

Supplementary materials

Preparation of cubane -1,4-dicarboxylate-Zn-Al-LDH-Nanohybrid: Comparison of Structural-Optical Properties Between Experimental and Calculated Results

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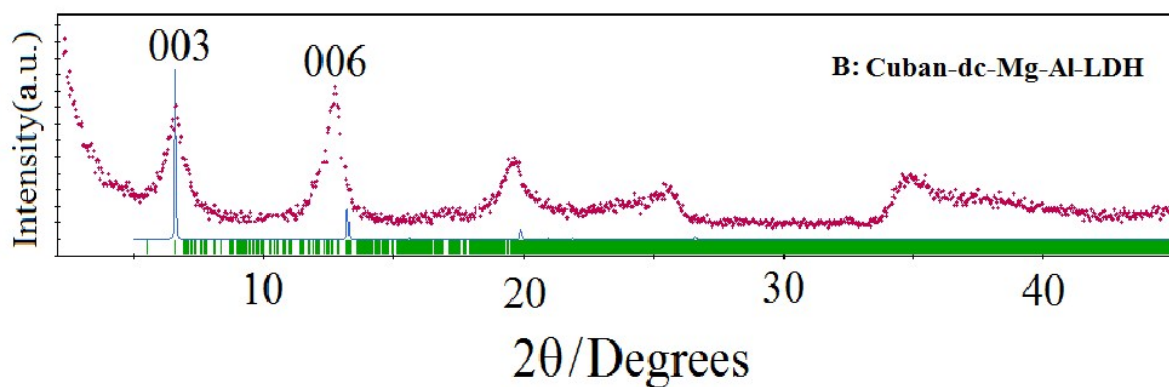
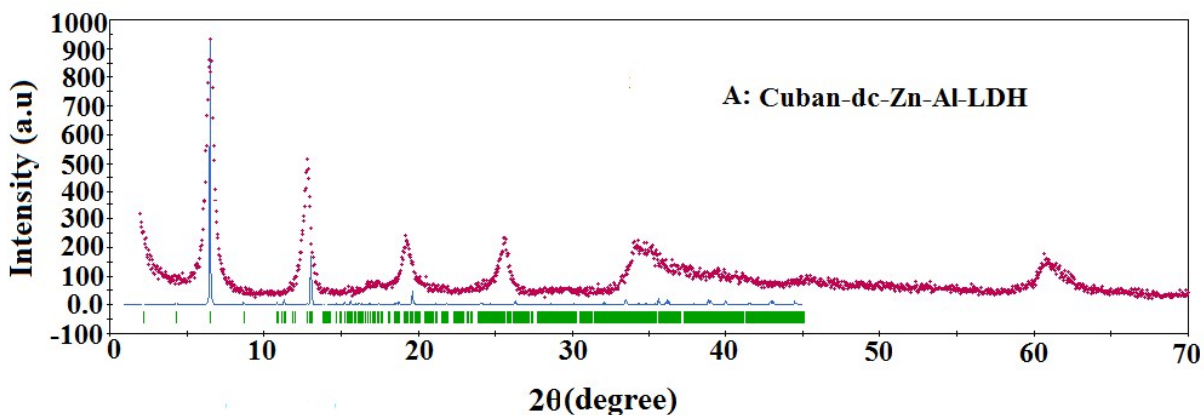


Fig. S1 The calculated (solid line) and experimental (dashed line) x-ray diffraction patterns of A) cubane-dc- Mg-Al-LDH, and B) cubane-dc- Zn-Al-LDH

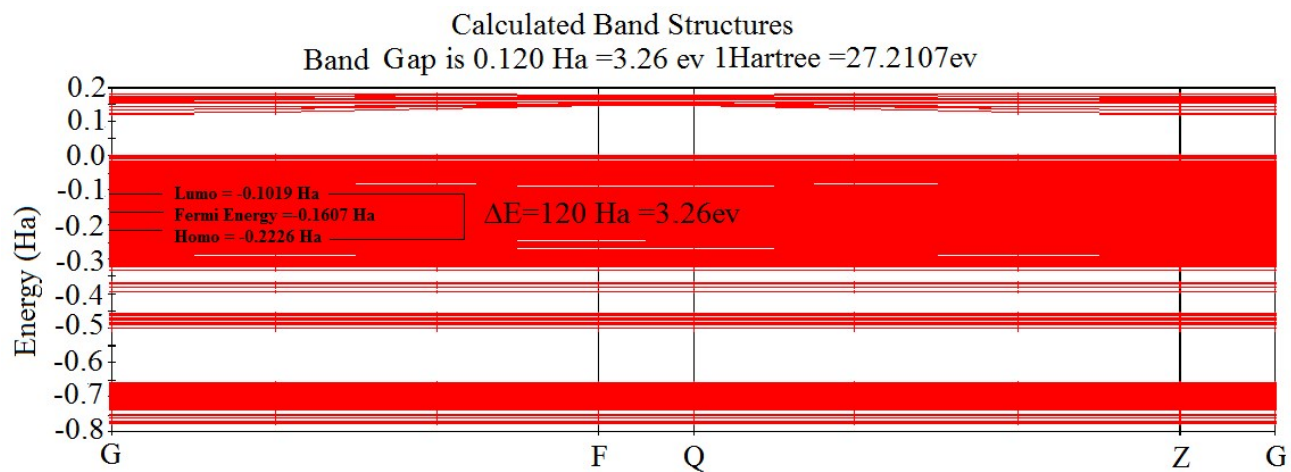


Fig S2. Plot of calculated band structure

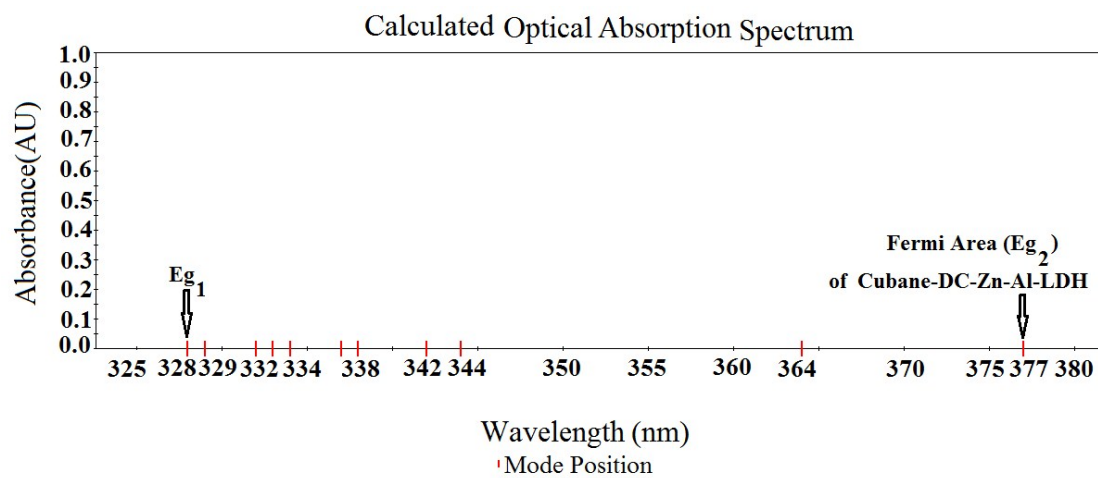


Fig S3. The Calculated Optical Property