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Supporting Information

## All-alkoxide based deposition and properties of a multilayer $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3/\text{CoFe}_2\text{O}_4/\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ film

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## Supporting information, Figure S1

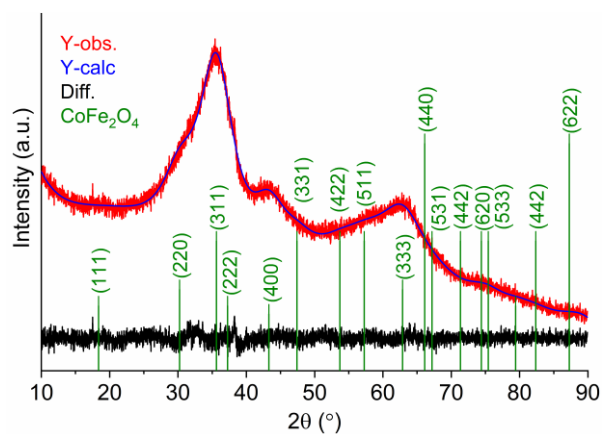


Figure S1. XRD of powder of CF-gel heated for 30 min at 250 °C. The broad XRD peaks fit a CFO with a unit cell-parameter of  $a = 8.354 \text{ \AA}$  and a crystallite size of 1.4 nm.

X-ray diffraction (XRD) in  $\theta$ - $2\theta$  mode using Cu K $\alpha$  radiation. The measurements were done with a Bruker D8 advance instrument, equipped with a Lynxeye XE-T detector and Ni filter. The diffractogram was indexed with Topas software V. 6 from Bruker AXS.