

NORIKO YOSHIZAWA

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EDUCATION

PhD in Engineering

December 1998

Hokkaido University, Sapporo, Japan

Dissertation title: “Structural characterization of carbon materials with a low crystallinity using modified methods for data analysis”

Advisor: Michio Inagaki, Professor, Hokkaido University

BA in Engineering

March 1990

Waseda University, Tokyo, Japan

Department of Resource Engineering, Faculty of Engineering and Science

PROFESSIONAL EXPERIENCE

1990-present

National Institute of Advanced Industrial Science and Technology (AIST), Japan

Secretary-General of RD20 (RD20: Research and Development 20 for Clean Energy Technologies) 2023-present

Lead RD20 activities as international initiatives to promote global collaboration.

Principal Research Manager

2016-present

Develop flexible, high thermoelectric conductive carbon films by layer exchange method.

Leader of Energy Storage Materials Group

2013-2016

Examine characterization method with TEM and electron energy-loss spectroscopy for single/multilayer graphene.

Senior Researcher

1998-2013

Investigate characterization methods for nanostructure in carbon materials.

2010-present

Chiba University, Japan

Guest Professor, Department of Chemistry

2000-2001

Massachusetts Institute of Technology, Cambridge, MA, USA

Visiting scientist, Department of Physics

Hosting Professor: Mildred S. Dresselhaus, Prof.

PUBLICATIONS AND PRESENTATIONS

Publish 120 original research papers, 7 books.

Deliver 50 invited lectures, 245 presentations in academic conferences.

HONORS AND AWARDS

Award for Contributions to the Field of Engineering, Society of Automotive Engineers of Japan, 2021

The Japan Carbon Award for Innovative Research (in International Conference on Carbon 2008), 2008

Best Paper award, The Japan Institute of Energy, 2007

Progressive Research Award, The Japan Institute of Energy, 2007

Excellent Young Researcher Award, The Carbon Society of Japan, 2002

PROFESSIONAL MEMBERSHIPS

The Carbon Society of Japan (Committee Member)

Society of Automotive of Engineers, Japan (Chairperson of Technical Committee for Energy Storage System Engineering)

The Japan Institute of Energy