



M. Shimizu

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: “9-Stannafluorenes: 1,4-Dimetal Equivalents for Aromatic Annulation by Double Cross-Coupling”: I. Nagao, M. Shimizu, T. Hiyama, *Angew. Chem.* **2009**, *121*, 7709–7712; *Angew. Chem. Int. Ed.* **2009**, *48*, 7573–7576.

## Masaki Shimizu

<b>Date of birth:</b>	September 27 <sup>th</sup> , 1965
<b>Position:</b>	Associate Professor, Department of Material Chemistry, Graduate School of Engineering, Kyoto University (Japan)
<b>Education:</b>	1985–1989 Undergraduate, Tokyo Institute of Technology (Japan) 1989–1991 Master of Engineering, Tokyo Institute of Technology 1991–1994 PhD with Profs. Takeshi Nakai and Koichi Mikami, Tokyo Institute of Technology 1999–2000 Postdoctoral fellow with Professor Stephen L. Buchwald, Massachusetts Institute of Technology (USA)
<b>Professional associations:</b>	The Chemical Society of Japan; The Kinki Chemical Society, Japan; The American Chemical Society
<b>Awards:</b>	1996 Inoue Research Aid for Young Scientists
<b>Current research interests:</b>	Design, synthesis, and evaluation of novel $\pi$ -conjugated molecules with function; development of new synthetic methodologies/reactions/reagents in organic synthesis; organofluorine chemistry; organosilicon chemistry; organic materials chemistry
<b>Hobbies:</b>	Playing sports, playing with my twins, and travel

**The biggest challenge facing scientists is ...** the highly effective use of solar energy.

**If I could be anyone for a day, I would be ...** Michael Jordan.

**My favorite subject at school was ...** physics.

**When I was eighteen I wanted to be ...** a head coach of a basketball team.

**If I could have dinner with three famous scientists from history, they would be ...** Albert Einstein, Richard P. Feynman, and Robert B. Woodward.

**The three things I would take to a desert island would be ...** water, some clematis plants, and an iPhone.

**The most important future applications of my research are ...** electronic devices that use organic functional materials.

**My biggest motivation is ...** to share the moment when my students and I get excited together at the results that we have obtained.

**The part of my job which I enjoy the most is ...** to teach students the attraction of organic synthesis.

**A good work day begins with ...** no occurrence of trouble at home in the morning.

**My favorite food is ...** Sushi.

**My favorite fiction is ...** Sherlock Holmes.

**My favorite musician is ...** Andrea Bocelli.

**My top three films of all time are ...** “A Few Good Men”, “Notting Hill”, and “Ocean’s Eleven”.

### My 5 top papers:

1. “New, General, and Stereoselective Synthesis of CF<sub>3</sub>-Containing Tri- and Tetrasubstituted Oxiranes and Tetrasubstituted Alkenes”: M. Shimizu, T. Fujimoto, H. Minezaki, T. Hata, T. Hiyama, *J. Am. Chem. Soc.* **2001**, *123*, 6947–6948.
2. “Stereoselective Cross-Coupling Reaction of 1,1-Diboryl-1-alkenes with Electrophiles: A Highly Sterecontrolled Approach to 1,1,2-Triaryl-1-alkenes”: M. Shimizu, C. Nakamaki, K. Shimonon, M. Schelper, T. Kurahashi, T. Hiyama, *J. Am. Chem. Soc.* **2005**, *127*, 12506–12507.
3. “Palladium-Catalyzed Annulation of *vic*-Bis(pinacolatoboryl)alkenes and -phenanthrenes with 2,2'-Dibromobiaryls: Facile Synthesis of Functionalized Phenanthrenes and Dibenzo[*g,p*]chrysenes”: M. Shimizu, I. Nagao, Y. Tomioka, T. Hiyama, *Angew. Chem.* **2008**, *120*, 8216–8219; *Angew. Chem. Int. Ed.* **2008**, *47*, 8096–8099.
4. “Modular Approach to Silicon-Bridged Biaryls: Palladium-Catalyzed Intramolecular Coupling of 2-(Arylsilyl)aryl Triflates”: M. Shimizu, K. Mochida, T. Hiyama, *Angew. Chem.* **2008**, *120*, 9906–9910; *Angew. Chem. Int. Ed.* **2008**, *47*, 9760–9764.
5. “1,4-Bis(alkenyl)-2,5-dipiperidinobenzenes: Minimal Fluorophores Exhibiting Highly Efficient Emission in the Solid State”: M. Shimizu, Y. Takeda, M. Higashi, T. Hiyama, *Angew. Chem.* **2009**, *121*, 3707–3710; *Angew. Chem. Int. Ed.* **2009**, *48*, 3653–3656.

DOI: 10.1002/anie.200905814