Electronic Supplementary Material (ESI) for Soft Matter.

Supporting Information

Nonsolvent- Induced Morphological Changes and Nanoporosity in Poly(L-lactide) Films

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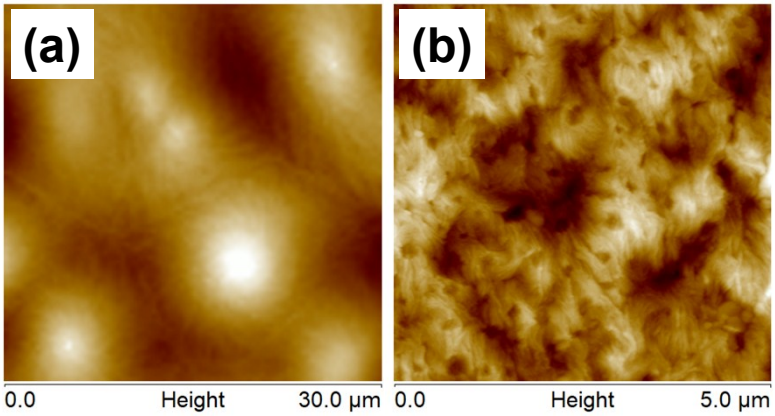

Fig. S1. AFM height image of PLLA film crystallized in (a) THF and (b) THF/water mixture.

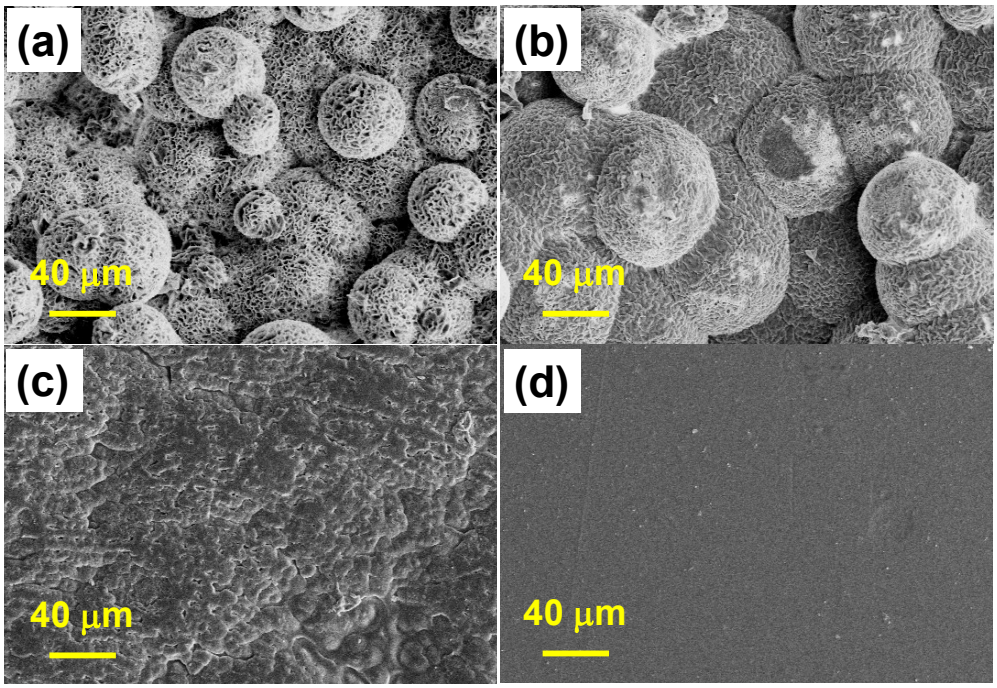

Fig. S2. SEM images of PLLA films crystallized in (a) THF, (b) acetone, (c) THF/water mixture, and (d) acetone/water mixture.

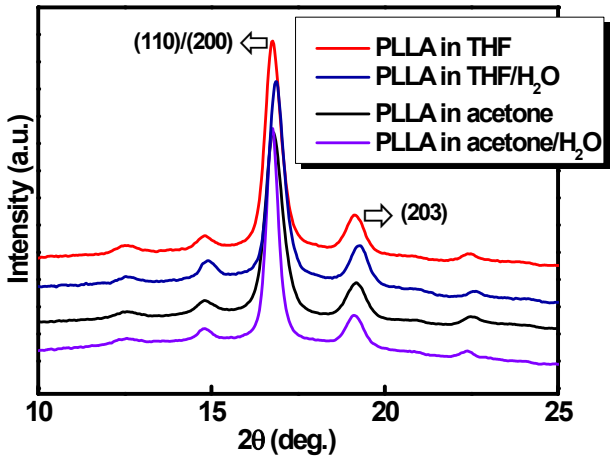

Fig. S3. WAXS patterns obtained for PLLA films crystallized in various solvents at 30 °C for three days.

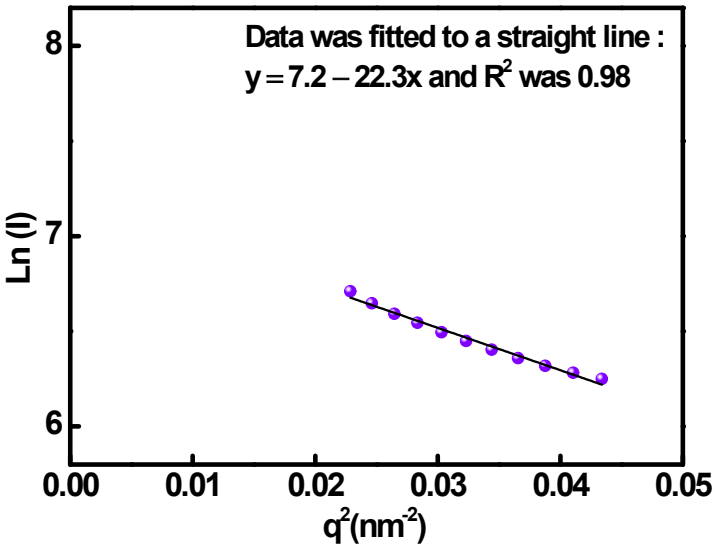

Fig. S4. Guinier plot of the scattering curve shown in Fig. 5a (PLLA film crystallized in acetone/water mixture).

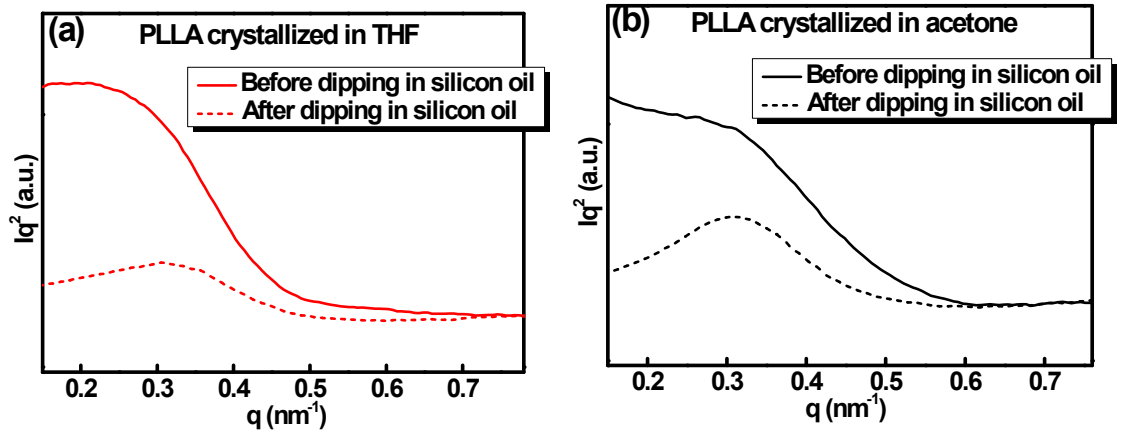

Fig. S5. Lorentz-corrected SAXS patterns of PLLA crystallized in THF and acetone.

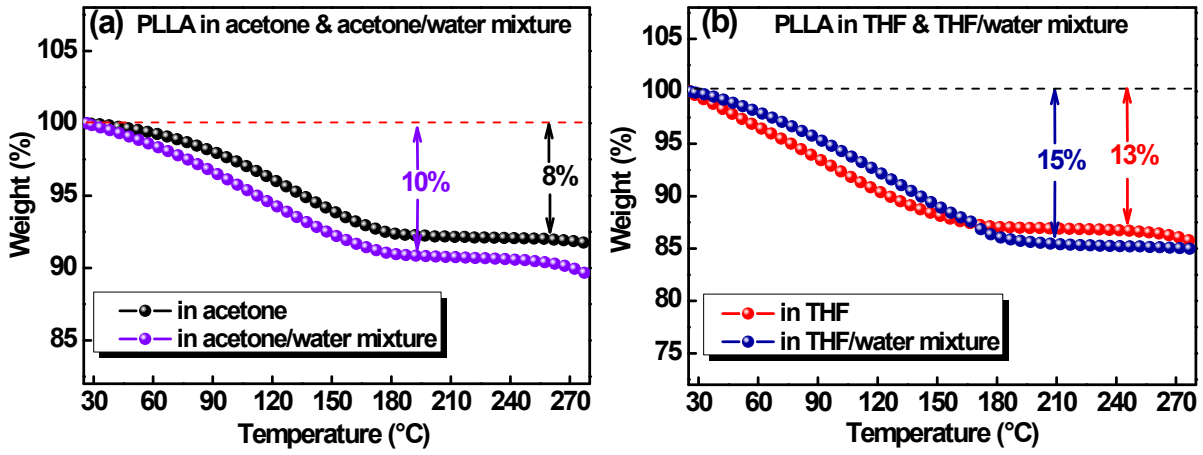

Fig. S6. TGA thermograms obtained for PLLA films crystallized in (a) acetone and acetone/water mixture and (b) THF and THF/water mixture.