

## CURRICULUM VITAE

### Isao Tsuyumoto

#### Professor of Chemistry

Department of Applied Chemistry  
College of Bioscience and Engineering  
Kanazawa Institute of Technology



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Date of birth: February 9, 1969

#### Professional Experience

- 2011–present Professor, Department of Applied Chemistry, College of Bioscience and Chemistry, Kanazawa Institute of Technology.
- 2015–present Chair Professor, Division of Bioscience and Chemistry, Kanazawa Institute of Technology.
- 2012–2015 Vice Chair Professor, Division of Bioscience and Chemistry, Kanazawa Institute of Technology.
- 2002–2011 Associate Professor, Kanazawa Institute of Technology. Department of Applied Chemistry, College of Bioscience and Chemistry (2008–11). Department of Environmental Chemistry, College of Environmental Engineering and Architecture (2004–08). Division of Environmental Engineering (2002–04).
- 1999–2002 Senior Lecturer (Assistant Professor), Division of Environmental Engineering, Kanazawa Institute of Technology.
- 1996–1999 Assistant Professor, Department of Applied Chemistry, Graduate School of Engineering, The University of Tokyo.

#### Education

- 1993–1996 Doctoral program. Department of Applied Chemistry, Graduate School of Engineering, The University of Tokyo. Doctoral degree conferral date: March 29, 1996. Advisor: Prof. Tetsuichi Kudo.

- 1991–1993 Master program. Department of Superconductivity Engineering, Graduate School of Engineering, The University of Tokyo.
- 1987–1991 Undergraduate program. Department of Industrial Chemistry, Faculty of Engineering, The University of Tokyo (1989–91). Natural Sciences I, College of Arts and Sciences, The University of Tokyo (1987–89).

### **Qualifications**

English skills: TOEIC 950  
Senior Professional Engineering Educator  
Certified Environmental Measurer  
Class A Hazardous Materials Officer  
Poisonous and Deleterious Substances Officer

### **Expertise and Current Research Fields**

Inorganic Materials Chemistry, especially in Development of New Inorganic Materials and Relationship between Structure and Properties  
Flame Retardants for Polymer and Wood  
Electrode Materials for Lithium Ion Batteries

### **Number of Publications**

Refereed Research Papers (1993-2015): 52 in total, 37 as First Author and 15 as Co-author, 48 in English and 4 in Japanese.  
Books (1994-2016): 30 in Total, 1 as Sole Author and 29 as Co-author, 3 in English and 27 in Japanese.  
Invited Talks (1997-2016): 22 in Total, 4 in English and 18 in Japanese.  
(Publication List is given in separate sheets.)

### **Professional Membership**

The Chemical Society of Japan  
The Electrochemical Society of Japan  
The Ceramic Society of Japan  
The Japan Society for Analytical Chemistry

## **Courses Taught**

Electrochemistry for Energy Conversion and Storage  
Fundamentals of Laboratory Safety  
Introduction to Bioscience and Chemistry  
Interdisciplinary Studies of Applied Chemistry  
Basic Experiments in Physics  
Applied Chemistry Major Lab / Exercises  
Basic Experiments and Practice in Bioscience and Chemistry  
Functional Chemistry of Inorganic and Energetic Materials  
Inorganic Chemistry  
Polymer Chemistry  
Chemical Engineering  
Computer Practice for Chemistry  
Preparatory Seminar for Design Project III  
Design Project III