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Position: Senior Chief Researcher, Hitachi Research Laboratory,
Hitachi, Ltd.

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Education

1976 B. Eng., Faculty of Engineering, Tohoku University, Dept. of Applied Chemistry

1978 M. Eng., Graduate school of Engineering, Tohoku University, Dept. of Applied
Chemistry

1981 Ph.D. from Tohoku University

Appointments

1981 Hitachi Research Laboratory, Hitachi Ltd.

1990 Senior researcher, Hitachi Research Laboratory, Hitachi Ltd.

1992 Senior engineer, Kanagawa Works, Hitachi Ltd.

1993 Senior researcher, Hitachi Research Laboratory, Hitachi Ltd.

1997 Vice Department manager of 1st Materials Research Department, Hitachi Research
Laboratory, Hitachi Ltd.

2000 Chief Researcher and Vice Department manager of Electronic Materials Research
Department, Hitachi Research Laboratory, Hitachi Ltd.

2008 – present: Senior chief researcher, Hitachi Research Laboratory, Hitachi Ltd.

2005 – present: Chair of the technology committee of NBCI

2010 – present: a member of executive board of NBCI

2011 to 2012 Visiting Professor of the Center for Interdisciplinary Research (CIR),
Tohoku University

Research Interests

Electrochemistry, Electrodeposition for electronic devices, Electronic circuit fabrication,
and packaging, Materials research on electric and electronic products.