ... Diva, Dodes'ka-den, and Leaving Las Vegas.

If I could be described as an animal it would be ... Baloo (The Jungle Book).

My favorite food is ... Thai phet phet mawk.

My 5 top papers:

1. "Dominance of Polar/ π over Charge-Transfer Effects in Stacked Phenyl Interactions": F. Cozzi, M. Cinquini, R. Annuziata, J. S. Siegel, *J. Am. Chem. Soc.* **1993**, 115, 5330–5331.
2. "X-ray Diffraction Evidence for a Cyclohexatriene Motif in the Molecular Structure of Tris(bicyclo-[2.1.1]hexeno)benzene: Bond Alternation after the Refutation of the Mills-Nixon Theory": H.-B. Bürgi, K. K. Baldridge, K. Hardcastle, N. L. Frank, P. Gantzel, J. S. Siegel, J. Ziller, *Angew. Chem.* **1995**, 107, 1575–1577; *Angew. Chem. Int. Ed.* **1995**, 34, 1454–1456.
3. "Homochiral Imperative of Molecular Evolution": J. S. Siegel, *Chirality* **1998**, 10, 24–27.
4. "Structure/Energy Correlation of Bowl Depth and Inversion Barrier in Corannulene Derivatives: Combined Experimental and Quantum Mechanical Analysis": T. J. Seiders, G. Grube, K. K. Baldridge, G. H. Grube, J. S. Siegel, *J. Am. Chem. Soc.* **2001**, 123, 517–525.
5. "Synthesis of 2,6-Diarylphenyldimethylsilyl Cations: Polar- π Distribution of Cation Character": S. Duttwyler, Q.-Q. Do, A. Linden, K. K. Baldridge, J. S. Siegel, *Angew. Chem.* **2008**, 120, 1743–1746.

[*] Auf Bitten des Autors publizieren wir dieses Autoren-Profil in Englisch.