

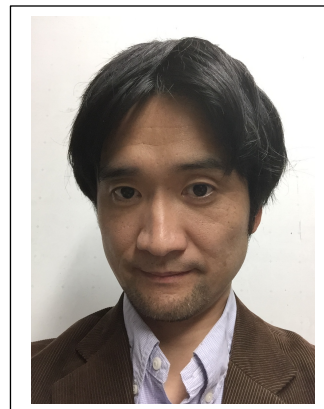
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**Educational Backgrounds**

1994, B. Eng., Kyushu University, Japan

1996, Ms. Eng., Kyushu University

2001, Ph.D., Kyushu University (supervisor: Prof. Noboru Yamazoe)

**Field of Research**

Synthesis of inorganic nanomaterials such as quantum dots, oxide nanostructures, and graphene oxide, and their applications for energy devices, gas sensing, gas separation, etc.

**Biography**

2001-2003: Postdoctoral Fellow, Postdoctoral Fellow, National Institute of Advanced Industrial Science and Technology, Japan

2003-2006: Assistant Professor, Department of Chemistry and Applied Chemistry, Saga University, Japan

2006-2013: Associate Professor, Department of Energy and Materials Sciences, Kyushu University, Japan

2010-2011(13 months): Visiting Scholar, Materials Sciences Division, Lawrence Berkeley National Laboratory, USA

2013-present: Professor, Division of Materials Science, Faculty of Advanced Science and Technology, Kumamoto University, Japan

2016-2016 (1 month): Visiting Professor, Department of Chemical Engineering, Chulalongkorn University, Bangkok, Thailand

2017-2017 (6 months): Visiting Professor, Institute for Chemical Investigation of Catalonia (ICIQ – Institut Català d'Investigació Química), Tarragona, Spain.

**Latest publications**

1. N.L. Hamidah, M. Shintani, A.S.A. Fauzi, G.K. Putri, S. Kitamura, K. Hatakeyama, A.T. Quitain, M. Sasaki, **T. Kida**, Graphene Oxide Membranes with Cerium-Enhanced Proton Conductivity for Water Vapor Electrolysis, *ACS Applied Nano Materials*, 3, 5, 4292–4304 (2020).
2. A.D. Pramata, K. Suematsu, A.T. Quitain, M. Sasaki, **T. Kida**, Synthesis of Highly Luminescent SnO<sub>2</sub> Nanocrystals: Analysis of their Defect-Related Photoluminescence Using Polyoxometalates as Quenchers, *Adv. Funct. Mater.*, 28, 1704620 (2018).
3. **T. Kida**, Y. Kuwaki, A. Miyamoto, N.L. Hamidah, K. Hatakeyama, A.T. Quitain, M. Sasaki, A. Urakawa, Water Vapor Electrolysis with Proton-Conducting Graphene Oxide Nanosheets, *ACS Sustainable Chem. Eng.*, 6, 11753-11758 (2018).