Joji Ohshita

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Education (Supervisor)

1991:	D. Eng. Hiroshima University (Prof. M. Ishikawa)
1987:	M. Eng. Kyoto University (Prof. Y. Ito)
1985:	B. Eng. Kyoto University (Prof. T. Shono)

Professional Career

2005–	Professor, Graduate School of Engineering, Hiroshima University
2003–2005	Associate Prof., Graduate School of Engineering, Hiroshima University
2001–2003	Associate Prof., IFOC, Kyushu University
1997–2001	Associate Prof., Faculty of Engineering, Hiroshima University
1991-1992	Post-doctoral Research, TU München, Germany (with Prof. H. Schmidbaur)
1987–1997	Research Associate, Faculty of Engineering, Hiroshima University

Research Interests

The research interest of JO encompasses the development of functional materials grounded in element-based chemistry.

Honors

1999	Incentive Award in Synthetic Organic Chemistry, Japan
2013	Distinguished Professor, Hiroshima University
2018	The Award of the Society of Polymer Science, Japan

Selected Publications

1. Preparation of Bridged Silica RO Membranes from Copolymerization of Bis(triethoxysilyl)ethene/(Hydroxymethyl)triethoxysilane. Effects of Ethenylene-Bridge Enhancing Water Permeability, F.-T. Zheng, K. Yamamoto, M. Kanezashi, T. Tsuru, J. Ohshita, *J. Membr. Sci.*, **2018**, *546*, 173-178.
2. Studies on Spherically Distributed LUMO and Electron-Accepting Properties of Caged Hexakis(germasesquioxane)s, J. Ohshita, T. Tsuchida, K. Komaguchi, K. Yamamoto, A. Adachi, Y. Ooyama, Y. Harima, K. Tanaka, *Organometallics* **2017**, *36*, 2536-2540.
3. Preparation of POSS-Derived RO Membranes for Water Desalination, K. Yamamoto, S. Koge, T. Gunji, M. Kanezashi, T. Tsuru, J. Ohshita, *Desalination* **2017**, *404*, 322-327.
4. Synthesis of Poly(dithienogermole)s, M. Nakamura, Y. Ooyama, S. Hayakawa, M. Nishino, J. Ohshita, *Organometallics* **2016**, *35*, 2333–2338.
5. Synthesis and Properties of Benzofuran-Fused Silole and Germole Derivatives: Reversible Dimerization and Crystal Structures of Monomers and Dimers, F.-B. Zhang, Y. Adachi, Y. Ooyama, J. Ohshita, *Organometallics* **2016**, *35*, 2327–2332.

396 SCI research papers