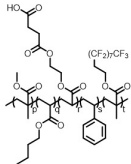
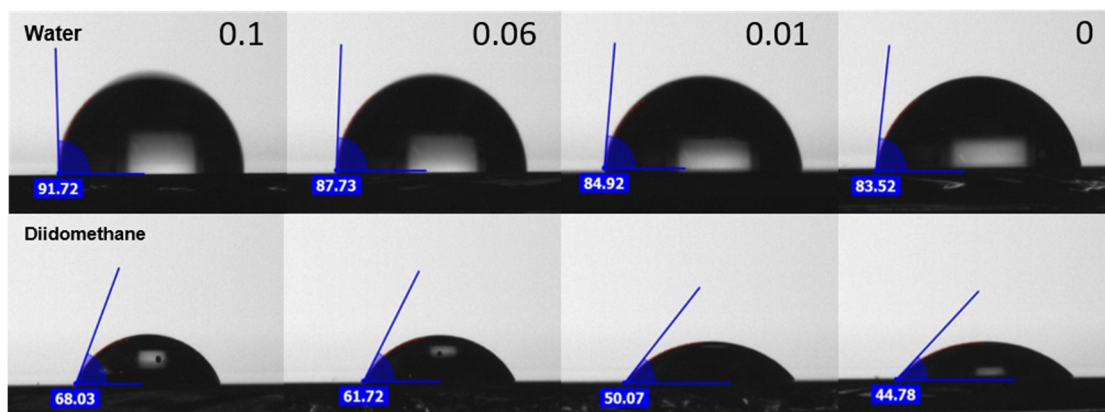


| Polymer                   | Name | Chemical structure  | Monomer molar ratio                                    |
|---------------------------|------|---|--|
| Fluorinated Acryl polymer | 0.1  |  | M : B : H : St : F = 1 : 0.5 : 0.5 : 0.5 : <b>0.1</b>  |
|                           | 0.06 |   | M : B : H : St : F = 1 : 0.5 : 0.5 : 0.5 : <b>0.06</b> |
|                           | 0.1  |   | M : B : H : St : F = 1 : 0.5 : 0.5 : 0.5 : <b>0.01</b> |

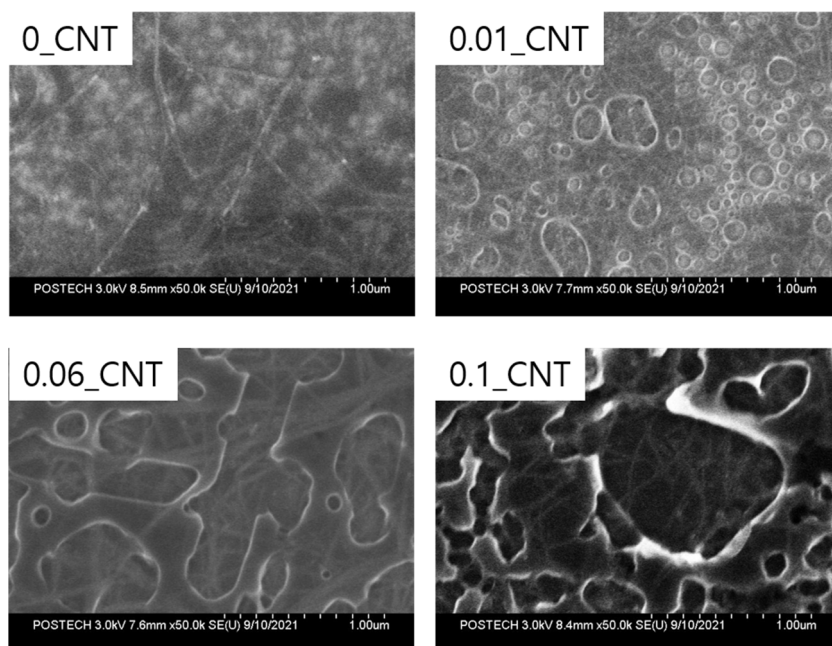
**Fig. S1.** Molar ratio of monomers in fluorinated acryl polymers. M, Methyl methacrylate; B, butyl acrylate; H, Mono-(2-acryloyloxyethyl)succinate; St, Styrene; F, heptadecafluorodecyl methacrylate.

| polymer     | GPC    |        |      | TGA( $T_{d5}$ , °C) | DSC( $T_g$ , °C) |
|-------------|--------|--------|------|---------------------|------------------|
|             | Mn     | Mw     | PDI  |                     |                  |
| <b>0.1</b>  | 1.07e5 | 1.13e6 | 1.05 | 247.14°C            | 48.35°C          |
| <b>0.06</b> | 7.33e4 | 2.82e5 | 3.84 | 240.2°C             | 46.14°C          |
| <b>0.01</b> | 1.04e5 | 4.24e5 | 4.07 | 258.41°C            | 44.23°C          |

**Fig. S2.** Chemical and physical properties of fluorinated acryl polymers dependent on the molar ratio of fluorinated monomer (HFMA) to MMA one.



**Fig. S3.** Contact angles of fluorinated acryl polymers dependent on the molar ratio of fluorinated monomer (HFMA) to MMA one.



**Fig. S4.** SEM images of the printed SWCNTs on the substrate with fluorinated acryl polymers dependent on the molar ratio of fluorinated monomer (HFMA) to MMA one.