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Education

- 1994 B.Sc. Faculty of Science, the University of Tokyo (Japan)
(Supervisor: Prof. Taro Saito)
- 1996 M.Sc. School of Science, the University of Tokyo (Japan)
(Supervisor: Prof. Taro Saito)
- 1999 Ph.D. School of Science, the University of Tokyo (Japan)
(Supervisor: Prof. Taro Saito)

Research and professional experience

- 1999-2000 Special Postdoctoral Researcher, Chemical Analysis Team, RIKEN
- 2000-2008 Research Scientist, Chemical Analysis Team, RIKEN
- 2008-2011 Senior Research Scientist, Chemical Analysis Team, RIKEN
- 2011-2013 Senior Research Scientist, Materials Characterization Team, RIKEN
- 2013-Present Senior Research Scientist, Organometallic Chemistry Laboratory, RIKEN
- 2013-Present Senior Research Scientist, Advanced Catalysis Research Group, RIKEN Center for Sustainable Research Science

Concurrent posts

- 2003 Part-time Lecturer, Graduate School of Science and Engineering,
Saitama University
- 2009-Present Visiting Associate Professor, Graduate School of Science and Engineering,
Saitama University
- 2011/4-2011/9 Part-time Lecturer, Ochanomizu University

Original publications

- S. Nagashima*, T. Takahashi, N. Nasrin, S. Kamiguchi, and T. Chihara, "Synthesis of Chromenes by Cyclizative Condensation of Phenols with α,β -Unsaturated Carbonyl Compounds over Halide Cluster Catalysts", *Chem. Lett.*, **2016**, Vol. 45, pp.1321–1323.
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- S. Nagashima*, T. Sasaki, S. Kamiguchi, T. Chihara, "Synthesis of Common-sized Heterocyclic Compounds by Intramolecular Cyclization", *Chem. Lett.*, **2015**, Vol. 44, pp. 764–766.
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- S. Nagashima, H. Yamazaki, K. Kudo, S. Kamiguchi, T. Chihara*, "S-Acylation of aliphatic and aromatic thiols with carboxylic acids and their esters over solid acid catalysts in the gas phase at temperatures above 200 °C", *Appl. Catal. A: General*, **2013**, Vol. 464–465, pp. 332–338.
- S. Kamiguchi*, K. Takeda, R. Kajio, K. Okumura, S. Nagashima, T. Chihara, "Application of Solid-State Molybdenum Sulfide Clusters with an Octahedral Metal Framework to Catalysis: Ring-Opening of Tetrahydrofuran to Butyaldehyde", *J. Clust. Sci.*, **2013**, Vol. 24, pp. 559–574.
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Reviews

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- S. Nagashima, S. Kamiguchi*, T. Chihara, "Catalytic Reactions over Halide Cluster Complexes of Group 5–7 Metals", *Metals*, **2014**, Vol. 4, pp. 215–313.
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