

Analysis of Crystal Assembly in Banded Spherulites of Phthalic Acid upon Solvent Evaporation

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Table S-1. Properties of Solvents [chemical formulas and boiling points].

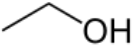
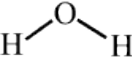

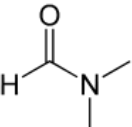
Solvent	T_{boiling}
Ethanol/water (20/80)	83.27 °C 94.69 °C
Ethanol 	78.37 °C
Water 	100 °C
THF 	66 °C
DMF 	152 °C

Figure S-1. POM graphs of isophthalic acid dissolved in THF crystallized at different evaporation temperatures: (a) RT (b) 80°C (c) 110°C [scale bars = 20 μm].

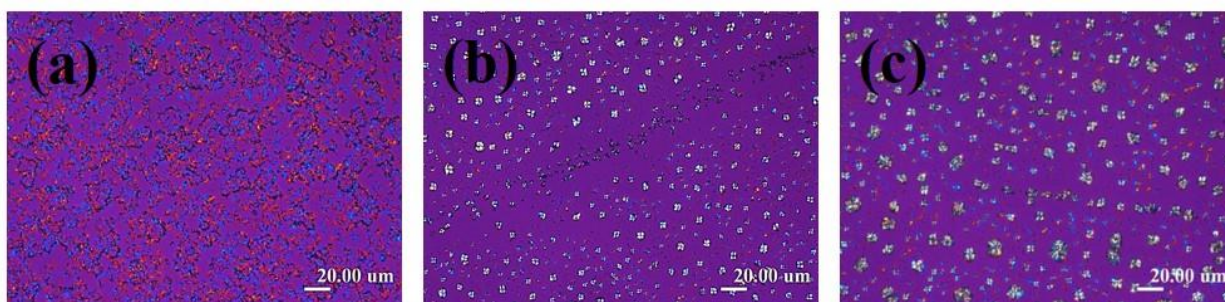


Figure S-2. POM graphs of isophthalic acid dissolved in DMF crystallized at different evaporation temperatures: (a) 80 (b) 110°C [scale bars = 20 μm].

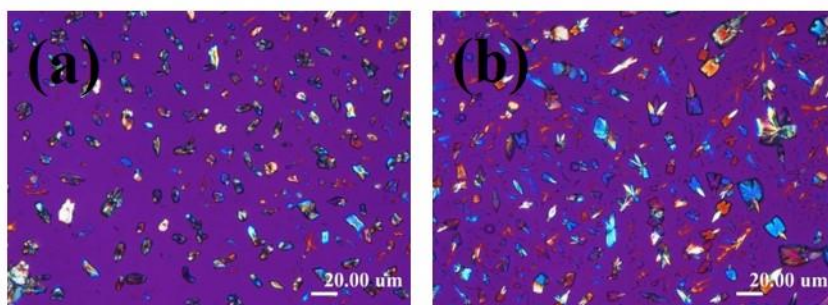


Figure S-3. POM graphs of terephthalic acid (TPA) dissolved in DMF crystallized at different evaporation temperatures: (a) 130 (b) 150°C (c) 170°C [scale bars = 20 μm].

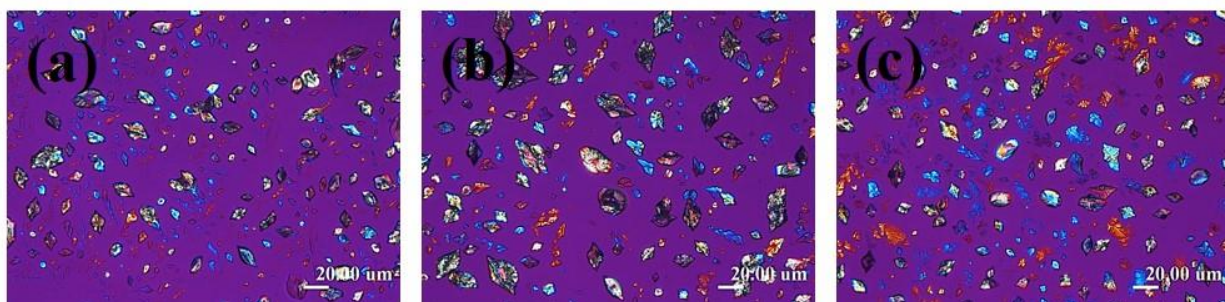


Figure S-4. POM graphs of benzoic acid dissolved in (20% ethanol-80% water) solution crystallized at different evaporation temperatures: (a) 60 (b) 70°C (c) 80°C [scale bars = 50 μm].

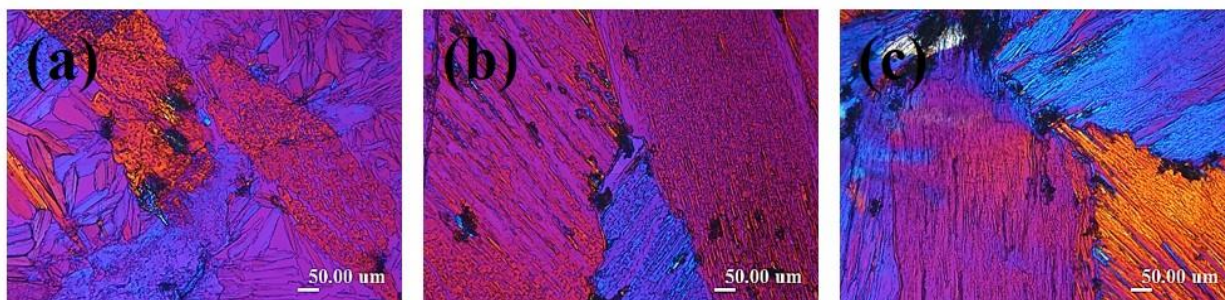


Figure S-5. POM graphs of benzoic acid dissolved in ethanol crystallized at different evaporation temperatures: (a) 50 (b) 60°C (c) 70°C [scale bars = 20 μm].

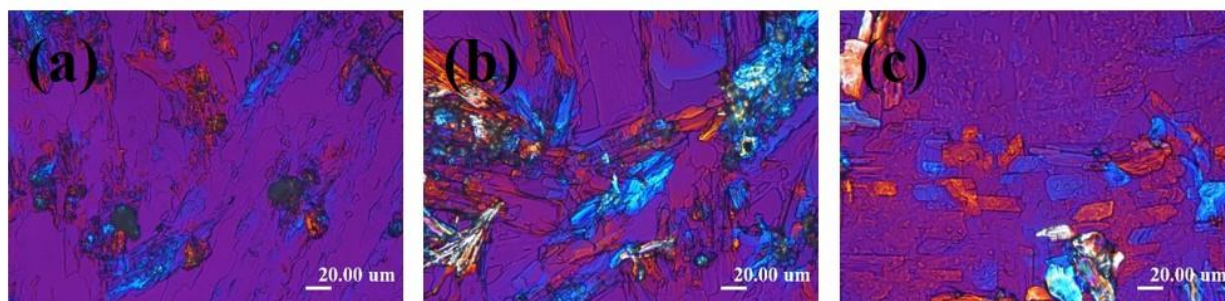


Figure S-6. AFM graphs of phthalic acid [in ethanol/water (20/80) solution] evaporation-crystallized at $T_c = 110\text{ }^\circ\text{C}$: (a) height image and (b) height profile, showing ca. 300 nm vertical drop from ridge to valley.

