EurJIC
European Journal of Inorganic Chemistry

Issue 23/2006

Pages 4705–4948

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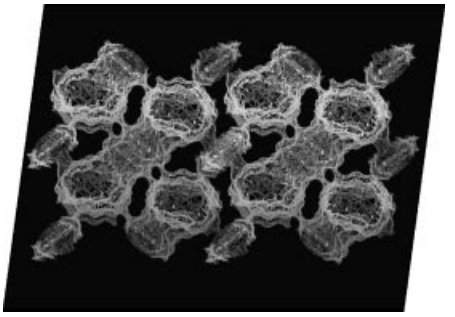
COVER PICTURE

The cover picture shows the three-dimensional supramolecular arrangement of 1,10-phenanthroline (phen) residues in compound $(Hphen)_6[Ge_6(OH)_6(hedp)_6]\cdot 2(phen)\cdot 20H_2O$ (where H_4hedp stands for etidronic acid). Protonated organic residues, $Hphen^+$, π-π-stack along the [101] direction of the unit cell, which leads to the formation of columns that are interconnected through a series of weak C−H···π interactions with neighbouring 1,10-phenanthrolines. The resulting organic framework is highly porous and contains charge-balancing centrosymmetric hexameric anionic $[Ge_6(\mu_2\text{-}OH)_6(C_2H_4O_7P_2)_6]^{6-}$ moieties within the channels and a large number of highly disordered water molecules (total available volume of ca. 2462 Å^3 per unit cell). Details are discussed in the article by J. Rocha et al. on p. 4741 ff.



MICROREVIEW

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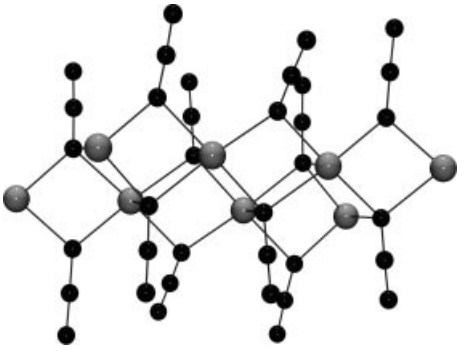

Keywords: Cluster compounds / Azides / Magnetic properties / Single-molecule magnets

