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Large-scale production of compound bubbles using parallelized microfluidics for efficient extraction of metal ions

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Correction for 'Large-scale production of compound bubbles using parallelized microfluidics for efficient extraction of metal ions' by Heon-Ho Jeong *et al.*, *Lab Chip*, 2019, 19, 665–673.

The authors regret that Fig. 3B in the original article was incorrect. The correct figure, in which part B has been corrected, is presented herein.

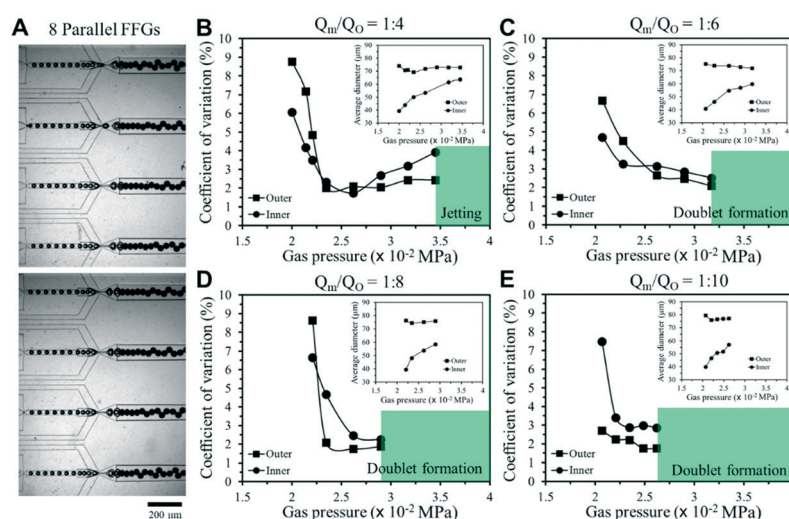


Fig. 2 (A) Optical images for generation of core-shell bubbles in 8 parallel FFG. Effect of gas pressure on the coefficient of variation and size (insets) of G/W/O compound bubbles at the middle-phase-and-outer-phase ratios (Q_m/Q_o) of (B) 1:4, (C) 1:6, (D) 1:8 and (E) 1:10.

In addition, the units in Fig. 4B, in the insets of Fig. 2, and those in the caption of Fig. 3, are incorrect. Corrected versions of these figures and the corrected Fig. 3 caption, in which mPa has been replaced with MPa, are also presented herein.

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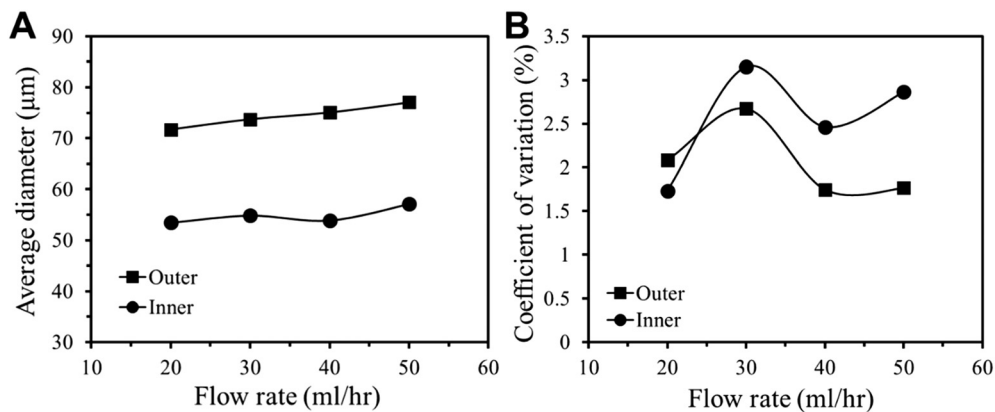


Fig. 3 Effect of outer phase flow rate on the (A) size of compound bubbles and (B) coefficient of variation. The gas pressure and the middle phase flow rate are held constant at 0.026 MPa and 5 ml h⁻¹, respectively.

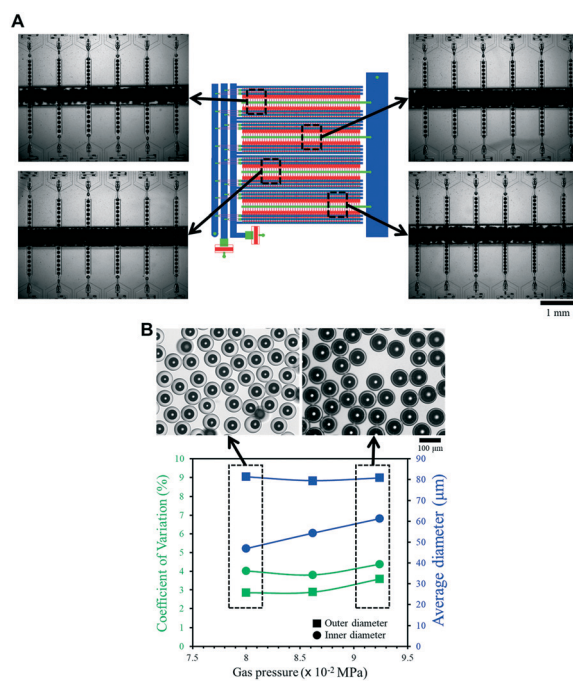


Fig. 4 Mass production of monodisperse compound bubbles in microfluidic device. (A) Representative optical images illustrating uniform generation of G/W/O compound bubble in 400 parallelized FFGs. A movie illustrating the production of G/W/O compound bubbles is provided in the ESI. (B) Change of compound bubble size and coefficient of variation as gas pressure generated in 400-FFGs.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

