

Electronic Supplementary Information

Flexible-templated Imprinting for Fluorine-free, Omniphobic Plastics with Re-entrant Structures

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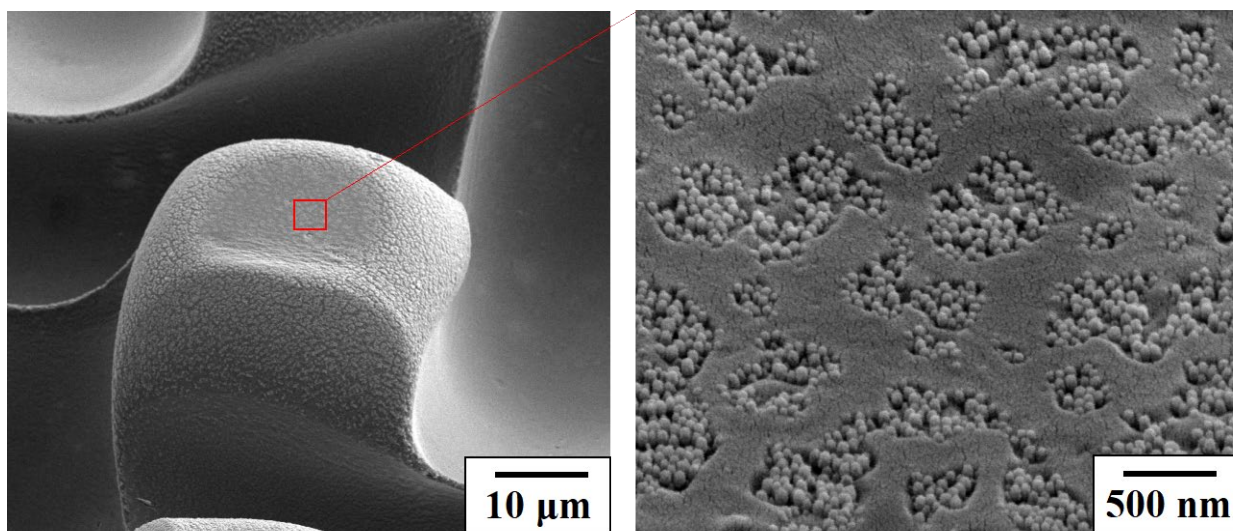


Fig. S1 Silica nanoparticles of 30 nm with epoxy resin on re-entrant micro-pillar PMMA surface. The PMMA substrates were imprinted at 115 °C, 35 Bar, and 35 min.

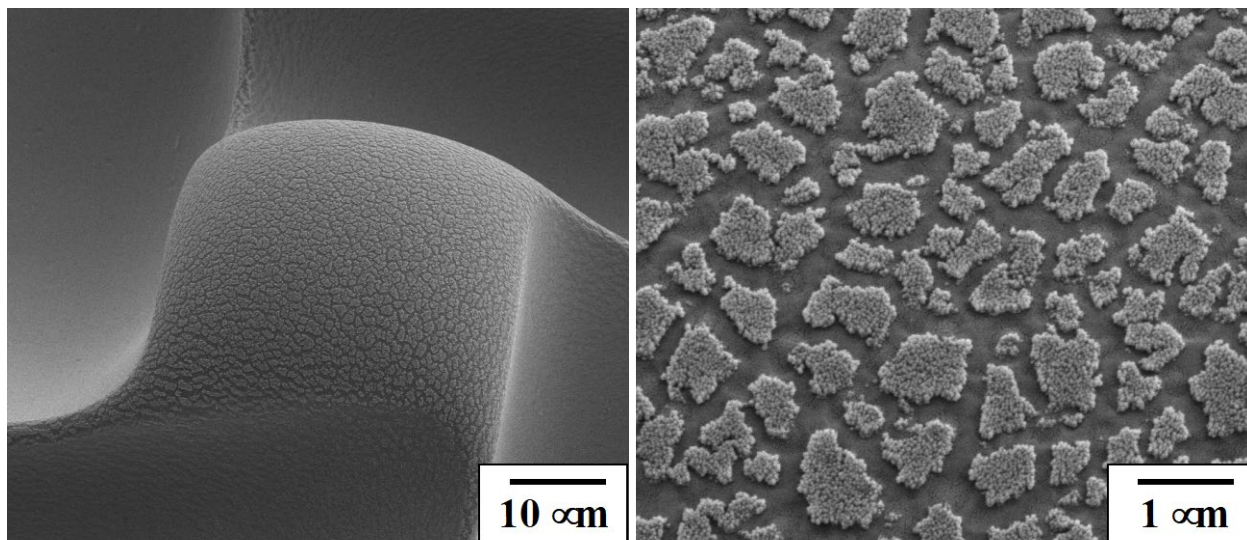


Fig. S2 Silica nanoparticles of 30 nm with epoxy resin on re-entrant micro-pillar PMMA surface.

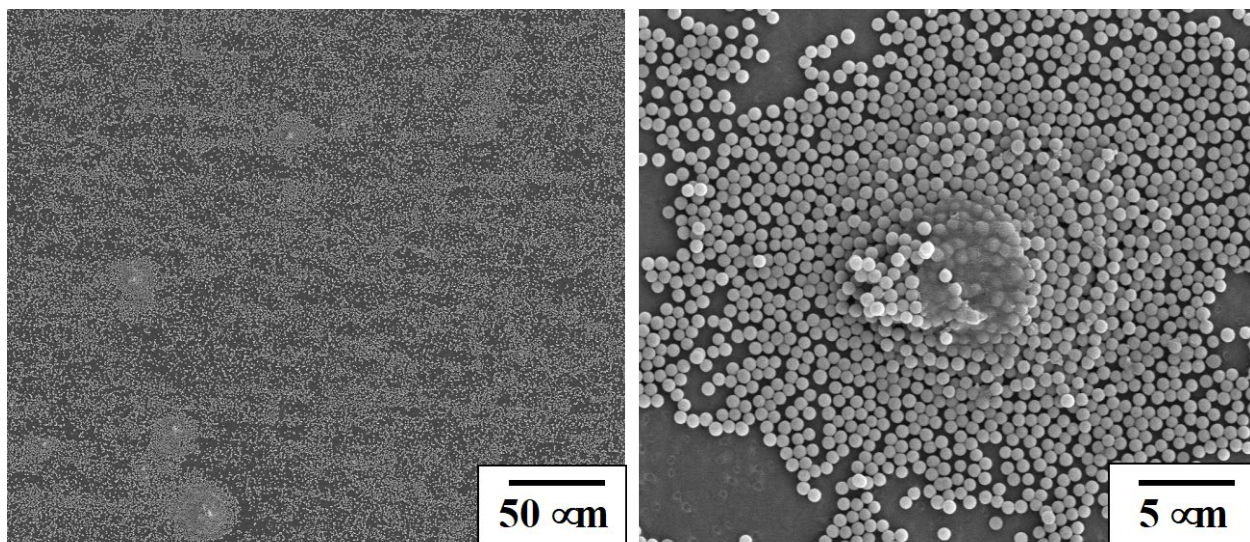


Fig. S3 Aggregation of 650 nm silica nanoparticles with epoxy resin on flat PMMA surface.

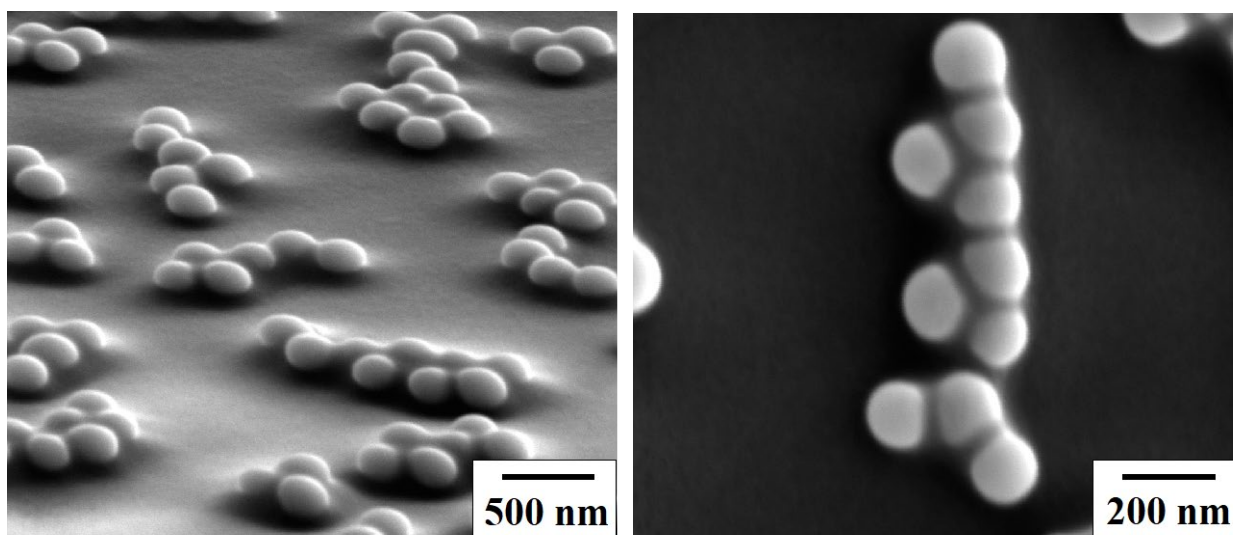


Fig. S4 Dip coating of 200 nm silica nanoparticles/ epoxy resin mixture (immersion rate of 5 cm/min and withdrawn at a rate of 5 cm/min) on flat PMMA surface.