Supplementary Material (ESI) for Journal of Materials Chemistry

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Electronic supplementary information (ESI)

## Structure and properties of multilayered siloxane–organic hybrid films prepared using long-chain organotrialkoxysilanes containing C=C double bonds

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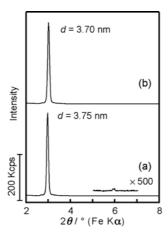
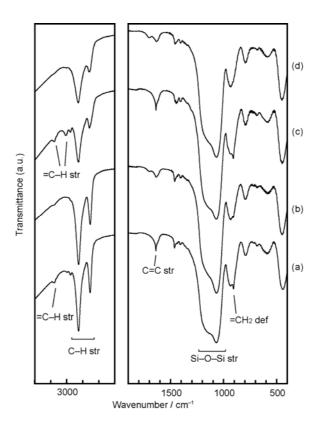


Fig. S1 XRD patterns of the hybrid film  ${\bf L0}$  (a) as-synthesized and (b) UV irradiated for 6h.



**Fig. S2** FT-IR spectra of **D1**: (a) as-synthesized and (b) UV irradiated for 6 h, **D2**: (c) as-synthesized and (d) UV irradiated for 6 h. The spectra in the range of 2700–3200 cm<sup>-1</sup> are enlarged.