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National Astronomical Observatory of Japan

1960 Born in Fukushima Prefecture, Japan

1979 University of Tokyo

1983 Graduated: Department of Astronomy, Faculty of Science, Univ. Tokyo

1985 Master Degree: Same as above

1987 Assistant at Tokyo Astronomical Observatory of Japan, Univ. Tokyo

1988 Assistant at National Astronomical Observatory of Japan

Ph.D: University of Tokyo

1994 Division chief of Public Relation and Outreach Office

1998 Associate Professor, Public Relations Center

2005 Division chief of Public Relations Office

2006 Director of Public Relations Center

#### Degree

Master Degree: Univ. Tokyo(1985)

"The Rotation of Comet IRAS-Araki-Alcock 1983d"

Ph.D Thesis: Univ. Tokyo(1988)

"Rotational Motion of the Nucleus of Comet P/Halley and its Activity"

Scientific Papers(refereed)

1. "The Outburst of Comet P/Halley on December 12, 1985"  
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and Y. Kozai,  
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2. "The Rotation of Comet 1983 VII IRAS-Araki-Alcock"  
J. Watanabe,  
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3. "Vacuum Ultraviolet Imagery of Virgo Cluster Region"  
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5. "On the New Periodic Comet Shoemaker-Holt 1987z"  
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6. "Periodic Activity of Comet Bradfield 1987s"  
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7. "Detection of the Rotational Motion of Comet P/Brorsen-Metcalf"  
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15. “Radar Observation of Strong Activity of Perseid Meteor Shower in 1991”

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