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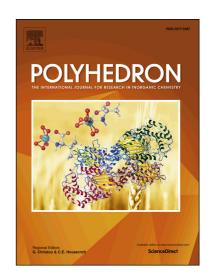
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Zn-based metal-organic frameworks (MOFs) of

pyridinemethanol-carboxylate conjugated ligands:

Deprotonation-dependent structures and CO₂ adsorption

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ABSTRACT: Two Zn-based metal—organic frameworks (MOFs) of pyridinemethanol—carboxylate conjugated ligands, namely, $[Zn(\mathbf{L_1})]_n \cdot xSol$ (1, 3D) and $[Zn(\mathbf{L_2})]_n$ (2, 1D) $[H_2\mathbf{L_1}]_n \cdot (H_2\mathbf{L_1})_n \cdot (H_2\mathbf{L_1}$

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