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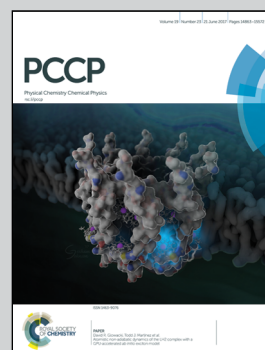


Showcasing research from the Catalysis Theory Research Division, Institute for Catalysis, Hokkaido University, Japan

A coordination strategy to realize a sextuply-bonded complex

A new electronic structure provides a possibility for a new functionality. We are exploring new catalytic systems based on the electronic structure calculations. Herein, our multi-configurational calculations show that sextuply-bonded transition metal complexes can be synthesized.

As featured in:



See Jun-ya Hasegawa, Shigeyoshi Sakaki et al., *Phys. Chem. Chem. Phys.*, 2017, 19, 14947.