

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 15th 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