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# 在气液界面上压缩诱导聚(L-乳酸)膜的结构变化

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# Structural Transition of Poly(L-lactic acid) Film Induced by Compression at Air/Water Interface

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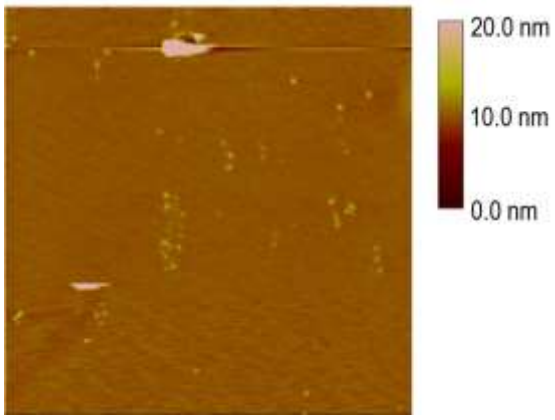


**Fig.S1 AFM surface morphology of PLLA LB film at 20 mN ṁ$^{-1}$ in tapping mode after scratching with AFM tip in contacting mode (20.0 μm×20.0 μm in size)**

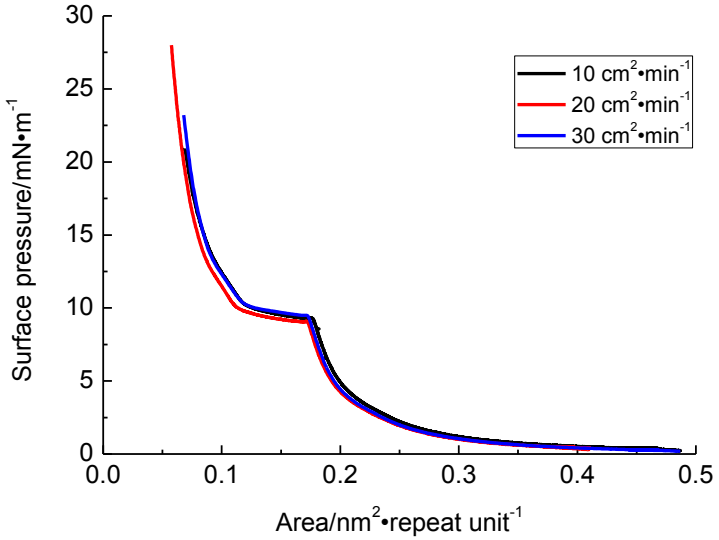


**Fig.S2 Surface pressure-area per monomer ($\pi$-*A*) isotherms of PLLA at the different compressing rates**

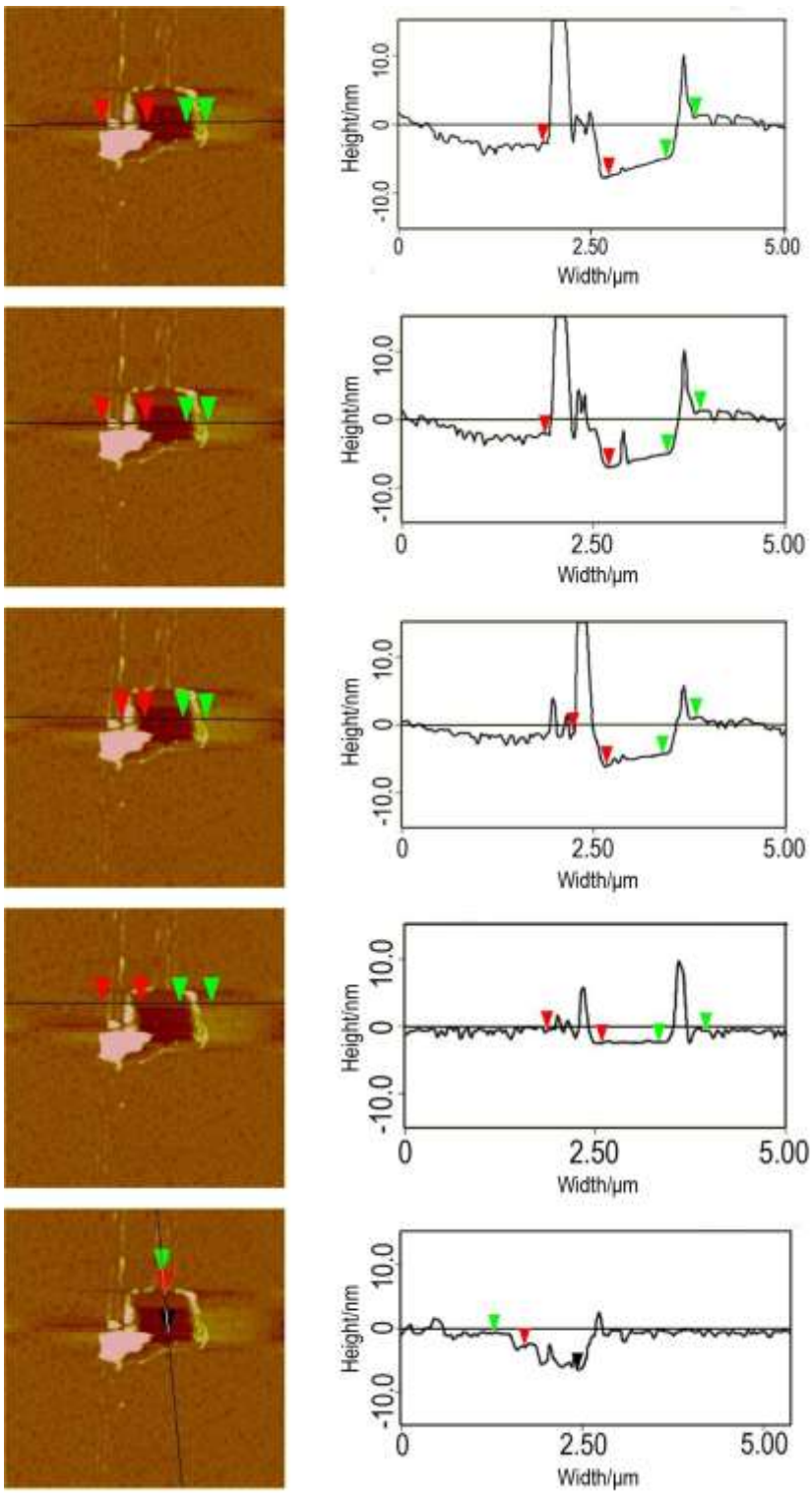


**Fig.S3　Thickness measurements made at different positions and the cross section profiles along the corresponding lines (3.0 μm×3.0 μm in size and 30 nm full scale in height).**