

## YASUHIRO FUNAHASHI

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**Date of Birth:** March 31st in 1968



### Education:

B. Sc., Nagoya University, 1991

M. Sc., Nagoya University, 1993

Ph. D. in Sc., Nagoya University, 1999

### Professional Carrier:

Research Fellowships for Young Scientists, Japan Society for the Promotion of Science, Nagoya University, 1997-1999

Assistant Professor, Research Center for Molecular Materials, Institute for Molecular Science, Okazaki, 1999-2001

Assistant Professor, Graduate School of Engineering, Nagoya Institute of Technology, 2001-2008

Associate Professor, Graduate School of Engineering, Nagoya Institute of Technology, 2008-2012

Researcher of PRESTO JST, Research Area: "Chemical conversion of light energy", 2010-present

Professor, Graduate School of Science, Osaka University, 2012-present

### Scientific Activities :

Memberships:

Chemical Society of Japan, Japan Society of Coordination Chemistry, The Society of Polymer Science, Japan, The Society of Electron Spin Science and Technology, American Chemical Society, Society of Biological Inorganic Chemistry

### Research Interests:

- 1) Syntheses of metal complexes mimicking the active site in metalloproteins
- 2) Activation of small molecules on transition metal centers

### Selected Publications:

Y. Funahashi, T. Nishikawa, Y. Wasada-Tsutsui, Y. Kajita, S. Yamaguchi, H. Arie, T. Ozawa, K. Jitsukawa, T. Tosha, S. Hirota, T. Kitagawa, H. Masuda, "Formation of a Bridged Butterfly-Type  $\mu\text{-}\eta^2\text{:}\eta^2\text{-Peroxo}$  Dicopper Core Structure with a Carboxylate Group", *J. Am. Chem. Soc.*, **130**, 16444-16445 (2008).