

Supporting information to manuscript:

**Surface-Guided Templating of Particle Assemblies inside
Drying Sessile Droplets**

Daniel M. Kuncicky and Orlin D. Velev*

Table 1A: Summary of results for the drying dynamics experiments conducted on hydrophobic substrates.

ϕ_i , vol %	θ_a , deg	θ_r , deg	Slope ^a mm^2s^{-1}	τ_{pin} , min	τ_{dry} , min	ϕ_{pin} , vol %
16.1	103	100	-0.07792	25	26	63.2
8.1	103	101	-0.08446	32	34	60.9
0.25	104	101	-0.08095	45	46.5	20.1
15.5	85	80	-0.11509	30	32	62.6
10.1	85	79	-0.10367	33.5	36.5	60
5.04	84	81	-0.11074	40	42	48.2

^a These values correspond to the slopes of the plots in Figure 6a & 6b measured from the constant contact angle stage drying.

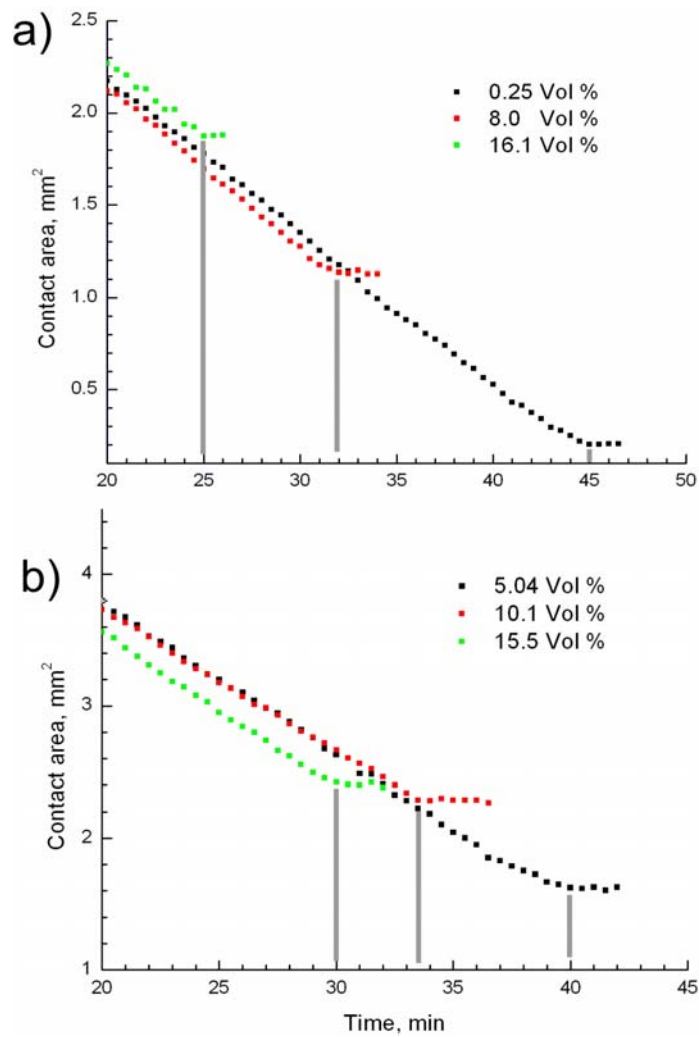


Figure 1A: Close up of drying dynamics on hydrophobic substrates with a) $\theta = 101^\circ$ and b) $\theta = 81^\circ$ during the final stages of evaporation. The grey lines indicate the point of contact line pinning.