

Speaker Profile



Contact Details

Organization

Name:

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Name Sihyun Ham

Title Computer-Aided Molecular Design of Nano Bio
Sensors

Institute Sookmyung Women's University

Education

Doctor of Philosophy (Sept. 1993 ~ June 1998)
Department of Chemistry
Texas Tech University, Lubbock, TX, USA

Bachelor of Science (Mar. 1987 ~ Feb. 1991)
Department of Chemistry
Sookmyung Women's University, Seoul, Korea

Field of Study

Molecular recognition of Chemosensors
Vibrational spectroscopy on Biomolecules
Protein Structure Determination
Protein Folding Simulations
Computational chemistry

Professional Experience

Assistant Professor (Sept. 2003 ~ Present)
Department of Chemistry
Sookmyung Women's University, Seoul, Korea

Research Professor (Jan. 2001 ~ Aug. 2003)
Department of Chemistry
Korea University, Seoul, Korea

Post-doctoral Fellow (July 1998 ~ Dec. 2000)
Department of Medicinal Chemistry
University of Washington, Seattle, USA

Selected Publications

1. *Org. Lett.*, **2006**, In press.
2. *ChemPhysChem.*, **2006**, 7, 206.
3. *J. Phys. Chem., B.* **2005**, 109, 11789.
4. *Org. Lett.*, **2004**, 6, 4289.
5. *J. Phys. Chem., B.* **2004**, 108, 9333.
6. *J. Phys. Chem., B.* **2003**, 107, 9132.
7. *J. Chem. Phys.*, **2003**, 118, 6915.
8. *J. Chem. Phys.*, **2003**, 118, 3491.
9. *J. Chem. Phys.*, **2002**, 117, 6821.
10. *J. Mol. Biol.*, **2002**, 322, 189.
11. *J. Chem. Phys.*, **2002**, 117, 740.

