

Zhaomin HOU

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Education and professional positions

1982 B.Sc. China University of Petroleum
1986 M.Sc. Kyushu University
1989 Ph.D. Kyushu University

1989 Postdoctoral Researcher, RIKEN
1990 Special Postdoctoral Researcher, RIKEN
1991 Postdoctoral Researcher, University of Windsor, Canada (Prof. Douglas Stephan)
1993 Research Scientist, RIKEN
1997 Senior Scientist, RIKEN
2002-present Chief Scientist, Director of Organometallic Chemistry Laboratory, RIKEN
2013-present Group Director, Advanced Catalysis Research Group,
Deputy Center Director, RIKEN Center for Sustainable Resource Science

Concurrent appointments

2003-present Visiting Professor, Graduate School of Science and Engineering, Saitama University
2008-present Visiting Professor, Tokyo Institute of Technology

Professional activities

1999-2002 Editorial Board, *Journal of Synthetic Organic Chemistry, Japan*
2010-2019 Coordinator, Asian Core Program on Cutting-edge Organic Chemistry
2010-present Board of Directors, The Rare Earth Society of Japan
2011-2015 Editorial Board, *ChemPlusChem*
2013-2015 Advisory Board, Interdisciplinary Research Center for Catalytic Chemistry,
National Institute of Advanced Industrial Science and Technology (AIST)
2013-present Editorial Board, *Inorganic Chemistry Frontiers*
2019-present Advisory Board, Institute for Chemical Reaction Design and Discovery (ICReDD),
JSPS World Premier International Research Center Initiative (WPI)
2020-present Advisory Board, MAEDA Artificial Intelligence in Chemical Reaction Design and Discovery,
JST Exploratory Research for Advanced Technology (ERATO) Program
2020-2022 Reaxys Advisory Board, Elsevier
2021-present Executive Editor, *Journal of the American Chemical Society*
2022-present Steering Committee, Asian Young Scientist Fellowship (AYSF)

Awards and honors

1996 Japan Society of Coordination Chemistry Award for Young Scientists
1997 The Rare Earth Society of Japan Award for Young Scientists
2000 Progress Award in Synthetic Organic Chemistry, Japan
2007 The JSPS Prize
2007 Mitsui Chemicals Catalysis Science Award
2007 The Chemical Society of Japan Award for Creative Work

2008	The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology: the Prizes for Science and Technology in Research Category
2009	The Rare Earth Society of Japan Award
2011	Asian Core Program Lectureship Award (China)
2011	Asian Core Program Lectureship Award (Taiwan)
2012	The Award of the Society of Polymer Science, Japan
2012	Asian Core Program Lectureship Award (Singapore)
2013	Pioneers from Asia, The 15 th Asian Chemical Congress
2014	Chinese Chemical Society Yaozeng Huang Award in Organometallic Chemistry
2014	Seventh Negishi-Brown Lectures, Purdue University
2016	Nagoya Silver Medal
2018	Swiss Chemical Society (SCS) Lectureships
2018	Asian CORE Program/Advanced Research Network
2019	The Chemical Society of Japan Award
2020	RIKEN EIHO Award (RIKEN Significant Achievement Award)
2022	The Japan Academy Prize
2023	Honorary Member, The Chemistry Society of Japan
2024	RIKEN EIHO Award (RIKEN Significant Achievement Award)
2024	Honorary Fellow, Chinese Chemical Society