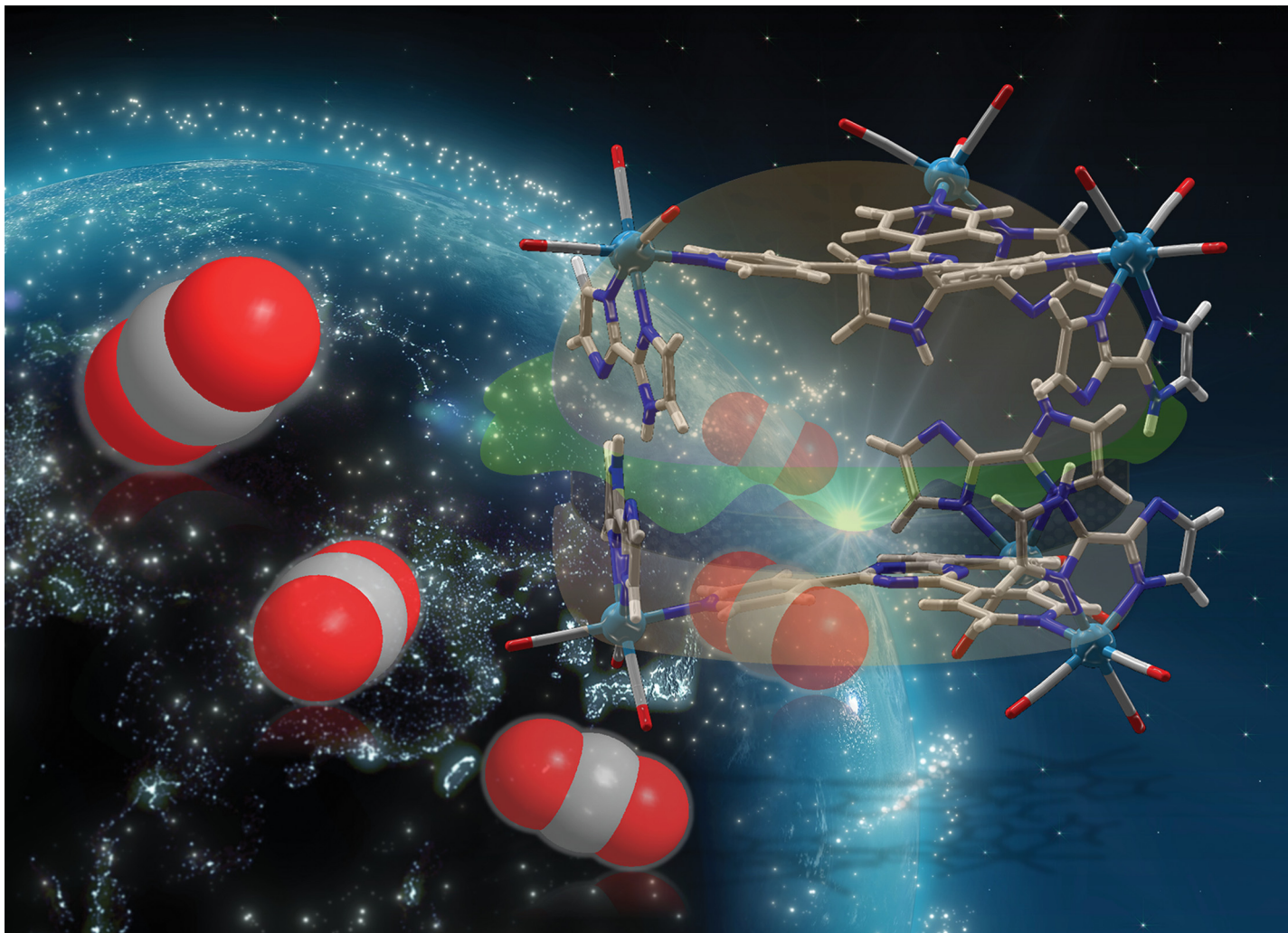




Showcasing research from Professor Tadokoro's laboratory,
Department of Chemistry, Faculty of Science,
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Gas sorption of nano-porous supramolecules formed by
multi-hydrogen bonded coordination capsules

A nano-space supramolecule by H-bonded coordination
capsules was prepared. The hamburger-shaped
supramolecule is constructed from six intermolecular
H-bonds, and six coordinated units of $[\text{Re}(\text{CO})_3]$.
Interestingly, mechanical grinding easily would convert
to an amorphous state, adsorbed and released small
molecules as CO_2 .

As featured in:



See Makoto Tadokoro *et al.*,
Chem. Commun., 2021, **57**, 2249.