

Porous Magnetic Molecular Materials

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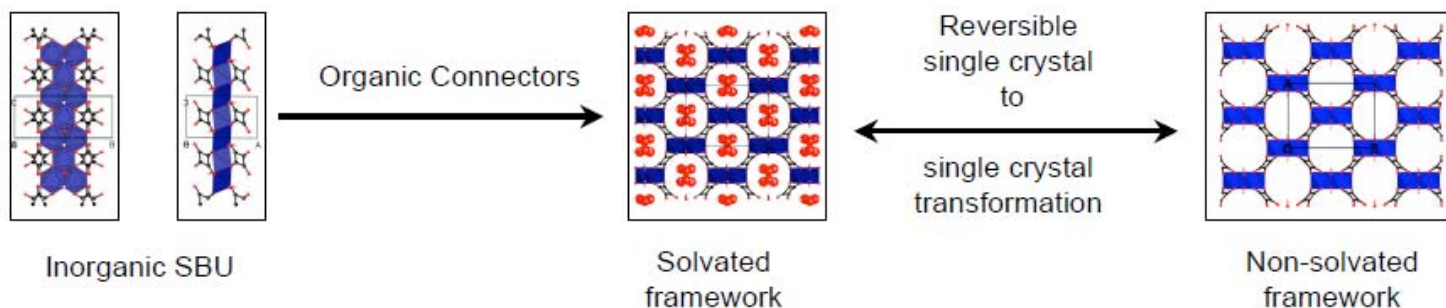
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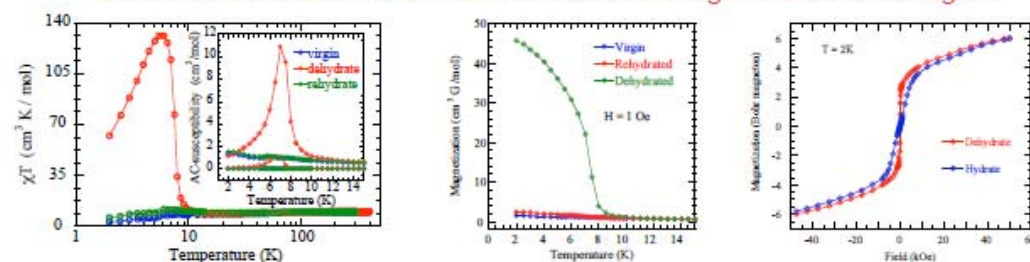
Aim

We are interested in the syntheses of molecular hybrids from inorganic bricks containing M-OH-M connections to stabilize framework which can sustain reversible desolvation-resolution and long-range magnetic ordering.

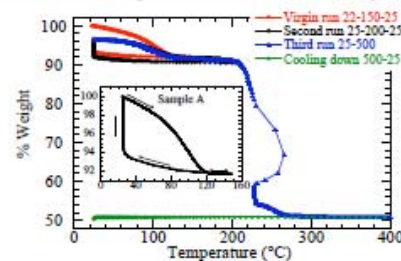
Example



Reversible transformation from an Antiferromagnet to a Ferromagnet



Thermal stability and water absorption reversibility



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