

Sol-Gel-Synthesis of Nanoscopic Complex Metal Fluorides

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Supplementary material



Figure S1. Photograph of a typical transparent LiMgF₃ sol.

“LiMgF₃”

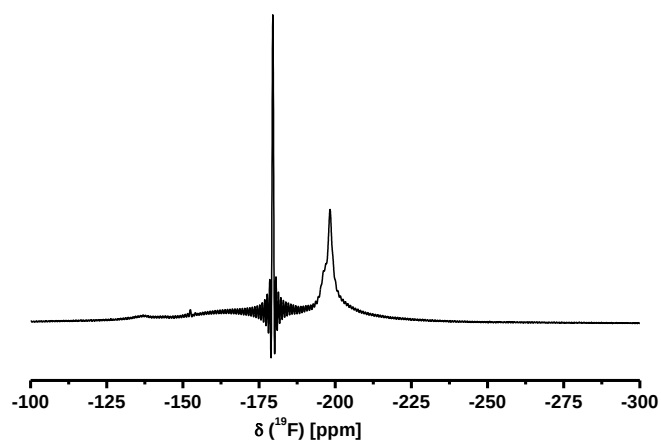


Figure S2. ¹⁹F liquid NMR spectrum of LiMgF₃ sol.

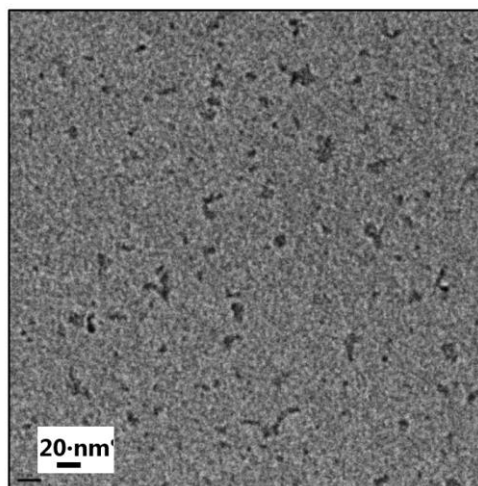


Figure S3. TEM image of LiMgF₃ sol.

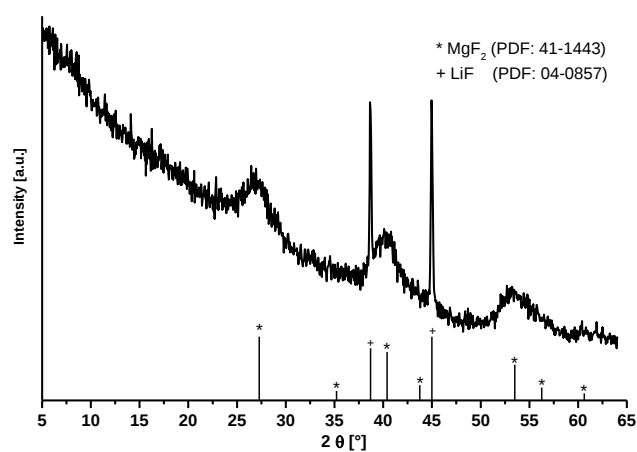


Figure S4. X-Ray powder diffractogram of un-annealed LiMgF₃ xerogel.

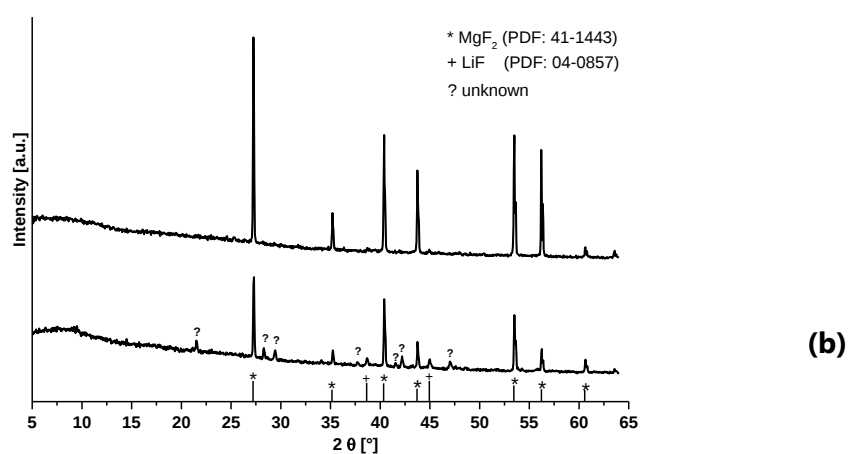


Figure S5. Comparison of X-ray powder patterns of annealed LiMgF₃ xerogel at 700 °C (a), 850 °C (b) for 2 minutes and crystalline MgF₂ (PDF: 41-1443) and LiF (PDF: 04-0857).

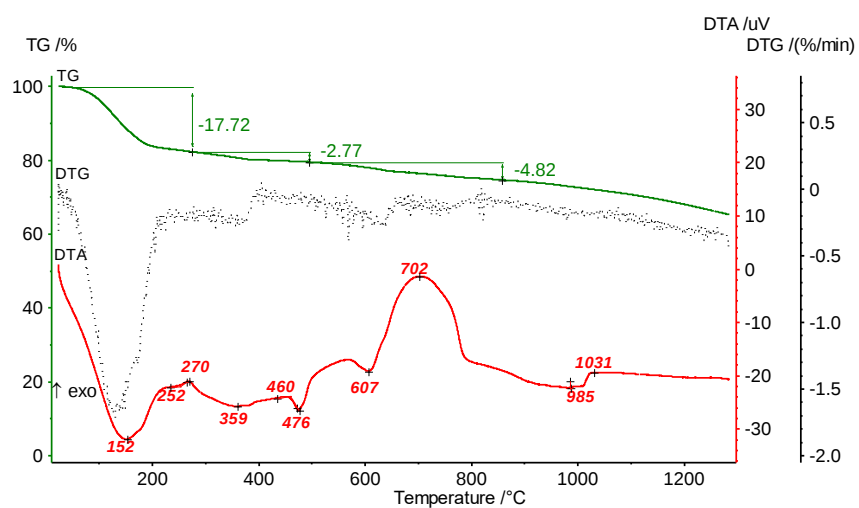


Figure S6. TG/DTA heating curves of LiMgF₃ xerogel.