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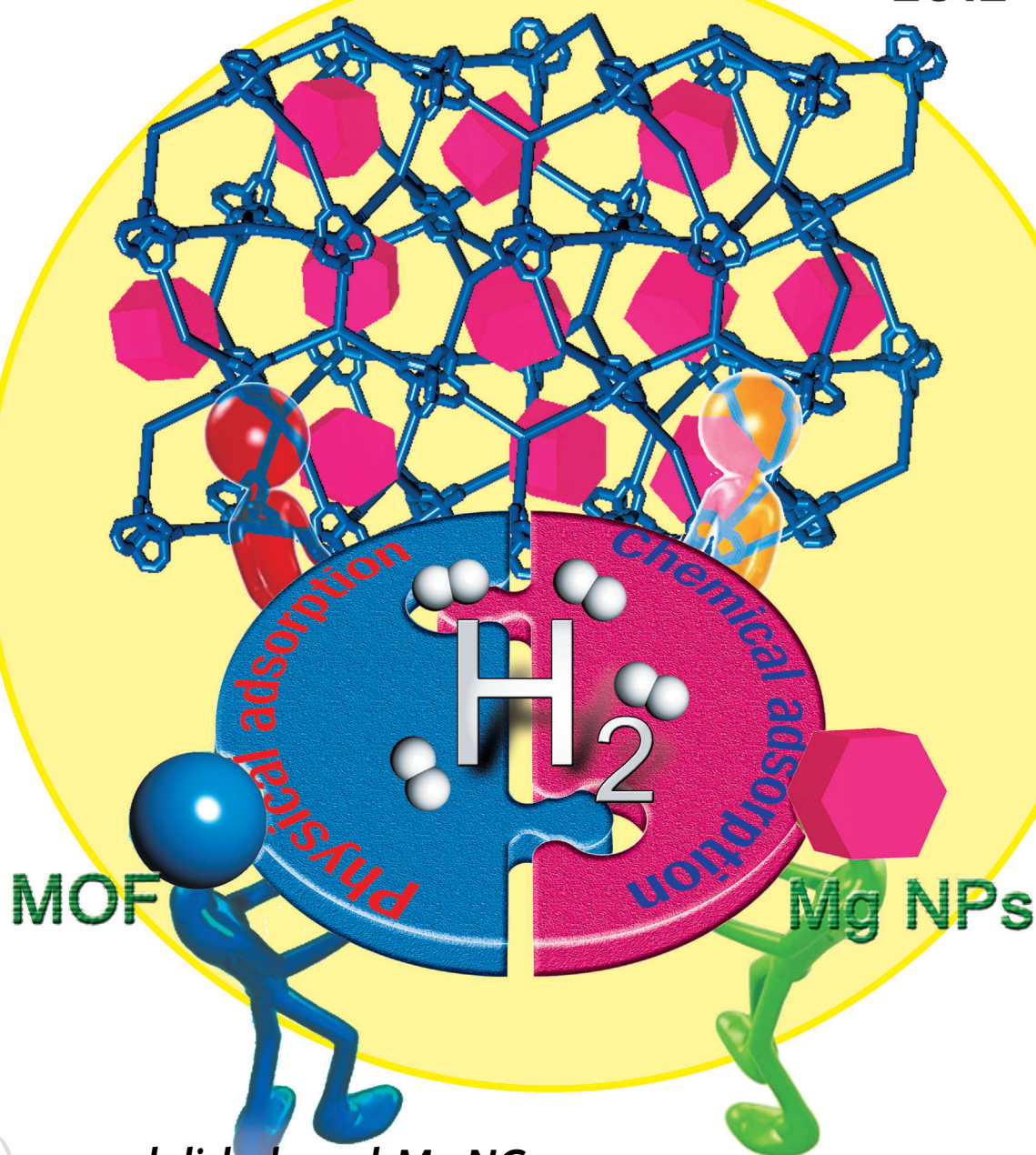
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Hexagonal-disk-shaped Mg NCs ...

... (magnesium nanocrystals) have been fabricated within a porous MOF (metal–organic framework). In their Communication on page 9814 ff, M. P. Suh et al. report on the adsorption of hydrogen gas by Mg NCs@MOF both by physi- and chemisorption. Compared to pristine MOF, Mg NCs@MOF increases isosteric heat and uptake capacities of H₂ physisorption, and decreases chemisorption/desorption temperatures by 200 K compared to bare Mg powder.

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