

**Supporting Information for**  
**Spontaneous formation of micrometer-scale liquid crystal droplet**  
**patterns on solid surfaces and their sensing applications**

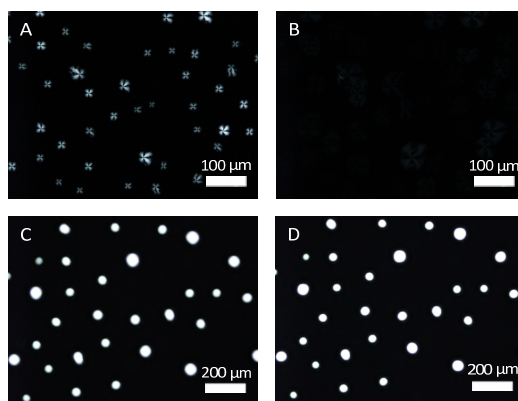
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**Fig. S1** Polarized light microscopy images of LC droplet patterns on the piranha-treated glass incubated in prepared water vapors for (A) 0 h, and (B) 4 h; Optical images under crossed polarizers of LC droplet patterns on the OTS-treated glass incubated in prepared water vapors for (C) 0 h, and (D) 12 h.