

Supplementary Material (ESI) for Lab on a Chip
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Microfluidic fabrication of monodisperse microcapsules with gas core

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Supplementary Figure S1

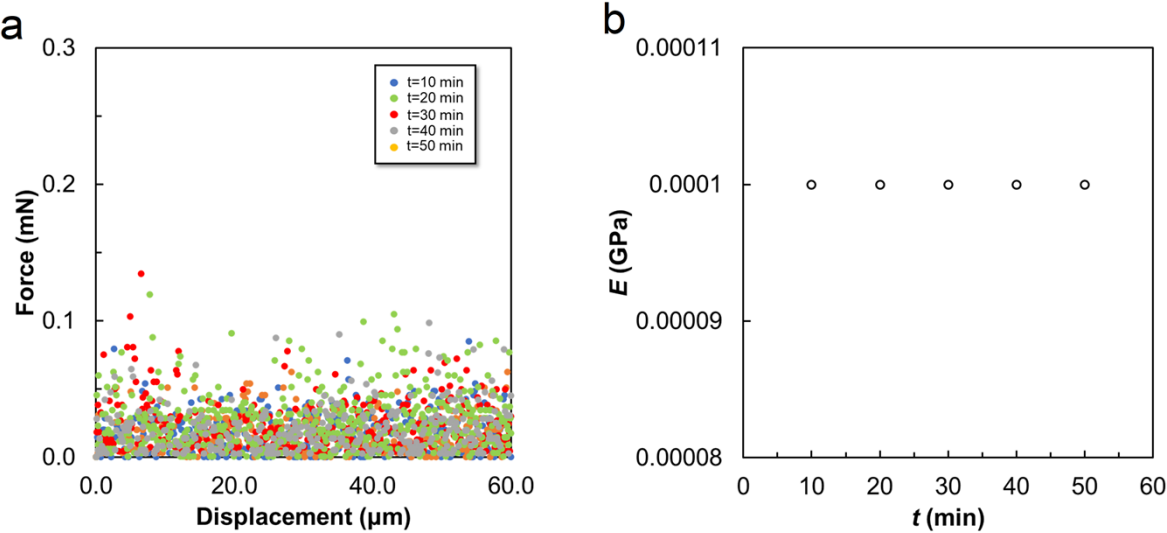


Fig. S1. The elastic property of gas-core microcapsules. (a) The force-displacement curves of gas-core microcapsules prepared with different polymerization time periods. (b) Effect of the polymerization time on the Young's moduli of gas-core microcapsules.

Supplementary Movies S1 and S2

Movie S1. The fabrication process of gas-core droplet templates in the microfluidic device.

Movie S2. The ultrasound-triggered burst release process of a gas-core microcapsule.