

Supplementary Information

Surface-guided polymorphism control of titanyl phthalocyanine single crystals

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Supplementary Figures

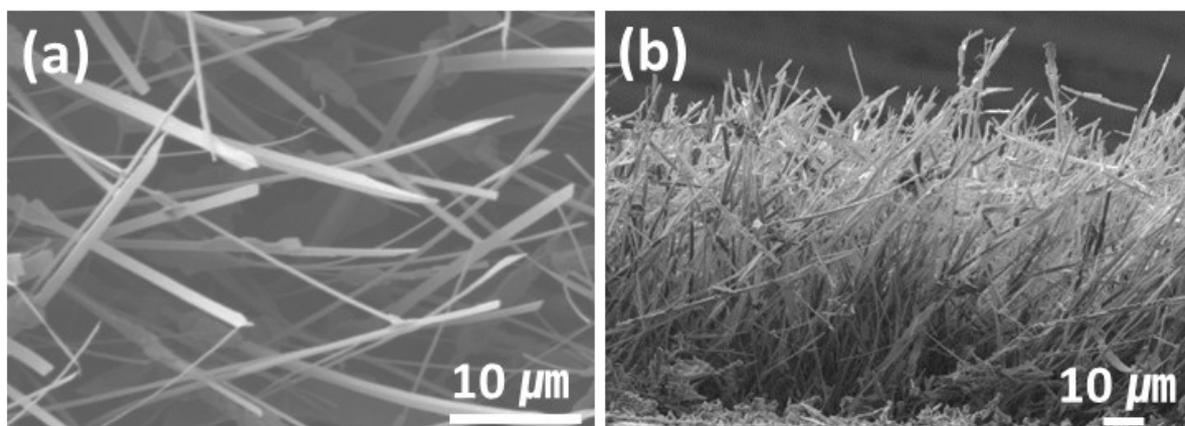


Fig S1. (a) Top and (b) cross-section view of SEM images of TiOPc crystals on the Au substrate.

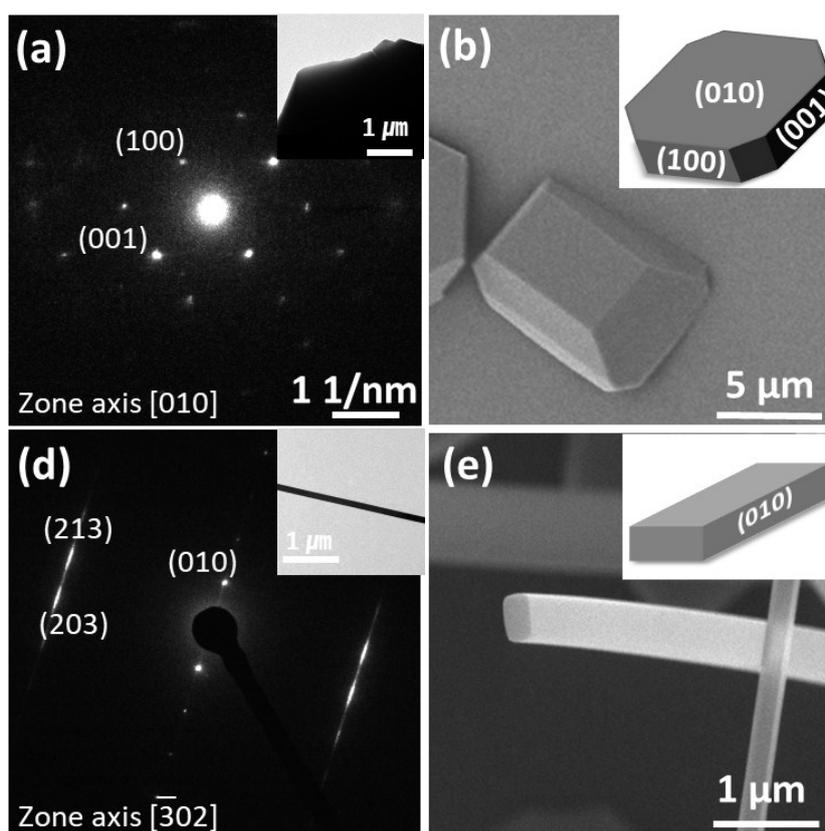


Fig S2. (a) SAED patterns and TEM images (inset image) and (b) highly magnified SEM images and perspective view (inset image) of TiOPc disk. (c) SAED patterns and TEM images (inset image) and (d) highly magnified SEM images and perspective view (inset image) of TiOPc ribbon.

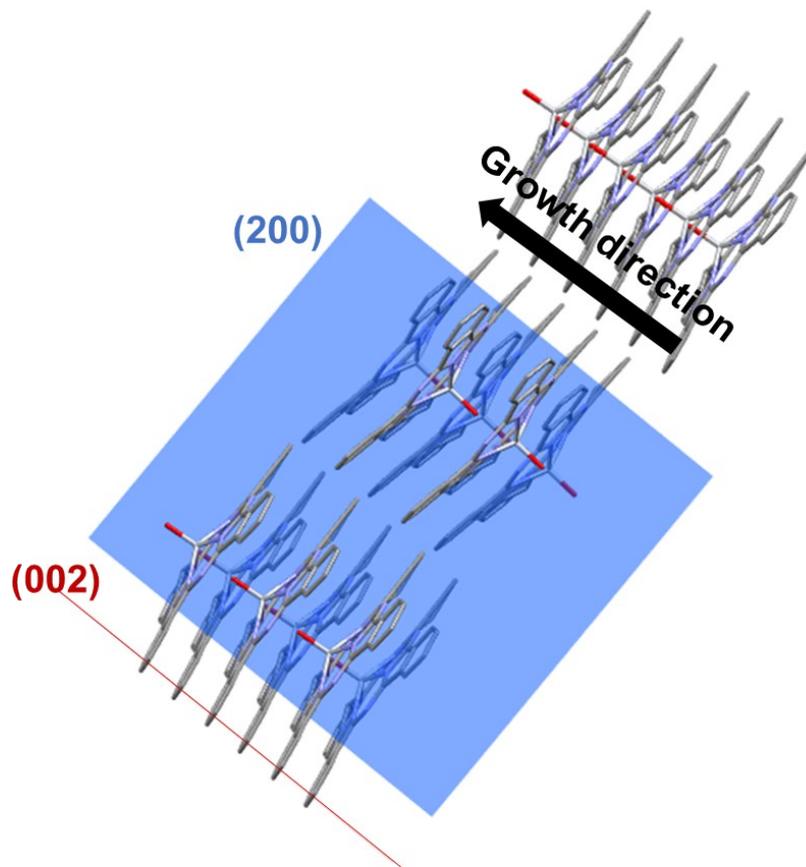


Fig. S3 Molecular packing of TiOPc rectangular tube (C-phase).

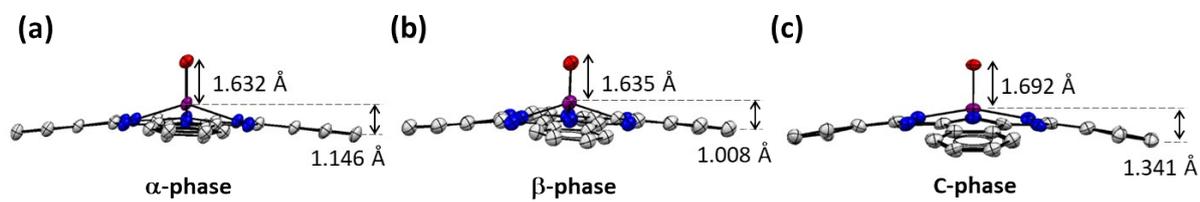


Fig. S4 Concave molecular structures of TiOPc molecule in (a) α -phase, (b) β -phase, (c) C-phase.

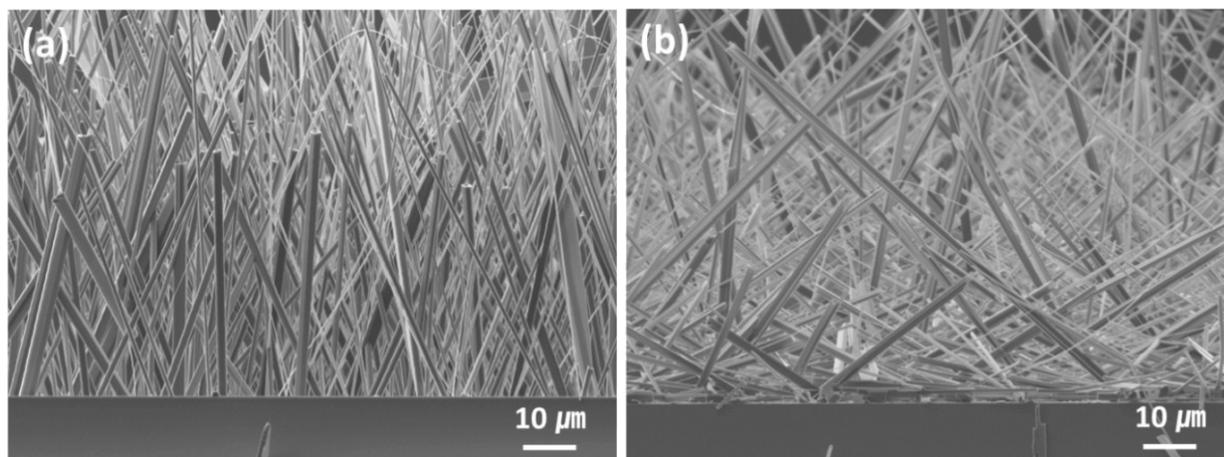


Fig. S5 Cross-section view of SEM images of TiOPc tube crystals on the (a) GPCA and (b) SPCA.

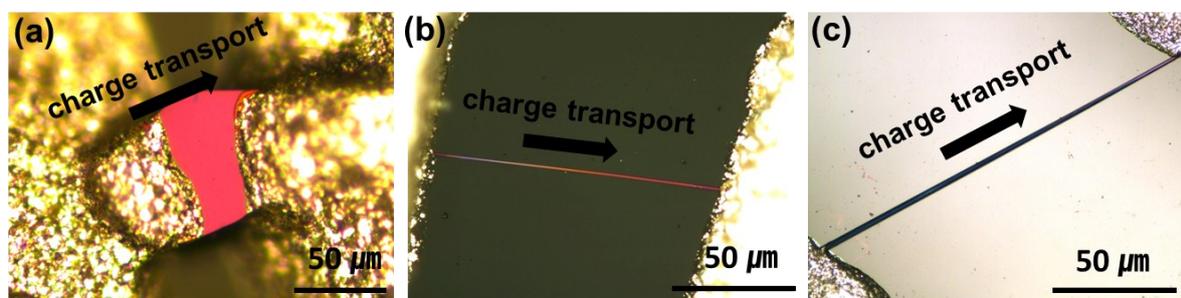


Fig. S6 Optical images of (a) α -phase, (b) β -phase, (c) C-phase of the TiOPc single crystal device.