

Sheng Dai

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Group Leader and Distinguished Staff Scientist
Chemical Sciences Division
Oak Ridge National Laboratory
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Education

Zhejiang University	B.S.	1984	Chemistry
Zhejiang University	M.S.	1986	Inorganic Chemistry
University of Tennessee	Ph.D.	1990	Chemistry
Oak Ridge National Laboratory	Postdoctoral	1990-93	High-Temperature Chemistry

Professional Positions

2006-Present	Group Leader, Nanomaterials Chemistry Group, Chemical Sciences Division, Oak Ridge National Laboratory
2009-Present	Distinguished Staff Scientist, Chemical Sciences Division and Center for Nanophase Materials Sciences, Oak Ridge National Laboratory
2005-2009	Senior Staff Scientist, Center for Nanophase Materials Sciences, Oak Ridge National Laboratory
2001-2009	Senior Staff Scientist, Chemical Sciences Division, Oak Ridge National Laboratory
1993-2000	Staff Scientist, Chemical Technology Division, Oak Ridge National Laboratory
1997-Present	Adjunct Professor appointed by Department of Chemistry, the University of Tennessee, Knoxville, Tennessee 37996-1600
1998-Present	Adjunct Professor appointed by Department of Chemistry, Drexel University, Philadelphia, Pennsylvania 19104
8.2005-9.2005	Visiting Professor at Denmark Technical University, Denmark
2006-present	Adjunct Professor, Jilin University, Changchun, China, Dept. of Chemistry
2008-present	Yongqian Honorary Professor, Zhejiang University, Dept. of Chemistry
2009-present	Honorary Professor, University of Science and Technology of China, Hefei, China, Dept. of Chemistry

Research Interests

Nanoporous and Nanostructured Materials (carbon and oxides), Ionic Liquids, Separation, Catalysis, Actinides & Fission products, and Radiation Detection

Professional Activities, Honors and Awards:

- Battelle S&T Challenges Award, **2002**
- Significant Achievement in Nanomaterials, **2004**, Chemical Sciences Division, ORNL
- Significant Achievement in Nanomaterials, **2005**, Chemical Sciences Division, ORNL
- Member of American Chemical Society
- Member of Electrochemical Society

Publications and Patents

Author or co-author of more than 200 articles in refereed journals, five invited chapters in four books, five patents granted, and eight patents pending.