



Fig. 1. Selected GIXRD patterns of Cr-Ti-O deposited thin films with different cycle ratio of $[\text{CrO}_2\text{Cl}_2\text{-CH}_3\text{OH}] : [\text{TiCl}_4\text{-H}_2\text{O}]$ (a, b, c) and $[\text{Cr}(\text{thd})_3\text{-O}_3] : [\text{TiCl}_4\text{-O}_3]$ (d, e, f).