

TOWARDS THE SYNTHESIS OF LAYERED CATIONIC MATERIALS FOR CATALYSIS

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Layered materials are extremely important materials with a wide array of applications in catalysis, ion exchange, energy storage and drug delivery, just to mention a few. Our research involves the synthesis of new layered materials by hydrothermal synthesis for catalysis. We are presently studying the lower alkaline earth metals (strontium and barium). Our recent result from strontium, xylene-templated structure will be discussed.