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Professor, Department of Chemical System Engineering, The University of Tokyo, Tokyo 113-8656, Japan



Academic Background

1976 B.E. The University of Tokyo

1979 M.E. The University of Tokyo, School of Science

1982 Ph.D. The University of Tokyo, School of Science

Professional Career

1982-1990 Associate Researchers, Chemical Resources Laboratory, Tokyo Institute of Technology

1990-1996 Associate Professor, Chemical Resources Laboratory, Tokyo Institute of Technology

1996-2004 Professor, Chemical Resources Laboratory, Tokyo Institute of Technology

2004-present Professor, Department of Chemical System Engineering School of Engineering, The University of Tokyo

(Visiting Scientist at IBM Almaden Research Center from 1985 to 1986.)

2017-present Special Contract Professor, Cross appointment, Center for Energy & Environmental

Science, Shinshu University

Research interests

Development of Photocatalysts for Water Splitting

Study on Heterogeneous Catalysis Reactions by Infrared Spectroscopy

Surface Reaction Dynamics by Nonlinear Laser Spectroscopy

Development of New Functional Materials for Catalysis

Awards & Honors

1990; Encouragement Prize, Catalysis Society of Japan,

1991; Catalyst Preparation Awards,

2007; Catalysis Society of Japan Awards

2011; The Chemical Society of Japan Awards

2018; The Japan Petroleum Institute Award