

ICMAP 2018

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Dr. Takeshi HAGIO

Nagoya University, Japan

Education

Apr/2003-Mar/2007 Nagoya University, B.D.
Apr/2007-Mar/2009 Nagoya University, M.D.
Oct/2011-Sep/2012 Nagoya University, [transferred]
Oct/2012-Mar/2016 Hokkaido University, Ph.D.

Work Experience

Apr/2009-Mar/2017 NGK Insulators, LTD., NCM Project, Corporate R&D
Nov/2015-Mar/2017 Designated Assistant Professor, Nagoya Institute of Technology
(Secondment)
Apr/2017-Today Assistant Professor, Nagoya University

Research Fields

- Separation Technology
 - Adsorbents: Microporous materials and layered materials
 - Separation Membranes: Nanoporous ceramic membranes for molecular separation
- Resource Circulation
 - Recovery of materials and elements from waste streams
 - Thermoelectrics
- Coating Technology
 - Electro and electroless metal coatings
 - Ceramics films by hydrothermal synthesis
- Synthesis and Forming of Ceramics
 - Slipcast, sintering, hydrothermal synthesis, complex-polymerization, co-precipitation
- Bioceramics for Tissue Engineering
- Application of External Fields for Material Processing : magnetic field