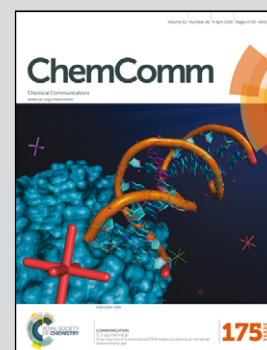


Showcasing research by Szymon Chorazy, Michał Rams, Anna Hoczek, Bernard Czarnecki, Barbara Sieklucka, Shin-ichi Ohkoshi and Robert Podgajny from Jagiellonian University in Kraków (Poland) and University of Tokyo (Japan)

Structural anisotropy of cyanido-bridged $\{Co_9W_6\}$ single-molecule magnets induced by bidentate ligands: towards the rational enhancement of an energy barrier

Different $\{Co_9W_6(2,2'\text{-bpdo})_7(\text{MeOH})_{10}\}$ and $\{Co_9W_6(2,2'\text{-bpdo})_6(\text{MeOH})_{12}\}$ cluster forms co-crystallize in one molecular network. Structural axial distortion and slow magnetic relaxation parameters of cyanido-bridged $\{Co_9W_6\}$ super-complexes are controlled by a number of chelating 2,2'-bpdo ligands.

As featured in:



See Shin-ichi Ohkoshi, Robert Podgajny et al., *Chem. Commun.*, 2016, 52, 4772.



www.rsc.org/chemcomm

Registered charity number: 207890