Electronic Supplementary Information for

“Tailoring the optical properties of rubrene films through epitaxy-induced amorphous-to-crystal transition”

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**Fig. S1** Absorption spectra collected at normal incidence with polarized light on the same film reported in Figure 1a (3 nm, $t_0 = 24$ h). The spectra were collected after few hours from extraction ($t_0$, dotted lines) and after 24 h ($t_0+24$ h, full lines).

**Fig. S2** AFM height images of the same (5 x 5) $\mu$m² area acquired after different time of air exposure: as extracted ($t = 0$ h) (a), $t = 2$ h (b), and $t = 15$ h (c). The image at $t = 0$ h is the same reported in Figure 2. The section profiles have been reported as measured along the white and black lines.