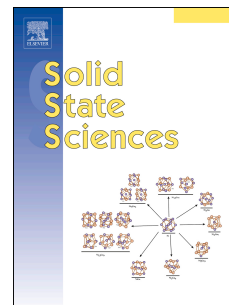


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A novel mixed-metal borate with large $[B_{12}O_{18}(OH)_6]^{6-}$ motif: Synthesis, structure and property

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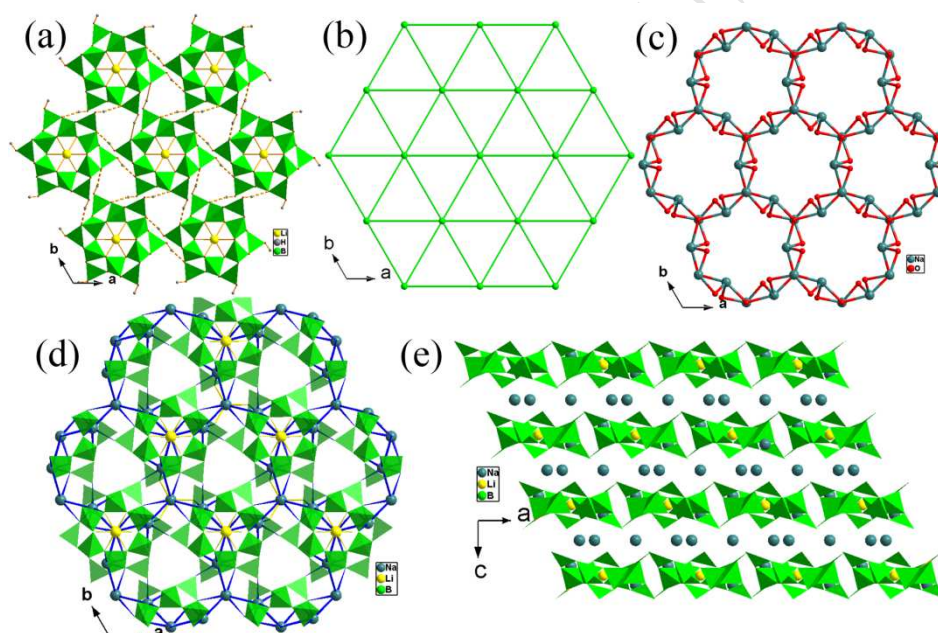
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Graphic Abstract

A novel borate with large $[\text{B}_{12}\text{O}_{18}(\text{OH})_6]^{6-}$ motif: synthesis, structure and property

Li Wei^a, Jie Pan^a, Zhen-Zhen Xue^a, Guo-Ming Wang^{a,*} and Ying-Xia Wang^b

The structure features unprecedented 3D framework constructed from novel honeycomb-shaped inorganic Na-O sheets with unique 12-MR sodium rings and supramolecular polyborate 2D layers of lithium-centered $[\text{B}_{12}\text{O}_{18}(\text{OH})_6]^{6-}$.



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