Exp.

OGURA LAB.

[Molecule-sized Nano Space and Catalysis]

Institute of Industrial Science, Department of Materials and Environmental Science

Department of Chemical System Engineering

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Nano Space and Catalysis

Porous Materials

Our research group tackles on the environmental, and resources and energy problems using nano porous materials.

Nano-sized space allows us to...

e.g.,)

- Store and concentrate materials and energy
- Capture harmful chemicals
- Select or sieve molecules by their size and chemical properties
- Anchor the catalytic site in the nano space
- Catalyze space-selective reactions



Create The Truly Useful Catalysts via a Design of Nano Space Reaction

Unique

Design the Reaction

Understand and Use



