

Figure S1. Full XPS survey of perfluorinated alumina.

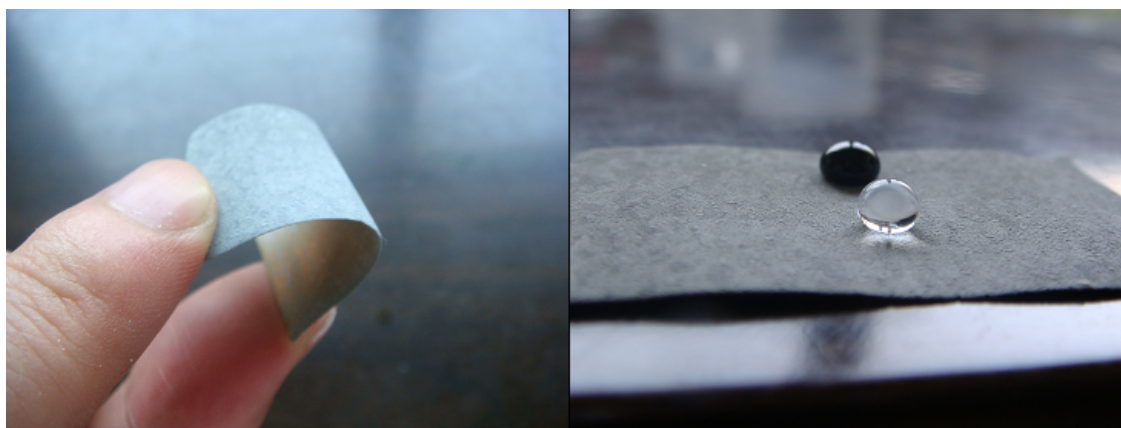


Figure S2. Photographs of water and crude oil droplets on multiply folded aluminum surface, indicating no loss of superrepellency and mechanical robustness of the surface.

Movies 1-3 show superrepellency to water, various organic liquids and polymer melts.