

Supplementary Information for

Regular Assembly of Fluorenone-2,7-dicarboxylate within Layered Double Hydroxide and its Solid-state Photoluminescence: A Combined Experiment and Computational Study

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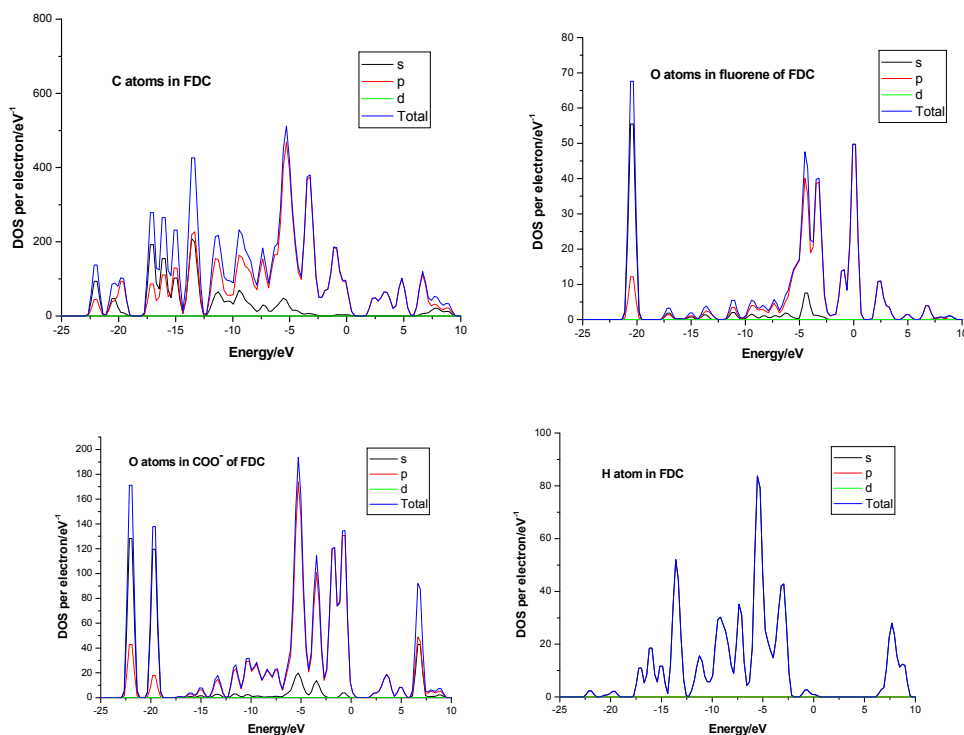
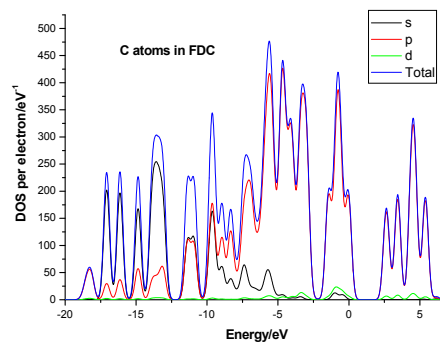
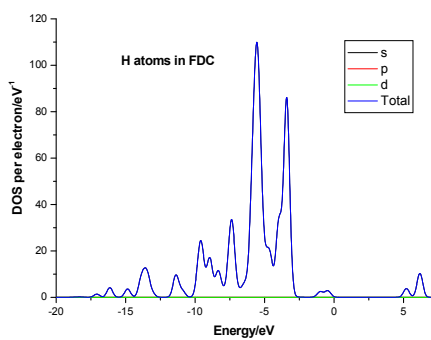
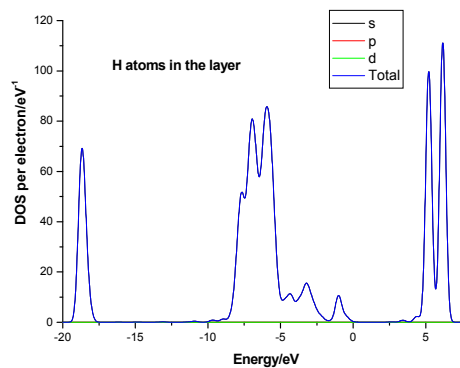
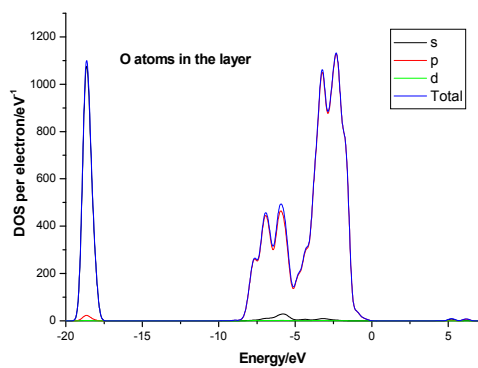
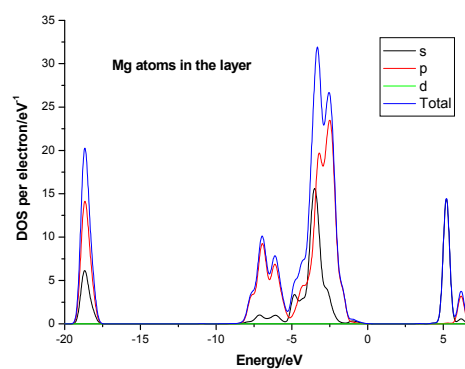
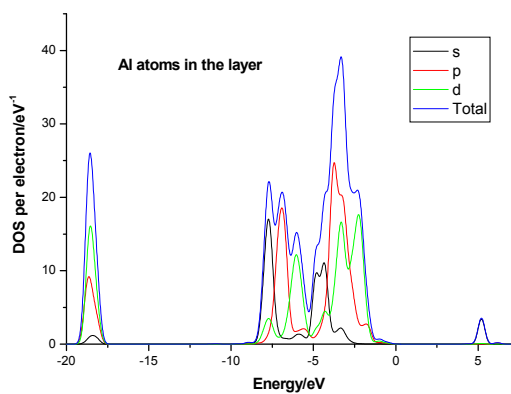


Figure S1. Total and partial electronic density of states (TDOS and PDOS) profiles for different atoms in pristine FDC.



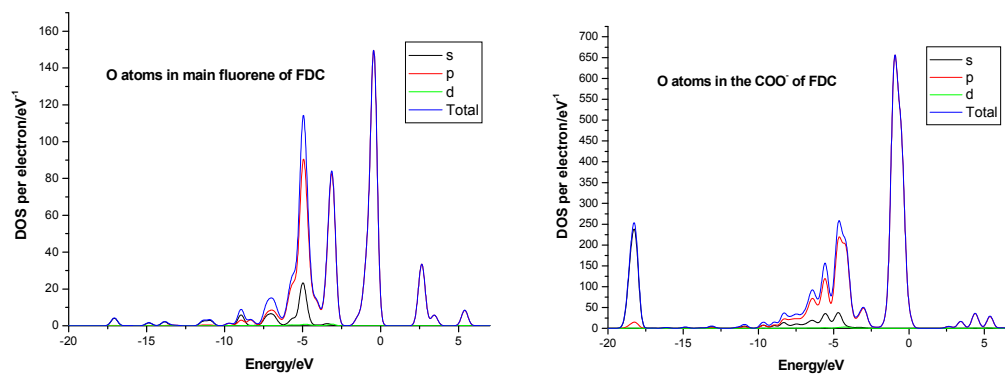
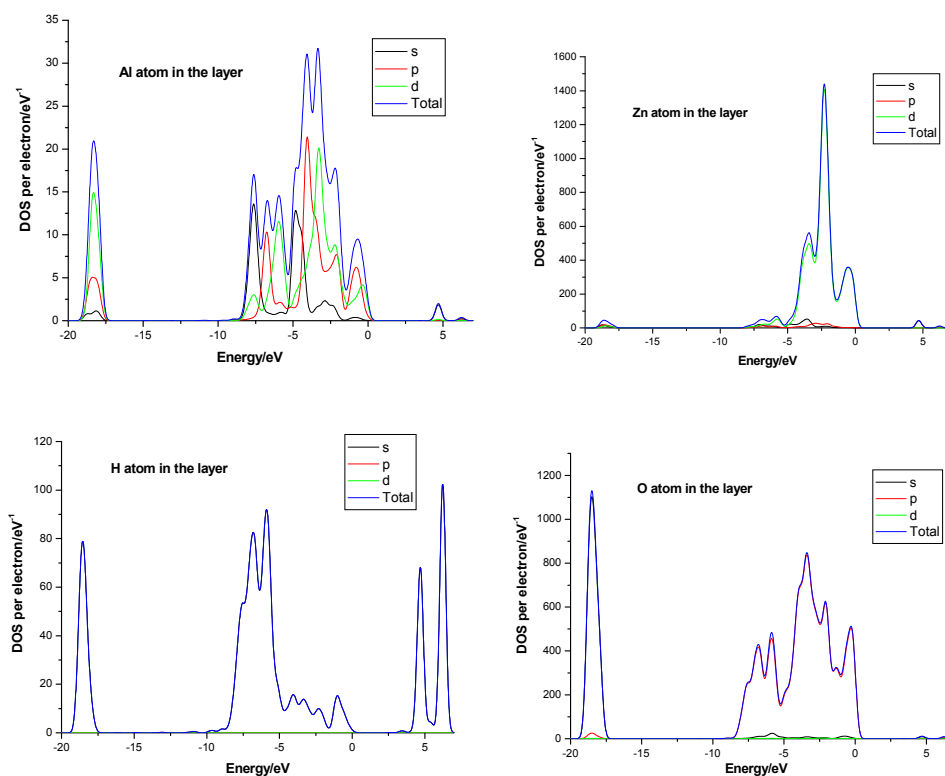


Figure S2. Total and partial electronic density of states (TDOS and PDOS) profiles for different atoms in FDC/Mg₂Al-LDH system.



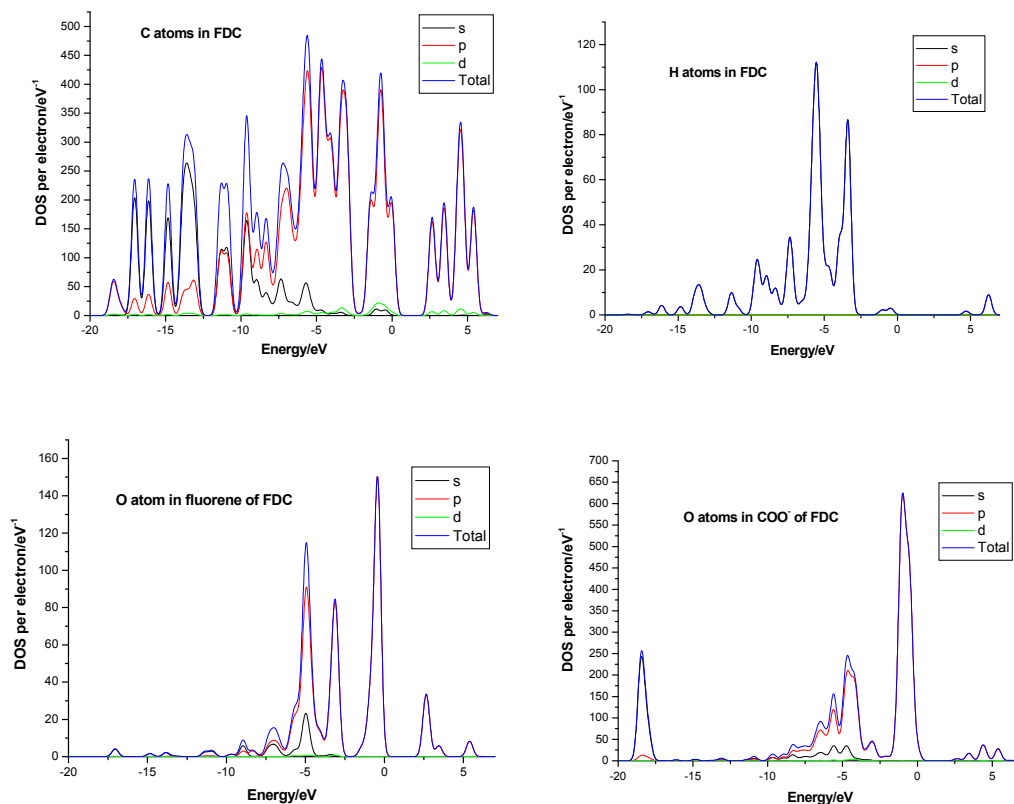


Figure S3. Total and partial electronic density of states (TDOS and PDOS) profiles for different atoms in FDC/ $\text{Zn}_2\text{Al-LDH}$ system.