

Tunneling Magnetoresistance in a Two-Layered $\text{La}_{2-2x}\text{Ca}_{1+2x}\text{Mn}_2\text{O}_7$ Polycrystal

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By the sol-gel method, a polycrystal bulk of two-layered $\text{La}_{2-2x}\text{Ca}_{1+2x}\text{Mn}_2\text{O}_7$ with $x = 0.2$ was successfully synthesized. A high sensitive low-field TMR was found at low temperature.

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